

Hollis Brookline Cooperative School Board  
Wednesday, December 21, 2016  
Hollis Brookline Middle School Library  
6:00

All times are estimates and subject to change without notice

- 6:00 Call to Order
- 6:05 Appointment of a process observer  
Agenda adjustments
- 6:10 Approve meeting minutes  
Nomination/ resignations/correspondence
- 6:15 Public Input
- 6:20 Principal Reports  
**Deliberation**
- To see what action the Board will take regarding the High School Program of Studies
  - To see what action the Board will take regarding accepting the Middle School's greenhouse donation
  - To see what action the Board will take regarding a date for the annual school district meeting
- 6:30 Recess the School Board meeting, Call to order the Budget Committee Meeting
- Joint meeting between the Hollis Brookline Cooperative School Board and the Hollis Brookline Budget Committee to discuss the Fiscal Year 2018 draft budget
- 7:50 Non-public under RSA 91-A: 3II (a) Compensation and/or (c) Reputation
- 8:00 Motion to Adjourn

To: Hollis Brookline Cooperative School Board  
From: Bob Thompson, Principal HBMS  
Re: Principal's Report  
Date: December 21, 2016 Scheduled Meeting

### ***INFORMATION ONLY***

**TechWomen Ambassadors-** On November 16th, 25 8th grade girls traveled with Dr. Hall and Mrs. Marquette to Nashua North to participate in a STEM fair inspired by the TechWomen Ambassadors Committee STEM- inspiration initiative. To see how a path towards STEM careers can be achieved, the girls explored STEM-related activities with the intent of sending a positive “can do” message from successful industry partners and community STEM professionals.

**8<sup>th</sup> Grade NAEP Testing-** Over 100 8th grade students have been selected to participate in the National Assessment of Educational Progress. Every other year, students across New Hampshire are invited to take part in this nationally representative assessment of what our nation's students know and can do in their core subjects. The results help shape improvements to our educational system. Students at HBMS will be assessed on February 21st.

**Student Council-** The Student Council is once again collecting gifts for the children at Nashua Children's Home. This has become an annual tradition at the Middle School and we are excited to join other organizations in our community to support this cause.

**7<sup>th</sup> and 8<sup>th</sup> Grade Winter Concerts-** Congratulations to our 7th and 8th grade musicians for their outstanding performances at this year's Winter Concert. We celebrate our students' hard work and effort and want to thank Mrs. Nancy Spencer and Miss Liz Nault for their efforts.

**Patriot's Pen Essay Contest-** Congratulations to 8<sup>th</sup> grade student Tyler Trombley who is the 2016 VFW District winner of the Patriot's Pen Essay Contest. Tyler's essay on Native American culture will now go on to compete at the state level.

**Action Items:** To see what action the board will take in regards to accepting a donation of \$8,800 dollars from the Hollis Brookline Rotary for the purposes of building a greenhouse at HBMS.

### **Important Dates:**

December 22nd- 7<sup>th</sup> Grade Field Trip to see a Christmas Carol  
December 23<sup>rd</sup>- Student vs Staff Volleyball Game  
January 14<sup>th</sup>- HBMS Robotics scrimmage at UNH

To: Andrew Corey, Superintendent

From: Rick Barnes, Principal

RE: December Board Report

**Action Items:**

- 17-18 Program of Studies (Attached)

**Red Cross Club:** As part of the *Red Cross Holidays for Heroes* program, students in the HBHS Chapter of the Red Cross Club spent time this week creating and sending 335 holiday greeting cards to veterans. According to their website, The Red Cross Holidays for Heroes program enables Americans to “Give Something That Means Something” this holiday season and other holidays year-round. We are inviting the public to join their local Red Cross offices to thank and recognize members of the military, veterans and their families through a variety of activities. Separate from this activity, the club also managed to raise and donate \$1500 to the Red Cross. It gives us great pride that this is one of the larger clubs at HBHS as it reflects our students’ positive impact within our two towns and beyond.

**Winter Coaches Meet and Greet & Parents Meeting** was held on Tuesday December 6<sup>th</sup> at 6:30 PM the meeting began in the auditorium before moving into individual classrooms. The primary purpose of meeting as a group before moving into team meetings is to review the Code of Conduct that athletes and parents are required to sign in order to participate. We feel this the best way to kick off each season as it reminds our students that being a good student/citizen is an important part of their athletic experience.

**Alice: Through the Glass:** The HBHS Theater Department Dec. 3<sup>rd</sup> performance of this play was a success! An original adaption by HBHS's own **Mr. Greg Parker**, *Alice: Through the Glass* sees an older Alice returning to the mad world of Wonderland in search for her creativity, her muse, and herself. During the intermission of the Saturday matinee, the we were honored to help Officer Bergeron in his efforts to raise money to fight Multiple Myeloma by shaving his head in front of our live audience. Selected students from the middle school won the opportunity to assist with the new haircut. Students and staff at HBMS and HBHS donated over \$1600 to the fight against this particular form of cancer.

**The HB Music Department** is very proud to announce that we matched our school record acceptance numbers (set last year) with musicians selected into this year's All-State Music Festival. Our students were selected through a rigorous live audition process. We are proud of their hard work and dedication.

**HB the Change** is working with Jordan's Furniture and their annual contribution to [Coats for Kids](#). Donations can be dropped off in the front foyer of the main office of HBHS through January 3<sup>rd</sup>.

**NH State Senate Resolution:** We were honored to learn that Senator Kevin A. Avard proposed a this resolution honoring our Back to Back Champion Girls' Volleyball team.

Respectfully Submitted,

Rick Barnes

Principal



# Hollis Brookline High School



## *Program of Studies*

20176 – 20187





# Hollis Brookline High School

24 Cavalier Court Hollis, New Hampshire 03049

phone 603.465.2269 fax 603.465.2485

[www.hollisbrookline.org](http://www.hollisbrookline.org)

## Administration

Principal: Richard D. Barnes

Assistant Principals: ~~Robert F. Ouellette~~

~~Timothy E. Girzone~~ Amanda Zeller

Director of Special Education: Jennifer Anderson

## Guidance

School Counselors: Sandra Bent

Kerry Dod

Kathleen Maynard

Richard Winslow

## We Value:

Integrity • Intellectual Curiosity • Innovation • Individuality • Involvement in HBHS community

## We Believe In:

- Inspiring lifelong learning and achievement through a broad range of experiences.
- Encouraging all to strive for their maximum potential.
- Upholding an atmosphere of mutual trust and respect essential to the educational process.
- Recognizing that students, parents, and staff share responsibility for open communication to maintain a thriving school community.
- Maintaining a safe, productive, and inclusive learning environment.

## Academic Expectations

Students will:

- Read and write fluently, expressively and accurately.
- Listen and speak with sensitivity and discrimination.
- Solve problems logically and analytically.
- Use their creative abilities in original and productive ways.
- Use their critical abilities to recognize and value excellence and quality.
- Be prepared to meet the changing technological demands of the marketplace.

## Social Expectations

Students will:

- Respect the rights and values of others.
- Resolve conflicts appropriately.
- Accept responsibility for their actions.

## Civic Expectations

Students will:

- Understand and accept their duties as citizens of a democracy.
- Contribute to the greater well-being of society.
- Respect the differing values of the global community.

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## Introduction

This *Program of Studies* has been prepared to assist students and their parents in deciding which courses to take at Hollis Brookline High School. It provides information on course descriptions, suggested course sequences, required and elective courses, credit requirements, special programs, and selected school policies.

The careful selection of required and elective courses is an important first step toward a successful educational experience at Hollis Brookline High School. Students should review the *Program of Studies* with their parents. Counselors will meet with students to hand out registration information, explain the registration process and discuss program planning. Students should consult with their core teachers to determine appropriate placement before online course registration begins. Be sure to pay particular attention to course prerequisites, required courses, and college admissions requirements when selecting your courses.

**It may not be possible to offer all the elective courses listed in this *Program of Studies*. The courses offered will depend on the number of students who enroll for each course. Conflicts may also arise due to a student's specific course requests, therefore, be sure to choose at least two alternate elective courses when registering online.**

## Principal's Message

Dear HBHS students and parents/guardians,

This *Program of Studies* is designed to be your guide as you chart your path over the next four years. A great deal of thought and work goes into planning the scope and sequence of our curriculum to ensure that it is designed with our students' best interests in mind.

We are excited about the changes to this year's program, to include our latest Running Start offerings which allow for dual credit in high school and college. including two new Advanced Placement courses, as well as our new Senior Quest program. Please use this guide as a reference for graduation requirements and course prerequisites, as well as a tool to help you map out your selections for the 2017-18 School Year and beyond. There are many wonderful opportunities to take advantage of here at HBHS. As you develop your plan for the years ahead, I urge you to consider balancing your schedule between courses that will challenge you and courses or co-curricular activities that you simply enjoy. We urge you to utilize the Student Activities Spreadsheet at the end of this program to assist you in navigating the balance between school, life, and activities. We also encourage you to communicate regularly with your parents, teachers, and school counselors throughout the course selection process as these decisions will affect your plans for the future.

As you navigate through the process of selecting your courses, please do not hesitate to contact your school counselor as well as current and former teachers at any time if you have questions. We are always open to any feedback and suggestions that you may have as we work together toward creating the best academic program possible for our students.

Sincerely,  
Richard D. Barnes  
Principal

## Student Services

The mission of the Hollis Brookline Guidance Department is to provide a comprehensive program that encourages the successful academic, career and social-emotional development of each individual. We believe through collaboration with students, families, school staff, and community members we can assist students in reaching their full potential.

### **Academic Achievement**

- A. Students will acquire the attitudes, knowledge and skills contributing to effective learning in school and across the lifespan.
- B. Students will complete school with the academic preparation essential to choose from a wide range of substantial post-secondary options, including college.
- C. Students will understand the relationship of academics to the world of work and to life at home and in the community.

### **Career Planning**

- A. Students will acquire the skills to investigate the world of work in relation to knowledge of self and to make informed career decisions.
- B. Students will employ strategies to achieve future career goals with success and satisfaction.
- C. Students will understand the relationship between personal qualities, education, training and the world of work.

### **Personal Social Development**

- A. Students will acquire the knowledge, attitudes and interpersonal skills to help them understand and respect self and others.
- B. Students will make decisions, set goals and take necessary action to achieve goals.
- C. Students will understand safety and survival skills.

## Career and Technical Programs

HBHS students are eligible to attend [Alvrine](#), Nashua, Milford, and Mascenic High Schools in the **11<sup>th</sup> and 12<sup>th</sup>** grades for career and technical education. The courses available in the *Program of Studies* and are listed in the “Career and Technical Programs” section. Specific information may be obtained from the Guidance Department. Career programs also include internships and work study through Hollis Brookline High School.

## English Learners (EL)

The EL program is designed for students residing in the district whose language is other than English, or for students who come from a family where the influence of another language may impact his/her ability to compete with peers in English. EL not only provides listening, speaking, reading, and writing components, but also provides assistance and support for core classes. This may be achieved through advanced teaching of vocabulary, modifying assignments and possibly tests with the classroom teacher, or providing extra test-taking time with the ESOL teacher. The goal of EL is to help the student learn enough English to compete with peers. EL services are not available for exchange students from other countries.

## Student Services & Compliance with Federal and State Laws

The Hollis Brookline Cooperative School District complies with all Federal and state laws that apply to schools. These include:

- Family Education Rights and Privacy Act (FERPA)
- Individuals with Disabilities Education Act (IDEA)
- Child Find Notice: Children With Disabilities Under IDEA or Section 504 (ADA)
- Notice of Procedural Safeguards Under Section 504 and the ADA
- Child Neglect and Abuse
- Section 504 of the Americans with Disabilities Act (ADA)
- Section 504/Title II Grievance Procedure.

The school’s website ([www.hollisbrookline.org](http://www.hollisbrookline.org)) provides brief information concerning these laws. Additional information is available through numerous government sources and through the school.

## Visit the Hollis Brookline High School Web Site

[www.hollisbrookline.org](http://www.hollisbrookline.org)

Click on the Guidance link for assistance and information on:

Career Services	Counseling Services	Program of Studies	School Profile
Career and Technical Programs	Helpful Websites	Register New Student	School Newsletter
College Admissions Testing	Naviance	SAT Prep	Summer Reading
College Information	Presentations	Scholarships	

## Hollis Brookline High School Graduation Requirements

Students must earn 23 credits to graduate with a Hollis Brookline High School Diploma. This diploma indicates that the student has completed a rigorous high school curriculum which exceeds the state requirements. The following courses are graduation requirements. The credit given for each course is included with the respective course description. **Note: A course cannot be used to earn credit in more than one category.** Beginning with the Class of 2019, all high school students must engage in a math experience for every year they are in high school until graduation.

<u>Category</u>	<u>Credits</u>	<u>2019 and beyond</u>
<b>English</b> (including .5 Writing credit)	4.50	4.50
<b>Mathematics</b> (including 1.0 Algebra credit)	3.00	4.00
<b>Information and Communication Technology (ICT)</b> (Digital Portfolio)	0.50	0.50
<b>Social Studies</b> - 1 U.S. History, 1 World Studies, .5 Economics, .5 Civics credit	3.00	3.00
<b>Science</b> (including 1 Physical Science credit & 1 Biological Science credit)	3.00	3.00
<b>Arts Education</b> (all Performing Arts, Visual Arts)	0.50	0.50
<b>Physical Education</b>	1.00	1.00
<b>Wellness</b>	0.50	0.50
<b>Restricted Electives</b>	3.00	3.00
Three credits selected from at least two of the following areas:		
<i>Arts Education:</i> Performing Arts, Visual Arts		
<i>Practical Arts:</i> Computer & Technology, or Family and Consumer Sciences		
<i>Career and Technical Education</i>		
<i>World Language:</i> Level IV or V of a World language, or a second World language		
<i>Mathematics, Social Studies and Science:</i> fourth credit		
<b>Free Choice Electives</b>	4.00	3.00
Credits selected from any of the school's course offerings		
<b>TOTAL</b>	<b>23.00</b>	<b>23.00</b>

## Hollis Brookline High School – NH State Standard Diploma

A NH State Standard Diploma for Academic Achievement may be awarded to any student who completes the state minimum required units of study as defined by Ed 306.27(m) but who does not qualify for a Hollis Brookline High School diploma as designated in Board Policy IKF. Students seeking a diploma under this policy are advised make a request, in writing, to the building principal no later than one semester prior to his/her anticipated graduation date. The principal must approve the request prior to awarding an alternative diploma. **Beginning with the Class of 2019, all high school students must engage in a math experience for every year they are in high school until graduation.**

<b><u>Required Subjects</u></b>	<b><u>Credit(s)</u></b>
Arts Education	.5 credit
Information and Communications Technologies	.5 credit or demonstrate proficiency
English	4 credits
Mathematics	3 credits, including algebra credit that can be earned through a sequential, integrated, or applied program
Physical Sciences	1 credit
Biological Sciences	1 credit
US and NH History	1 credit
US and NH Government/Civics	.5 credit
Economics	.5 credit
World History, Global Studies, or Geography	.5 credit
Health Education	.5 credit
Physical Education	1 credits
Open Electives	6 credits
<b>Totals</b>	<b>20 credits</b>

## Equivalency Diploma

An **Equivalency Diploma** shall be awarded to a student who receives special education services and who successfully completes the requirements for this diploma as established and set forth in the student's Individualized Education Program (IEP) and who does not meet the requirements for a diploma set forth in the State Minimum Standards for Public School Approval and applicable District policy. The requirements for this Diploma may vary from student to student. The high school must secure the informed written consent of the parent or guardian and the student to choose this diploma program after review of the student's academic history and the full disclosure of the student's options.

Any student who receives an equivalency diploma pursuant to this policy will be allowed one opportunity to participate in the District's graduation ceremony.





## NH Scholars

New Hampshire Scholars is a community-based program that encourages students to take a more rigorous core course of study in high school. The program is federally-funded through the New Hampshire Department of Education, and is coordinated through a partnership between the New Hampshire College and University Council, Campus Compact for New Hampshire and the New Hampshire Department of Education. New Hampshire Scholars is part of the National State Scholars Initiative Network. Twenty-five states across the country participate in this national initiative. For more information visit [nhscholars.org](https://nhscholars.org)

New Hampshire Scholars must successfully complete their course of study with a grade of **C** or higher in all courses, including quarter and full year grades. Students have three pathways from which to choose: **NH Scholars Core**, **NH Scholars STEM Emphasis** and **NH Scholars Art Emphasis**.

### **NH Scholars Core Course Requirements**

- English - 4 years
- Math - 4 years, including Algebra I, Geometry, and Algebra II, and 1 other competency
- Laboratory Science - 3 years of Laboratory Science (e.g. Biology, Chemistry, Physics, Anatomy & Physiology)
- Social Studies - 3.5 years (US History, World Studies/History, Civics/Economics, and 1 elective)
- World Language - 2 years of the same world language other than English

### **NH Scholars with STEM Emphasis**

- English - 4 years
- Math - 4 years, including Algebra I, Geometry, and Algebra II, and 1 other competency
- Social Studies - 3.5 years (US History, World Studies/History, Civics/Economics, and 1 elective)
- World Language - 2 years of the same world language other than English
- **Science - 4 years, including 3 Laboratory Science (Biology, Chemistry, Physics, A&P, Pre-Engineering, Computer Science, etetc.)**
- **Technology Education – 1 year (All courses in Computer and Technology Education qualify for NH Scholars with STEM Emphasis)**
- **Minimum 3.2 GPA**

### **NH Scholars with Art Emphasis**

- English - 4 years
- Math - 4 years, including Algebra I, Geometry, and Algebra II, and 1 other competency
- Laboratory Science - 3 years of Laboratory Science (e.g. Biology, Chemistry, Physics, Anatomy & Physiology)
- Social Studies - 3.5 years (US History, World Studies/History, Civics/Economics, and 1 elective)
- World Language - 2 years of the same world language other than English
- **Art Education – 2 years (All courses in Visual & Performing Arts qualify for NH Scholars with Art Emphasis)**
- **Minimum 3.2 GPA**



Approved courses are noted in the *Program of Studies* by the NH Scholars Seal.

## Credit Accumulation Guidelines

Beginning in 9<sup>th</sup> grade, progress toward graduation depends on the accumulation of credits and passing required subjects. Algebra 1, French 1, and Spanish 1 taken in middle school may allow students to take Geometry, French 2, or Spanish 2 upon entering the 9<sup>th</sup> grade. Middle school courses will not count as part of the 23 credits required for high school graduation and are not reflected on the high school transcript. Students are able to schedule a study each year and still meet their graduation requirements.

These credit accumulations are guidelines for entrance into grades 10, 11, and 12:

At the completion of Grade 9:	6 credits
At the completion of Grade 10:	12 credits
At the completion of Grade 11:	17 credits

*It is a student's responsibility to meet periodically with his/her counselor to ensure all graduation and credit requirements are completed.*

### **Credit Recovery**

Students who fail a course for the year may earn credit in one of the following ways:

- Repeat the course at Hollis Brookline High School.
- Enroll in a summer school program at a local high school. Students must first meet with their school counselor to determine the appropriate course and program that will fulfill the lost credit as well as review academic information. Summer school programs require that students have passed at least two quarters of a full-year course or one quarter of a semester course and have obtained approval from the principal. An Alternative Credit Application (available in the Guidance Office) must be completed prior to taking the course. Credit will be awarded upon successful completion of the course. The course grade will be entered as a grade of P or F, and there is no adjustment to the student's GPA calculation.
- Competency recovery through the Virtual Learning Academy Charter School (VLACS) is an opportunity for students to complete the essential work required to have mastered a failed HBHS course. Teachers must first determine that the student is eligible for competency recovery. Competencies are then chosen by the HBHS teacher. An Alternative Credit Application must be completed and principal permission obtained. Competency completions will be reviewed by the Academic Review Committee. HBHS teachers may adjust the student's final grade. Credit will be awarded and GPA will be recalculated.

### **Alternative Methods of Earning Academic Credit**

Generally courses required for graduation are taken at Hollis Brookline High School. Students who wish to take courses through an extended learning opportunity and/or online programs may do so in consultation with the school counselor and pre-approval of the principal. In all cases an Alternative Credit Application must be completed and permission obtained prior to the commencement of the class/program. Alternative credit may be accepted toward requirements leading to a student's Hollis Brookline High School diploma if approved by administration. It should be noted that these courses will reflect credit on the HBHS transcript if they are taken at an accredited high school. Official transcripts must be provided to the school registrar. See your counselor for more information.

1. **College/University Credit:** With prior approval from the principal and before the beginning of a semester, credit can be accepted for college level courses. All applications must be completed and approval granted from the principal. High school credit will be granted for a semester college course provided that a passing grade is earned.
2. **Online Courses:** With prior approval from the principal, credit may be earned by successfully completing online or distance learning courses, such as the Virtual Learning Academy Charter School, BYU, etc.
3. **Independent Study:** With approval from the principal and prior to the beginning of a semester, credit may be earned for academic independent study projects that will be coordinated, supervised, and evaluated by a Hollis Brookline High School faculty member. An alternative credit application must be completed and permission granted prior to commencement of the study project. Teachers must be certified in the course content area. Independent Study courses fulfill free choice and restrictive elective graduation requirements and are graded **Pass** or **Fail**.
4. **Out-of-District Placement:** The number of high school credits granted for courses, offered at out-of-district special education approved day and residential programs, will be determined by the principal upon successful completion of the courses.
5. **Study Abroad:** With prior approval of the principal, credit may be earned while studying abroad in a certified program. The courses taken should be in line with Hollis Brookline High School graduation requirements; otherwise, participation in a study abroad program may delay graduation. See your counselor for more information.

## Summer Enrichment

Students are encouraged to participate in summer enrichment experiences. These programs are seen as enrichment only and do not qualify for credit. Programs such as People to People, St. Paul's Advanced Studies Program, Summer Institute, and language immersion programs do not qualify for academic credit. See your counselor for more information.

## Grade Policies

### Grade Reporting

Grades are reported quarterly via the PowerSchool parent portal four times a year. A student's quarterly grade, mid-term exam, final exam, and final grades appear in letter form. Assignment grades and attendance information is available to families through the PowerSchool Parent Portal. The letter grading system is outlined on page 13. Students have ten (10) school days from the date grades close to resolve any incomplete grades. Students with incomplete grades after that time will not be eligible for the Honor Roll. Mid-term and final exam grades appear on the parent portal and factor into the final course grade, but do not appear on transcripts.

**Power Announcement** messages will be sent as follows:

- At the end of each quarter notifying parents when term grades have been stored
- Mid-quarter for students who are receiving grades in the D/F range

Any parent who does not have access to a computer should inform the Registrar and a paper copy will be provided to the student.

### Transfer of Credits

All courses transferred in to Hollis Brookline High School are included in a student’s cumulative GPA. All attempts for courses taken outside of Hollis Brookline High School that have been approved with an Alternative Credit Application will be noted on the HBHS transcript, including grades of withdrawal or failure.

### **Audit Policy**

With the permission of the principal and the recommendation of the receiving and sending teacher, students may request to Audit a class they have previously taken. The purpose of the Audit is to repeat the course in an effort to further develop academic knowledge and build a stronger academic foundation. Students must complete an Audit Agreement (located in the guidance office) to be signed by parent, administration, teacher and school counselor. Please note: classes that are designated as audit do not meet the school requirement of carrying six classes in grades 9-11 or five classes for grade 12.

### **Grade Weighting**

Honors and AP courses from each major department carry more weight in calculating grade point average.

AP Biology	AP French	AP World History	Honors Choir
AP Calculus	AP Physics I	AP U.S. Government &	Honors French IV
AP Chemistry	AP Physics II	Politics	Honors Jazz Band
AP Computer Science	AP Psychology	AP U.S. History	Honors Literature
AP English Language	AP Spanish	Honors Anatomy &	Honors Pre-Calculus
AP English Lit. & Comp.	AP Statistics	Physiology	Honors Spanish IV
AP Environmental Science	AP Studio Art	Honors Chemistry	Honors U.S. Literature

## **HBHS Grade Scale**

### **GPA Point Value**

<b>Letter Grade</b>	<b>Weighted</b>	<b>Regular</b>	<b>Range</b>
A+	5.00	4.33	97 - 100
A	4.67	4.00	93 - 96
A-	4.33	3.67	90 - 92
B+	4.00	3.33	87 - 89
B	3.67	3.00	83 - 86
B-	3.33	2.67	80 - 82
C+	3.00	2.33	77 - 79
C	2.67	2.00	73 - 76
C-	2.33	1.67	70 - 72
D+	2.00	1.33	67 - 69
D	1.67	1.00	63 - 66
D-	1.33	0.67	60 - 62
F	0.00	0.00	Below 60

### **Grade Point Average**

A student’s Grade Point Average (GPA) is determined at the end of each year. HBHS utilizes a partially-weighted system to calculate GPA. The highest possible GPA in freshman year is 4.33. Inclusion of weighted courses in sophomore through senior year raises the GPA scale to 5.00. Thus, the highest cumulative GPA at the end of sophomore year is 4.52; junior year is 4.55, and 4.66 at the end of senior year. This GPA

calculation is based on a student enrolled in six weighted courses per year. However, due to scheduling ~~constraints~~**constraints**, some students may not be able to enroll in all weighted courses he/she requested during the course selection process. GPAs are recorded on the transcript both by year and cumulatively, and will be noted on the final report card of the year. **Hollis Brookline High School does not rank its students.**

**Note:** *Dropping a class after the add/drop period will be reflected on a student's official transcript. If a student withdraws from a class mid-quarter, a grade of WP or WF will be awarded based on the grade at the time of withdrawal and will not be factored into the calculation of GPA. If a student withdraws from a class at the quarter, the quarter grade will be entered and a WP or WF will be entered for the final grade. Any quarter grade of WP or WF prohibits students from being eligible for the quarter honor roll in which the withdrawal grade is awarded.*

## **Academic Progress Reports**

Academic Progress is available to all students and parents at all times through the PowerSchool Parent Portal. General guidelines regarding the grade book are as follows: teachers will post grades generally within 10 days from the due date and will indicate, in the PowerSchool grade book, a missed assignment within 3 days of the original due date. These reports inform students and parents about the progress or lack of progress that has taken place. In many instances, unsatisfactory and failing grades should be followed by a student-parent-teacher conference. Parents may also want to discuss any difficulties that their son/daughter might be experiencing with their child's counselor.

All seniors are notified in writing of their graduation requirements at the start of senior year and after mid-term exams. At the end of third quarter an additional letter will be sent for those students in danger of failing a graduation requirement. These notices are intended to keep students and parents informed of graduation progress and any deficiencies that may impede graduation.

## **CAVBlock**

Students in grades 9-11 meet in their assigned CAVBlock three times per week to confer with teachers, collaborate with peers, and complete assignments. During this 45-minute period, students may sign up for enrichment activities, access the library, attend school assemblies, Guidance Department programs, and other scheduled school programs. Learning labs are available for those students who require additional classroom help.

## **Honor Roll**

The scholastic Honor Roll is prepared and published at the end of each marking period to recognize outstanding academic achievement. Students must be carrying a minimum of six classes at Hollis Brookline High School to be eligible for honor roll designation. Students who drop a class and receive a grade of **WP** or **WF** as a quarter grade will be ineligible for honor roll for that term.

There are two honor roll classifications:

**High Honors:** Students who have received a grade of A- or higher in all subjects

**Honors:** Students who have received a grade of B- or higher in all subjects

## **Senior Options**

The Senior Options Program allows 12<sup>th</sup> grade students in good academic standing to manage their time during the day when they are not scheduled for a class. The following privileges are available to seniors during their unassigned period.

- Use of the library, cafeteria and, when available, computer labs, music rooms and gym.
- The option of arriving to school after 7:15am but prior to their first scheduled class, or leaving after their last class of the day, but prior to 2:24pm.

## Course Registration Procedures

Course registration begins in January/February for returning high school students and in February for 8<sup>th</sup> grade students. The process is announced by teachers and the Guidance Department, to provide students and parents information to make appropriate course selections. Many courses have prerequisites and core courses require approval from the current teacher for enrollment. Students should discuss levels with their current teachers or core class instructors to ensure correct placement in courses. Courses are prioritized on a first-come/first-served basis once course registration closes; therefore, course registration deadlines are important. When courses fill, a wait list is established to ensure students have a fair opportunity to enroll in the classes. Students should always work with their counselor if they have any questions or concerns.

## Restrictions on Course Selection

Students should choose electives at the grade level for which they are listed; however, upperclassmen may choose electives below their grade level providing there are no conflicts and there is space available.

## Teacher Recommendations/Overrides

Teachers recommend the appropriate course selection for students. Experience has confirmed our belief that a student's current teacher is the most qualified person to make this recommendation based not only on the student's performance, but also on the teacher's evaluation of the student's potential and ability.

At times, parents may disagree with the teacher recommendation. When this occurs, we strongly encourage you to discuss the course selection with your child, the teacher and school counselor. Parents and students are highly cautioned about completing a **Course Override Form**. If a parent overrides a teacher recommendation and the student begins to experience difficulty in the class, **moving the student to a lower level may not be possible. In addition, your child's transcript will permanently reflect a grade of WP (withdraw/pass) or WF (withdraw/fail).** Please consider this decision carefully before taking this course of action. **Students who receive a quarter grade of WP or WF are ineligible for the quarter Honor Roll. An HBHS Override Form cannot be used to deviate from the scope and sequence of HBHS courses.**

## Add/Drop Procedures

During the initial course registration phase students are asked to make their selections carefully since staff is hired and resources are allocated based on these requests. Once the master schedule is developed, **course changes are very limited.** In the event that a schedule adjustment is necessary, an add/drop period at the beginning of each semester allows students to enroll in the courses they request in a fair and equitable manner. Those who have an incomplete schedule or are in need of a graduation requirement are seen immediately. Add/Drop begins two days after the first full day of the fall semester and runs for three days. Full year courses may only be dropped during the fall add/drop period. Second semester add/drop begins two days after the start of the spring semester and runs for two days. Only second semester courses can be adjusted at this time. Students must see their counselor and not the classroom teacher in order to make schedule changes. Wait lists are put in place to ensure fairness in the process, and students must attend the classes on their current schedule until changes have been made and a new schedule is processed by the Guidance Department.

**Note:** *Requests for class placement and/or specific teachers are not allowed. Students may not drop a full*

*year course after the fall semester add/drop period.*

## **Level Changes**

If a student is identified as inappropriately placed in a core course a request may be considered to change the level of the course. Level changes, when necessary, are considered at the 1<sup>st</sup> and 2<sup>nd</sup> quarter. The quarter grade will be entered for the course the student has been attending. A level change will result in a WP or WF entered for the final grade. The teacher of the new course will award grades for the remaining quarters and a student's GPA will be calculated based on the weight of the course when credit is awarded.

## Overview of College Admission Requirements

The choice of a high school curriculum and course selection may limit or enhance college entrance opportunities and achievement in college. Students are strongly encouraged to take as demanding a schedule as possible where they will be successful. Most successful candidates for admission to college have taken *at least* four years of English, three plus years of college preparatory mathematics, laboratory science, and social studies. Successful candidates have also completed three years of study in a single world language. However, students must read specific college catalogs to be certain of their particular requirements especially in areas such as engineering, nursing and physical therapy. A major factor leading to success in college admission and as a college student is the academic preparation a student achieves in high school. Students need to consider this as they plan for their course selection each year.

The Guidance Department has developed a College Admission Handbook that reviews four-year course planning and the college admission process in detail. The handbook is available only through the Guidance website. Colleges are classified according to the selectivity of their admission requirements. Students should review these categories carefully as they plan for college.

### **College Selectivity**

Colleges may be classified according to their standards for admission. Students should carefully review these categories as they plan for college.

#### **Most Competitive**

Even superior students will encounter a great deal of competition for admission to these colleges. In general, these colleges require a class rank in the top 10 percent and grade point averages of 4.0 and above. The strongest curriculum possible in high school is required. Average test scores of admitted students are 700 to 800 on each section of the Critical Reasoning SAT and 30 or above on the ACT. These colleges typically require at least three SAT Subject tests. These colleges admit only a small percentage of those who apply.

#### **Highly Competitive**

This group of colleges is looking for students with minimum grade point averages of 3.8 and accepts most of their students from the upper 10 to 20 percent of the high school class. A very strong high school curriculum is required. Average test scores of admitted students are 650 to 800 on each section the Critical Reasoning SAT and 28 and above on the ACT. These colleges recommend that prospective students take at least three SAT Subject tests.

#### **Very Competitive**

The colleges in this category admit students whose grade point averages are no less than 3.6 and above, who rank in the top 25-30 percent of their graduating class, and who have taken a solid college preparatory and honors program in high school. Average test scores are in the 600 to 700 range on each section of the Critical Reasoning SAT and from 28 and above on the ACT.

#### **Competitive**

These schools enroll students with average test scores from 500 to 650 on each section of the Critical Reasoning SAT and from 23 to 28 on the ACT. Many colleges require a grade point average of 3.0-3.3 or higher in a solid college preparatory curriculum. Generally, these colleges prefer students in the top 30 to 40 percent of the graduating class.

**Less Competitive**

The colleges in this category look for students in the upper half of their graduating class who have taken a college preparatory program and have scored around 500 on each section of the Critical Reasoning SAT and 20-26 on the ACT. They admit students with a GPA range of 2.5.

**Noncompetitive**

Colleges in this category require only evidence of graduation from an accredited high school program or equivalent. Some require entrance examinations for course placement purposes.

**Special Colleges**

These colleges feature specialized programs of study. They include professional schools of art, music, or theater arts, or seminaries preparing students for the clergy. In general, admission requirements are not based on academic criteria but on evidence of talent or special interest in the area of study and often require an audition or portfolio of the student's work in order to be admitted.

**Post High School Education**

Some students benefit from a post graduate year of study. Students who do not feel academically, socially or emotionally ready to attend college have often found success with this option after graduation. There are a variety of schools that offer this year of study that helps students solidify their academic foundation enabling them to move on to a collegiate experience of their choice.

**Post-High School Employment**

Students who are interested in going on to a career immediately after high school may take advantage of career opportunities offered throughout their high school experience in order to enhance their opportunities. Employers will base their decision to employ a student on a variety of factors. These factors include high school diploma, grades, attendance record, recommendations from teachers and counselors, extracurricular activities, and personal characteristics.

**Gap Year Programs**

Students who would like to pursue a year of community service or volunteer opportunities prior to enrolling in college can pursue various Gap Year programs. The Guidance office has lists of organizations that offer various programs such as City Year, Habitat for Humanity, ~~Dynamy~~ Internships, and many more.

# Career Education

Registering for the following courses require that students follow an **application process** and that they work with their school counselor.

**H976. Internship 1** **Gr. 12** **.5 Credit** **Semester**  
*Prerequisite: Students must complete an internship application.*  
(Career Education)

This course is designed for a limited number of motivated students seeking career exposure in a specific field. You must complete the application available in the Guidance Office and then meet with the school counselor about placement and availability. Acceptance into this course is based on attendance, GPA and discipline record. Students may earn up to one academic credit for Internship. Students are required to work at a career-focused job site for a minimum of 70 hours. Students will have scheduled meetings to review course progress. Interns will ~~keep~~keep a weekly journal, log hours, and complete a final career presentation.

**H977. Internship 2** **Gr. 12** **.5 Credit** **Semester**  
*Prerequisite: Students must complete an internship application.*  
(Career Education)

This course is designed for students who would like to extend their Internship 1 placement, with approval from the work site mentor. Course expectations are consistent with the Internship 1 Course.

**H1001. Work Study 1** **Gr. 11-12** **.5 Credit** **Semester**  
*Prerequisite: Students must be employed three weeks prior to enrolling in this course.*  
(Career Education)

By participating in this paid, out-of-school employment experience, students will increase work skills for employability and increase self-confidence for workplace readiness. Students must make an appointment with the school counselor to review course expectations and to complete paperwork. Student must return a contract signed by the employer and must submit documentation that he/she is working a minimum of ten hours per week. Students will meet with ~~a counselor~~a counselor as scheduled, to review fulfillment of work that is directly related to the employment experience. In order to remain in this course, students must complete the above requirements when they are due and receive positive performance reports from their employer.

**Note:** Termination of employment by either the student or the employer prior to the end of the term will result in a grade of WF (withdraw/fail) and loss of credit.

**H1002. Work Study 2** **Gr. 11-12** **.5 Credit** **Semester**  
*Prerequisite: Students must be employed three weeks prior to enrolling in this course.*  
(Career Education)

This course is designed for student who would like to extend in their work study placement. Course expectations are consistent with the Work Study 1 program.

**H975. Aide Positions****Gr. 11-12****.25 Credit****Semester**

Aide positions are available in the following departments: Academic teachers, Office, Guidance, Library, Athletics and Health Office. Students must gain permission from the requested faculty member as well as school counselor, administrator, and parent to pursue this credit. Grades are awarded as Pass/Fail only and students cannot earn more than 1 credit during their high school career. Pass/Fail grades do not count toward a student's GPA.

*Please note:* Students may only **TA** in a course they have previously completed.

*For **Career and Technical Education Programs** offered at other high schools  
Please see page 70 for course descriptions and information.*

# Computer & Technology Education

HBHS is now [partnering](#) with Project Lead the Way. As outlined on their website, the **PLTW Engineering Program** provides opportunities to develop highly transferable skills in collaboration, communication, and critical thinking, which are relevant for any coursework or career. It is more than just another high school engineering program. It is about applying engineering, science, math, and technology to solve complex, open-ended problems in a real-world context. Students focus on the process of defining and solving a problem, not on getting the "right" answer. They learn how to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation.

**PLTW** courses may be offered as a dual-credit enrollment with New Hampshire Institute of Technology.

## **H352. ICT Digital Portfolio (ICT)**

**Gr. 9-12**

**.5 Credit**

Demonstration of competency in Information and Communication Technology (ICT) is required by New Hampshire State Graduation Requirements. All students will complete a digital portfolio using artifacts created in regular content courses. Completion of this portfolio is graded Pass/Fail.

## **H356. Introduction to Graphic Arts**

**Gr. 9-12**

**.5 Credit**

**Semester**

(Practical Arts)

Using *Adobe Illustrator, Photoshop, and InDesign*, students learn the art of combining graphic design principles (line, shape, color, value, texture, and form) with typography to visually and creatively communicate information.

**Please note:** ~~Beginning with the class of 2020, this course does not fulfill the arts requirement.~~

## **H363. Web Page Design**

**Gr. 10-12**

**.5 Credit**

**Semester**

(Practical Arts)

The presentation of website content has to look good, but it also has to be easy to navigate so visiting the site is a positive experience. Good web design requires balanced attention to both a site's graphic design and to its functionality. Similarly, this course provides balanced instruction in applying elements of visual design and in using web authoring tools to bring design ideas to fruition. These tools include XHTML, Flash, and Cascading Style Sheets (CSS). Software used will include *Adobe Dreamweaver* and *Flash*. Students will apply what they are learning about web design to create real sites for real clients.

## **H353. Computer Science Principles**

**Gr. 9-12**

**.5 Credit**

**Semester**

*formerly known as Intro to Computer Science*

(Practical Arts & ICT)

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, Computer Science Principles prepares students for future computer sciences courses, college and career.

**Please note:** *Students who completed Intro to Computer Science are not eligible to enroll in this course.*

**H362. Advanced Placement Computer Science****Gr. 10-12****1 Credit****Full Year**Weighted Course

*Prerequisite: A grade of B or higher in Algebra 2 or permission of Department Chair (Practical Arts & ICT)*

This course is an introduction to the Java programming language and prepares students for the AP Computer Science exam. It is designed to give students a foundation in programming methodology and Java syntax. Topics include primitive data types, arithmetic, relational, and assignment operators, string concatenation, input/output, decision and looping structures, and arrays. Emphasis is placed on programming methodology, recursion procedural abstraction, algorithms, data structures, and data abstraction.

**Note:** Successful completion of the AP Computer Science exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Computer Science exam at the end of this course for a fee of approximately \$95, payable to the College Board. Financial assistance is available to those who qualify for SAT waivers.

**H358. Computers & Technology****Gr. 9-12****.5 Credit****Semester**

(Practical Arts &amp; ICT)

This course will introduce students to skills needed to perform many tech-support tasks. Designed as a hands-on course, students will analyze computer components, study network design and troubleshooting as well as installation of software and hardware.

**H704. Robotics 1****Gr. 9-12****.5 Credit****Semester**

(Practical Arts)

In this project-oriented, hands-on course, students will be exposed to basic robotics, simple machines, open-looped and closed-loop systems, sensors, feedback, and real world robotics applications. Students will use Mind storm kits to experiment with robotics and robotic mechanisms. This class requires students to work independently as well as in a group. This class is for self-motivated students with an interest in technology, robotics, or gadgets.

**H705. Robotics 2****Gr. 9-12****.5 Credit****Semester**

*Prerequisite: Grade of "C" or better in Robotics 1 or permission of Department Chair (Practical Arts)*

This is a highly project-oriented, hands-on course that teaches students various aspects of robotics technology. Students explore many topics, including the physics of motion, control systems, microprocessors, programming, sensors, and robot fabrication techniques. Students gain first-hand experience creating small, functional, mobile robots for a variety of tasks.

**H710P. PLTW Digital Electronics****Gr. 10-12****1 Credit****Full Year**

*Prerequisite: Algebra 1 or permission of Department Chair (Practical Arts)*

This is a hands-on pre-engineering course that teaches electronics, from basic circuit and electrical principles to digital concepts and devices. Students learn through theory and practice about electricity, digital logic, Boolean algebra, simplification, programmable logic devices, microprocessors, and a vast array of related topics. This course is an excellent introduction for students who are considering electrical

engineering as a career path. This is a hardware course with limited programming content.

*Note: This course is taught as a dual-credit enrollment with the New Hampshire Institute of Technology. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NHTI as well as 1 credit from HBHS. There is a mandatory \$150 NHTI course fee.*

*\*\* There is a possibility that students will be able to choose to get their dual enrollment credit through the Rochester Institute of Technology instead.*

**H701P. PLTW-Intro to Engineering Design**

**Gr. 9-12**

**1 Credit**

**Full Year**

*Prerequisite: Algebra 1  
(Practical Arts)*

In this ~~course~~, Project Lead The Way course, students will dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

**Note:** This course may be offered as a dual-credit enrollment with New Hampshire Institute of Technology.

*Note: This course is taught as a dual-credit enrollment with the New Hampshire Institute of Technology. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NHTI as well as 1 credit from HBHS. There is a mandatory \$150 NHTI course fee.*

*\*\* There is a possibility that students will be able to choose to get their dual enrollment credit through the Rochester Institute of Technology instead.*

**H706P. PLTW Principles of Engineering**

**Gr. 10-12**

**1 Credit**

**Full Year**

*Prerequisite: Algebra 1 and Geometry; should be taken concurrently with Algebra 2, or permission of Department Chair  
(Practical Arts)*

This course explores basic engineering concepts in an exciting hands-on environment. Topics include simple machines, strength of materials, thermodynamics, statistics, and structure strength. Through project-based learning, students discover the many fields of engineering, including electrical and mechanical. This course includes challenging projects, using a wide variety of technology tools that complement the course material.

*Note: This course is taught as a dual-credit enrollment with the New Hampshire Institute of Technology. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NHTI as well as 1 credit from HBHS. There is a mandatory \$150 NHTI course fee.*

*\*\* There is a possibility that students will be able to choose to get their dual enrollment credit through the Rochester Institute of Technology instead.*

~~Note: This course may be offered as a dual-credit enrollment with New Hampshire Institute of Technology.~~

**H262. Senior Quest**

**Gr. 12**

**1 Credit**

**Full Year**

*A cross-disciplinary 21st Century independent project  
Prerequisite: By application only. Limited to 30 students.  
Elective Credit is Awarded*



A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore an subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

***Senior Quest: Honors-by-Contract***

***Weighted Course***

*Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.*

# English

All students need 4.5 English credits for a Hollis Brookline High School diploma. These credits include **Grade 9:** English Nine, 1 credit; **Grade 10:** English Ten, 1 credit and Writing, .5 credit; **Grade 11:** U.S. Literature, Honors U.S. Literature or AP English Language, 1 credit; **Grade 12:** English electives.

## H111. English Nine Read

Gr. 9

1 Credit

Full Year

*Prerequisite: Recommendation of Department Chair and/or Case Manager*  
(English Nine)

English Nine Read is a basic, introductory language arts course designed to meet the needs of students deficient in reading skills. Students work extensively in the areas of vocabulary building and reading development. Admission to the course will depend, in part, on the results of standardized reading tests. Other factors to be considered are teacher recommendations and other school specialists' input.



## H112. English Nine

Gr. 9

1 Credit

Full Year

(English Nine)

English Nine is an introductory language arts course. Areas of study are composition, reading, vocabulary development, reading development, literature, research and library skills, and daily language activities focusing on punctuation, grammar, and usage. The reading list includes an introduction to selected classic and contemporary literature, surveying the genres of the short story, the novel, drama, and poetry. Students develop skills in reading for detail as well as for overall comprehension. They refine their understanding of paragraph development and practice basic techniques of writing in various forms, including the essay. Students practice oral communication skills through participation in a speech unit.



## H113. Accelerated English Nine

Gr. 9

1 Credit

Full Year

(English Nine)

Accelerated English Nine is intended for those students who have demonstrated a mastery of many of the skills detailed in the English Nine course description. They should write proficiently, read insightfully, and articulate skillfully. Areas of study include those listed for English Nine, with additional emphasis on more intensive literary interpretation. Admission to this course is based on the recommendation of the student's 8<sup>th</sup> grade English teacher. (*Students who select this class will be required to complete reading/assignments during the **previous** summer.*)

## H121. English Ten Read

Gr. 10

1 Credit

Full Year

*Prerequisite: Recommendation of Department Chair and/or Case Manager*  
(English Ten)

English Ten Read is a continuation of English Nine Read. An emphasis on oral reading is intended to sharpen fluency and comprehension. There will be a continuation of essay writing for a variety of purposes with an emphasis on organization of ideas. Special units of study may include study skills, test-taking skills, speaking and listening skills, reading comprehension, and grammar, as needed. Admission to the course is based on the recommendations of the student's 9<sup>th</sup> grade English teachers.

**H122. English Ten****Gr. 10****1 Credit****Full Year***Prerequisite: English Nine*  
(English Ten)

English Ten is a continuation of English Nine, focusing on composition, vocabulary and reading development, literature, and daily language activities in punctuation, grammar, and usage. Composition work is expanded to include longer formal and informal essays. The study of the novel, play, short story, and poetry emphasizes more sophisticated methods of literary analysis. The literary essay may be introduced as an additional genre. Students practice oral communication skills through participation in a speech unit. The course also includes weekly vocabulary development and the basic library skills necessary to complete a research project or paper.

**H123. Accelerated English Ten****Gr. 10****1 Credit****Full Year***Prerequisite: A grade of B- or higher in English Nine and teacher recommendation*  
(English Ten)

Accelerated English Ten includes those areas listed in English Ten, with emphasis on abstract, critical thinking, literary criticism, and more extensive library research. Admission to Accelerated English Ten is based on the recommendation of the student's 9<sup>th</sup> grade English teacher. (*Students who enroll in this course will be required to complete a summer assignment prior to the start of class.*)

**H136. Writing****Gr. 10****.5 Credit****Semester**

(Writing)

This 10<sup>th</sup> grade requirement is a half-year course that improves students' performance in the four domains of descriptive, narrative, expository, and persuasive writing. Course work includes basic skills needed in everyday written communication and in academic assignments, as well as writing for enjoyment. Student evaluation is based on all the stages of the writing process, including drafting, revising, editing, and final product. Students are expected to participate in teacher conferences and peer response groups in order to develop the ability to evaluate, revise, and edit writing. As a major unit, students will demonstrate mastery in a culminating project that includes a formal research paper; students may be required to present parts of this project to their classmates.

**H136C. College Composition (Writing)****Gr. 10****.5 Credit****Semester***Prerequisite: Recommendation of 9<sup>th</sup> grade teacher*

**Note:** *This 10<sup>th</sup> grade course is taught as a dual-credit enrollment with Nashua Community College. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NCC as well as .5 credit from HBHS. There is a mandatory \$150 NCC course fee plus \$50 for a required text.*

Students learn to write clearly and effectively for defined audiences through a range of strategies. Emphasis is on the writing process from pre-writing through drafting, revising, and editing. Students gain confidence by learning the basic principles of effective expository composition and the application of these principles in writing essays and documented papers. Students become aware of the variety of strategies, behaviors, habits, and attitudes and choose those that help them improve. Students also will read and examine an assortment of writers and writing styles.

**H132. Fundamentals of English****Gr. 11-12****1 Credit****Full Year***Prerequisite: Recommendation of Department Chair and/or Case Manager*  
(U.S. Literature)

This course is designed to strengthen the basic skills of reading, writing, speaking, and listening. Emphasis

will be placed on developing and strengthening oral and independent reading skills. Students will write for a variety of real-world and academic purposes and use these skills to successfully analyze, interpret, and explain different kinds of information. Course readings focus on a mixture of fiction and nonfiction texts. In addition to reading and writing, units will focus on developing and reinforcing communication skills. Placement in this course is determined by teacher referral, departmental assessments, or performance on required state assessments.



**H151. United States Literature**

**Gr. 11**

**1 Credit**

**Full Year**

*Prerequisite:* English Ten  
(U.S. Literature)

This course involves reading and interpreting texts in a variety of genres, from a wide range of writers from different periods in American literary history. Material is organized around a number of specific themes, including, for example, “Individual Needs and Social Expectations,” “The Nature of American Freedom,” “The American Dream,” “Times of Conflict,” and “The Expanding Nation.” Students are taught to read with greater understanding and insight, exposed to numerous on-demand writing experiences, and expected to participate productively in large and small group discussions. The course also includes weekly language activities focused on punctuation, grammar, and usage, as well as a year-long vocabulary program. Students will also complete a research paper incorporating literary criticism.



**H171. Honors United States Literature**

**Gr. 11**

**1 Credit**

**Full Year**

*Weighted Course*

*Prerequisite:* A grade of **B-** or higher in English Ten and teacher recommendation  
(U.S. Literature)

This course is recommended for students who have demonstrated that they can both read with advanced understanding and insight as well as write with sophisticated voice and purpose. Honors United States Literature students must demonstrate competency in formal writing, public speaking, critical thinking, prepared academic discussion, independent study, and well-developed listening and note-taking skills. Furthermore, students electing this honors-level course do so with the expectation of lengthy daily reading assignments and frequent, challenging research and critical analysis essays. The course also includes weekly language activities focused on punctuation, grammar, and usage, as well as a year-long vocabulary program. The requirements and subject matter of this course are designed as a preparation for post-secondary education and demand a personal and academic commitment. Students will be exposed to a variety of literary genres and a myriad of works by American authors.

**Note:** *Students will be required to complete a summer assignment **prior** to the start of class.*



**H154. Advanced Placement English Language & Composition**

**Gr. 11**

**1 Credit**

**Full Year**

*Weighted Course*

*Prerequisite:* A grade of **B-** or higher in English Ten and teacher recommendation  
(U.S. Literature)

This college level course involves the reading and interpretation of representative texts in a variety of genres. The AP English Language curriculum balances fiction and non-fiction helping students deepen their understanding and awareness of how language works by focusing on three skills: analysis (with a focus on rhetoric), argument, and synthesis. Students focus on nonfiction (essays, biographies, autobiographies, speeches, newspaper and magazine articles) as well as texts by a number of classic American authors. Students will consider the visual media that surrounds them whether spoken, displayed, or broadcasted. Students will write timed essays in class as well as completion of essays requiring multiple drafts, revision conferencing and final proofreading. essays from multiple drafts, including an independent research project. This course is recommended for students who have an appreciation for language, have demonstrated they can read with considerable understanding and

insight, and can write correctly, effectively, and gracefully. Students electing this AP course should expect longer daily reading assignments as well as frequent, challenging writing assignments. *Students will be required to complete an extensive and demanding ~~reading program assignment~~ during the summer.*

**Note:** Successful completion of the AP English Language exam may entitle the student to receive college credit, depending on the policy of the college and the test score. Students are expected to take the AP English Language exam at the end of this course for a fee of approximately \$95, payable to the College Board. Financial assistance is available to those who qualify for SAT waivers.

## The Elective Program in English

The English elective program offers students an opportunity to select courses that serve their individual interests and needs. It is designed to provide students with a range of academic ~~choices~~ choices aligned with the HBHS Core Values. ~~that foster the academic, social, and civic expectations of the HBHS Core Values~~. Accordingly, all English electives promote the following skills: reading and writing fluently, expressively, and accurately; listening and speaking with sensitivity and discrimination; problem solving logically and analytically; using creative abilities in original and productive ways; and using critical abilities to recognize and value excellence and quality.

The degree of course difficulty varies within the program. Students and parents should read the course descriptions carefully to ensure selection of the appropriate elective. Degree of difficulty is clarified in the course description. At times, specific recommendations are included to assist in the selection.



### **H184. Advanced Placement English Lit. & Composition**

**Gr. 12**

**1 Credit**

**Full Year**

#### Weighted Course

*Prerequisite: A grade of B- or higher in 11th grade English and teacher recommendation (English)*

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of literature. Through the close reading of selected texts, students will develop their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students will consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Writing is an integral part of this course: assignments will focus on the critical analysis of literature and include expository, analytical, and argumentative essays. Units include practice in timed-essay writing and applying the various forms of literary criticism. Although critical analysis makes up the majority of student writing for the course, well-constructed creative writing assignments help students see from the inside how literature is written. Participation in the course will be based on previous grades and departmental recommendation. Students electing this AP course should expect longer daily reading assignments as well as frequent, challenging writing assignments. *Students will be required to complete an extensive and demanding ~~reading program assignment~~ during the summer.*

**Note:** Successful completion of the AP English Literature exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP English Literature exam at the end of this course for a fee of approximately \$95, payable to the College Board. Financial assistance is available to those who qualify for SAT waivers.



### **H137. Advanced Writing**

**Gr. 11-12**

**.5 Credit**

**Semester**

*Prerequisite: Writing (English)*

This course is designed to meet the needs of motivated, disciplined writers. Course content focuses on fiction, prose, personal essays, poetry and writing portfolios. The instructor encourages students to contact colleges, pursue publication opportunities, and enter creative writing contests, to extend students' mastery of the writer's craft. Students produce a portfolio of work, which they may use as a part of their college application.

**H146. Advanced Media & Publishing** Gr. 11-12 1 Credit Full Year  
**H147. Advanced Media & Publishing** Gr. 11-12 .5 Credit Semester

*Prerequisite: Grade of B- or higher in Journalism 1 and one other writing elective and/or permission from instructor.*

(English)

Students in this course oversee, contribute to, and produce one or more of the following: the CavChronLINE (online newspaper), the *Excalibur* yearbook, ~~or Genres, a school-based literary magazine.~~ AMP students fulfill leadership roles such as editor-in-chief, assistant editor, or section/media editor, and are expected to commit after-school hours to one of the school's publications for a semester or a year. In addition to gaining skills in writing, media production, and publishing, students learn necessary skills to help run an organization and produce a product that reaches a community of readers and consumers.



**H164. Film Studies** Gr. 10-12 .5 Credit Semester  
 (English)

This introduction to film studies is designed to help students develop a greater appreciation for film. Students will explore and analyze elements of classical and contemporary films in a wide variety of genres through literary, dramatic, and cinematic lenses. In addition, students will examine basic film theory and criticism from an historical and cultural perspective. Evaluation will be based on oral and written expression, independent projects, and assigned readings.



**H180. Honors Literature** Gr. 12 1 Credit Full Year  
**H183. Honors Literature** Gr. 12 .5 Credit Semester

*Prerequisite: A grade of B- or higher in 11th grade English and teacher recommendation*  
Weighted Course

(English)

Honors Literature is an advanced level program intended for students who have demonstrated a high aptitude in the areas of reading comprehension, literary interpretation, and writing about literature. Honors Literature students read substantial portions of the Bible and numerous texts from the literatures of Greece and Rome. In addition to improving traditional language arts skills, the examination of this important body of literature enhances and enriches students' engagement with all Western literature and history, preparing them for college-level humanities courses.

**Note:** *Students will be required to complete an extensive and demanding summer ~~reading program assignment~~ prior to the start of class. Students may sign up for a semester or a full year class.*



**H140. Journalism 1** Gr. 10-12 .5 Credit Semester  
 (English)

Students in this course learn and apply twenty-first century writing technology and communication tools. Additionally, students will serve as staff writers, design members, marketing team members, and staff photographers for ~~one or more of the following:~~ CavChronLINE (online newspaper) and the *Excalibur* yearbook, ~~and Genres, a school-based literary magazine.~~ Because yearbook. Because students in this

course work on real projects with real consumers, this course also provides hands-on experience for the world of work, including functioning as part of a team, meeting project deadlines, working with new technology, and communicating with the public.

**H150. Journalism 2****Gr. 10-12****.5 Credit****Semester**

*Prerequisite: A grade of B- or higher in Journalism 1*  
(English)

Students in this course continue to learn twenty-first century writing technology and communication tools. Additionally, students will serve as staff writers, design members, marketing team members, and staff photographers for ~~one or more of the following:~~ CavChronLINE (online newspaper) the *Excalibur* yearbook, ~~and Genres, a school based literary magazine.~~ Because students in this course work closely with Journalism 1 students, the course also provides experience in peer-coaching and team leadership. Students produce a portfolio of work, which they may use as part of their college application.

**H138. Memoirs and Biography I****Gr. 11-12****.5 Credit****Semester 1****H133. Memoirs and Biography II****Gr. 11-12****.5 Credit****Semester 2**

(English)

This elective focuses on reading memoirs and biographies chronicling real-life situations in which individuals have overcome significant adversities. These adversities may range from overcoming racism, coping with and learning about serious illness, to surviving family hardships. The course involves reading memoirs, biographies, and autobiographies for enjoyment, comprehension, and interpretation. Students will also be expected to write memoirs based on personal experiences as well as other genres of writing. Each unit will also include vocabulary work, research and oral/visual projects, and daily language activities focused on punctuation, grammar, and usage.

**H139. Poetry****Gr. 11-12****.5 Credit****Semester**

*Prerequisite: Writing*  
(English)

Poetry focuses on the potential for beauty and communication inherent in the English language. Through both reading and writing, participants explore the secret lives of words, investigating how and why they exist in poetry and poetics. At the core of this course is the recognition that carefully chosen, effectively arranged words have the ability to evoke powerful thoughts and emotions in the reader. Students produce a portfolio of work, which they may use as part of their college application. Poetry is recommended for those students who intend to go on to post-secondary education.

**H141. Popular Reading****Gr. 11-12****1 Credit****Full Year****H143. Popular Reading****Gr. 11-12****.5 Credit****Semester**

*Prerequisite: Recommendation of Department Chair, and/or Case Manager*  
(English)

Popular Reading is intended for those students who enjoy reading, have difficulty with assigned reading in other English courses and require assistance with writing, organization and study skills. Alternating between fiction and non-fiction, students read novels, as well as newspapers, magazines, essays, biographies, and popular histories. Participants prepare written reactions to these readings and participate in daily discussions.



**H185. Science Fiction**  
(English)

**Gr. 10-12      .5 credit      Semester**

Science fiction often reflects the way we live in the twenty-first century and informs how we understand our world. This course will examine science fiction through some of its most influential works in the novel, short story, graphic novel and film formats. ~~although most of the reading will be short excerpts of larger works.~~ Students will be expected to respond to the readings via an online journal, participate in class discussions both online and in person, write short researched analysis pieces, and produce a creative piece using research. In addition, science fiction films (either whole or in part) will be viewed and analyzed. By the end of the course students are expected to have an understanding of the genre and identify its broad cultural impact.



**H152. World Literature**  
**H153. World Literature**  
(English)

**Gr. 12      1 Credit      Full Year**  
**Gr. 12      .5 Credit      Semester**

**Note:** This 12<sup>th</sup> grade course is taught as a dual-credit enrollment with Nashua Community College. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NCC as well as .5 credit from HBHS, per semester. There is a mandatory \$150 NCC course fee plus \$50 for a required text.

This course may be taken for college credit through the Running Start Program. Focus is on writing about literature. Reading selections range from ancient through modern texts from around the world including the British Isles, the Mediterranean, Western Europe, Africa, the Middle East, and Latin America. Discussion and writing about universal themes and issues in literature is the primary focus. Selections include readings from many genres: fiction, non-fiction, drama, poetry, and film. The course balances close reading of some selections and wide reading of others. Research or oral/visual projects as well as daily language activities focusing on grammar, punctuation, and usage are integrated into each unit. Structured essays that analyze and synthesize information from the readings are also components of the course.



**H262. Senior Quest**

**Gr. 12      1 Credit      Full Year**

*A cross-disciplinary 21st Century independent project*  
*Prerequisite: By application only. Limited to 30 students.*  
*Elective Credit is Awarded*

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore an subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

**Senior Quest: Honors-by-Contract**

Weighted Course

*Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.*



project.

**H832. Interior Decorating** **Gr. 9-12** **.5 Credit** **Semester**  
(Practical Arts)

This course explores the fundamentals of interior design. Students learn how to express their creativity through the use of color, line, texture, and space in a variety of hands-on projects. Furniture, the history of design, and careers are all explored.

**H620. Personal Finance** **Gr. 10-12** **.5 Credit** **Semester**  
(Practical Arts)

This course will focus on the six aspects of personal financing as outlined by The National Endowment for Financial Education: (1) The financial planning process, (2) Goal setting, (3) Career decisions entrepreneurship, (4) Budgeting and cash flow, (5) Insurance, and (6) Saving/Investing.

# Mathematics

Three (3) mathematics credits are required for graduation from Hollis Brookline High School; one of these credits must be Algebra 1. College-bound students should plan a sequence of courses through at least Algebra 2 to meet the entrance requirements of most colleges and universities. It is recommended that students have a grade of **C** or higher before moving to the next course.

**Beginning with the Class of 2019, all high school students must engage in a math experience for every year they are in high school until graduation.**

~~Beginning with the Class of 2019, all high school students must successfully complete a math course each year of their high school career. One of the four courses may be an instructionally math-embedded course, as approved by the COOP School Board. The following classes meet this criteria for the 2016-17 School Year: Physics: Principles and Problems, AP Physics I, AP Physics II.~~

The following chart shows the sequencing of mathematics courses at Hollis Brookline High School. Cross movement between levels is possible according to student performance and with teacher recommendation. Students will be advised by their current math teacher as to the next appropriate course in the sequence. **Incoming ninth grade students may be given a math placement exam at the conclusion of eighth grade to ensure proper placement. Results of this test may change course placement.** VLACs students must be issued a transcript showing credit earned prior to enrolling in the next course sequence at HBHS. Students seeking enrollment in an HBHS Accelerated/Honors course after taking a VLACs course have completed the Accelerated/Honors level of the previous VLACs course.

8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Grade 8 Math	Algebra 1A	Algebra 1B	General Geometry	General Algebra 2
Grade 8 Math	Algebra 1	Geometry	Algebra 2	Algebra 3/Trig Pre-Calculus
Algebra	Algebra 1	Geometry	Algebra 2	Algebra 3/Trig Pre-Calculus
Algebra	Geometry	Algebra 2	Pre-Calculus	Calculus AP Statistics
Algebra	Accelerated Geometry	Accelerated Algebra 2	Honors Pre-Calculus	AP Calculus AP Statistics

## H310. Individualized Math Program

Gr. 9-12

1 Credit

Full Year

*Prerequisite: Prior approval by Department Chair and Case Manager (Mathematics)*

The Individualized Math Program allows the student to work at his/her own pace to complete certain mathematics courses in the HBHS curriculum. Upon successful completion of course work, the transcript will reflect the content of the actual course completed.

**H311A. Algebra 1A**

**Gr. 9**

**1 Credit**

**Full Year**

*Prerequisite: Recommendation of 8<sup>th</sup> grade math teacher*  
(Mathematics)

The Algebra 1A and Algebra 1B program will allow students to take Algebra 1 over two years. Algebra 1A introduces students to the structure of algebra. The course begins with a unit on making connections from previous math to algebra and the rules of algebra. Students will work with expressions, solve, write and graph linear equations, graph linear inequalities, and graph systems of linear equations. Students are expected to perform basic computations without the use of a calculator. Throughout the course, reference is made to real-life applications.

~~H320. General Algebra 1~~

~~Gr. 10~~

~~1 Credit~~

~~Full Year~~

~~This course will become Algebra 1B in the 2017-18 School Year.~~

~~Prerequisite: Pre-Algebra (2017-18 Prerequisite: Algebra 1A)~~  
(Algebra 1)

~~This course includes operations with real numbers, polynomials, and rational expressions. Students will solve and graph linear equations and inequalities, solve and graph systems of linear equations, solve quadratic equations by factoring and work with radical expressions.~~

H311B. Algebra 1B

Gr. 10

1 Credit

Full Year

Prerequisite: Algebra 1A  
(Algebra 1)

This course will continue in the Algebra 1 curriculum where Algebra 1A left off. Topics will include writing and graphing linear equations and systems of linear equations to solve application problems, working with exponents, polynomials, and rational expressions. Students will solve quadratic equations by factoring and the quadratic formula and work with radical expressions.



**H312. Algebra 1**

**Gr. 9**

**1 Credit**

**Full Year**

*Prerequisite: Recommendation of 8th grade math teacher*  
(Algebra 1)

This course is designed to introduce students to the structure of algebra. Students solve linear and quadratic equations, graph linear equations and linear inequalities, solve and graph systems of linear equations and write linear equations. Students will work with exponents, polynomials, and factoring. Students are expected to perform basic computations without the use of a calculator. Throughout the course, reference is made to real-life applications.

**H327. General Geometry**

**Gr. 10-11**

**1 Credit**

**Full Year**

*Prerequisite: ~~General~~ Algebra 1B or Algebra 1*  
(Mathematics)

General Geometry stresses the applications of the structure of geometry. Emphasis is placed on applying definitions and conjectures. Topics include defined and undefined terms, angles, perpendicular lines, parallel lines, congruent triangles, similar polygons, circles, areas and volumes, quadrilaterals and constructions. Basic algebra skills are applied continuously to help enhance geometric concepts taught.

The course is not intended for students who wish to major in mathematics, science, engineering, or computer science.



### H324. Geometry

Gr. 9-11

1 Credit

Full Year

*Prerequisite: Algebra 1 ~~or Advanced Algebra 1~~ or permission of the department chair*  
(Mathematics)

This course introduces students to the applications of geometry in the real world. Each course unit has a real-world theme and utilizes a guided-discovery approach to learn the geometric concepts taught. Students will study angle relationships, triangles, quadrilaterals, other polygons, right triangle trigonometry, circles, and 3-D solids. Students will study geometric theorems, write mathematical proofs and make connections between algebra and geometry.



### H328. Accelerated Geometry

Gr. 9-10

1 Credit

Full Year

*Prerequisite: Recommendation of Algebra 1 teacher or permission of the Department Chair*  
(Mathematics)

The underlying goal of this course is to teach students to think analytically and creatively to solve thought-provoking and interesting problems. This course is designed to go beyond memorization and repetition to challenge students to think in new and creative ways. This course includes standard topics in geometry as well as trigonometry, literal equations, formula development, and connections between algebra and geometry. The accelerated-level student is expected to demonstrate a higher level of mathematical understanding and aptitude to enjoy being challenged by higher order thinking problems.

### H322R. Running Start Algebra 2 w/Applied College Mathematics Gr. 11-12 1 Credit Full Year

*Prerequisite: General Geometry, Geometry or permission of the Department Chair*  
(Algebra/Mathematics)

General Algebra 2-This course is a continuation of Algebra 1 topics. The course content includes algebraic relations and functions, properties of irrational numbers, rational exponents, quadratic equations and use of the quadratic formula, sketching quadratic relations, and real numbers as exponents. The topics are covered with the same skills used in Algebra 2, but in a less rigorous manner. The course is not intended for students who wish to major in mathematics, science, engineering, or computer science. ~~A graphing calculator (TI-84+) is required.~~

~~Note: This course may be offered as a dual-credit enrollment with Nashua Community College.~~

Note: This course is taught as a dual-credit enrollment with Nashua Community College. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NCC as well as 1 credit from HBHS. There is a mandatory \$150 NCC course fee.



### H321. Algebra 2

Gr. 10-12

1 Credit

Full Year

*Prerequisite: Accelerated Geometry, Geometry or permission of the Department Chair*  
(Algebra/Mathematics)

Algebra 2 is a continuation of Algebra 1 and is recommended for most college-bound students. The course content includes algebraic relations and functions, properties of irrational numbers, rational exponents, quadratic equations and use of the quadratic formula, sketching quadratic relations, real numbers as exponents, logarithms, and complex numbers. A graphing calculator (TI- 84+) is required.

## Running Start Algebra 2 with Applied College Mathematics

**H322. Running Start Algebra 2 w/Applied College Mathematics Gr. 11-12 1 Credit Full Year**  
**Prerequisite: General Geometry, Geometry or permission of the Department Chair**  
**(Algebra/Mathematics)**

This course is a continuation of Algebra 1 topics. The course content includes solving and graphing equations and inequalities including absolute value, polynomials, radical, and exponential functions, along with linear systems; modeling real world situations with the appropriate function; complex numbers; right triangle trigonometry; statistics and probability, including combinations and permutations; set theory; finance applications, including the compound interest formula. The course is intended for the college bound student, but not intended for students who wish to major in mathematics, science, engineering, or computer science.

**Note:** This course is taught as a dual-credit enrollment with Nashua Community College. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NCC as well as 1 credit from HBHS. There is a mandatory \$150 NCC course fee.



**H323. Accelerated Algebra 2 Gr. 9-11 1 Credit Full Year**  
***Prerequisite: Accelerated Geometry, Geometry, or permission of the Department Chair***  
**(Algebra/Mathematics)**

This course is intended for students with exceptional ability in mathematics. Students are expected to be capable of extensive critical thinking, problem solving, and synthesizing new material. The accelerated-level student is expected to demonstrate a higher level of mathematical understanding and aptitude and to readily grasp new mathematical concepts. All topics are covered in greater depth and additional topics are introduced. More emphasis is placed on multi-step problem solving. A graphing calculator (TI- 84+) is required.

**H325. Consumer Math Gr. 12 1 Credit Full Year**  
***Prerequisite: By recommendation from previous mathematics teacher, Department Chair, School Counselor and/or Case Manager***  
**(Mathematics)**

Students study the financial mathematical skills needed by consumers. This course focuses on personal finances, including gross pay, net pay, bank accounts, taxes, home expenses, budgets, loans and credit cards. Emphasis is placed on the use of technology and financial resources.



**H343R. Algebra 3/Trigonometry (\*\*Possible new Running Start ) Gr. 11-12 1 Credit Full Year**  
***Prerequisite: Algebra 2 or General Algebra 2***  
**(Mathematics)**

This fourth-year math course continues the study of mathematics with the focus on functions (quadratic, polynomial, exponential and logarithmic) and trigonometry. Emphasis is placed on real-life applications. A graphing calculator (TI-84+) is required.

**Note:** Students who have successfully completed Pre-Calculus may not take Algebra 3/Trigonometry. Students may not take Algebra 3/Trigonometry and Pre-Calculus concurrently. T

This course may be offered as a dual-credit enrollment with Nashua Community College.

**If we receive approval from NCC we will run the following statement:**

**Note: This course is taught as a dual-credit enrollment with Nashua Community College. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through NCC as well as 1 credit from HBHS. There is a mandatory \$150 NCC course fee.**



**H344R. Pre-Calculus (\*\*Possible new Running Start)**

**Gr. 10-12**

**1 Credit**

**Full Year**

**Prerequisite: Algebra 2**  
(Mathematics)

This course is divided into the following units: functions, graphs and applications, trigonometry, sequences and series, and analytic geometry topics involving graphing. The course stresses less theory and more mechanical application of the above topics. A graphing calculator (TI- 84+) is required.

**Note:** Students who plan to take AP Calculus must take Honors Pre-Calculus, not Pre-Calculus.

**Note:** This course may be offered as a dual-credit enrollment with Southern New Hampshire University.

**If we receive approval from SNHU we will run the following statement:**

**Note: This course is taught as a dual-credit enrollment with Southern New Hampshire University. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through SNHU as well as 1 credit from HBHS. There is a mandatory \$100 SNHU course fee.**



**H345. Honors Pre-Calculus**

**Gr. 10-12**

**1 Credit**

**Full Year**

**Weighted Course**

**Prerequisite: Accelerated Algebra 2 or permission of Department Chair**  
(Mathematics)

This rigorous Pre-Calculus course is divided into the following units: functions, graphs and applications, trigonometry including polar coordinates, sequences and series, and limits. The theory and application of pre-calculus topics is strongly stressed. A graphing calculator (TI 84+) is required.



**H346R. Calculus \*(Possible Running Start)**

**Gr. 11-12**

**1 Credit**

**Full Year**

**Prerequisite: Pre-Calculus or Honors Pre-Calculus**  
(Mathematics)

This is an introductory course in differential and integral calculus. Students study basic limit theorems, differentiation techniques and integration of polynomials and transcendental functions with applications of both. This course stresses the mechanics of calculus rather than its theory. A graphing calculator (TI-84+) is required.

**Note:** This course does **not** prepare students for the AP Calculus exam.

**Note:** This course may be offered as a dual-credit enrollment with Southern New Hampshire University.

**If we receive approval from SNHU we will run the following statement:**

**Note: This course is taught as a dual-credit enrollment with Southern New Hampshire University. Students who enroll as dual credit and successfully complete this course will be awarded 3 college credits through SNHU as well as 1 credit from HBHS. There is a mandatory \$100 SNHU course fee.**

**H347. Advanced Placement Calculus****Gr. 11-12****1 Credit****Full Year**Weighted Course

*Prerequisite: A grade of B- or higher in Honors Pre-Calculus (Mathematics)*

This Advanced Placement course covers differential and integral calculus. The theory of The Calculus, the application of differentiation and integration to solve problems, and extensive work with the theory of limits and continuity are stressed. An approved graphing calculator is required.

**Note:** *Successful completion of the AP Calculus exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Calculus exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.*

**H335. Advanced Placement Statistics****Gr. 11-12****1 Credit****Full Year**Weighted Course

*Prerequisite: A grade of B or higher in Accelerated Algebra 2 or Pre-Calculus, or permission of the Department Chair (Mathematics)*

This course exposes students to four broad conceptual themes: exploring data, observing patterns and departures from patterns, planning a study and statistical inference. This course follows the AP Statistics curriculum established by the Educational Testing Service. A graphing calculator (TI 84+) is required.

**Note:** *Successful completion of the AP Statistics exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP Statistics exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.*

**H262. Senior Quest****Gr. 12****1 Credit****Full Year**

*A cross-disciplinary 21st Century independent project*

*Prerequisite: By application only. Limited to 30 students.*

*Elective Credit is Awarded*

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore an subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

**Senior Quest: Honors-by-Contract**Weighted Course

*Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.*

# Physical Education

Physical Education is an integral aspect of the learning process. This program contributes to the development of health through a variety of movement activities, skills and knowledge necessary to promote lifetime fitness, social cooperation and a healthy well-being. In addition, there are significant intellectual and emotional benefits. Students learn to cooperate as members of a team according to the rules of fair play and good sportsmanship. Students are expected to display tolerance and respect for others as a positive contributor. Physical Education grades are based on the attributes of preparation, effort, application, improvement, and skill.

**H957. Fitness** **Gr. 9** **.5 Credit** **Full Year**  
*Must be taken in conjunction with Wellness* **Every Other Day**  
(Physical Education)

This is a required course for graduation from HBHS. The curriculum areas emphasized at this level develop a working understanding of lifetime fitness. Students take part in Project Adventure (including low and high ropes course), team building, and fitness assessment education. Over the course of the year students set fitness goals and develop a personal wellness plan for lifelong fitness.

**H405. Wellness** **Gr. 9** **.5 Credit** **Full Year**  
*Must be taken in conjunction with Fitness* **Every Other Day**  
(Health Education)

This is a required course for graduation from HBHS. It covers a variety of subjects concerning a student's well-being and decision making. Topics include tolerance, stress management, self-esteem, health and fitness, body image, media literacy, nutrition, sexuality, and drug prevention. Students set goals that they work to achieve over the course of the year to improve their level of wellness.

## Physical Education Electives

**Any of the classes listed below meet the physical education requirement for grades 10-12.** These classes cover a broad range of activities such as team and individual sports, fitness activities, winter activities, and Project Adventure. Electives are offered on a rotating basis, with relevance to the season of the year. Classes are offered each semester and meet daily. The focus for each of these classes is to expand on basic skills learned in previous physical education classes and to participate at a more advanced and in depth level.

**H941. Dance, Movement & Music** **Gr. 9-12** **.5 Credit** **Semester**  
(Arts Education or Physical Education)

This course is designed for the beginning to intermediate dance student. It introduces students to sequential skills in dance performance and choreography. Students learn a variety of dance styles including jazz, tap, and modern. Students are encouraged to participate in the creative process and discover their own movement potential. Students also develop a historical perspective regarding dance through the study of many styles and genres of dance. **Participation in functions during school and after school hours is expected.**

**Note:** This course may be taken more than once during a student's high school career.

**H945. Outdoor Adventures (Spring Semester)** Gr. 10-12 .5 Credit Semester

*Prerequisite: Fitness/Wellness*  
(Physical Education)

This class, which is offered second semester, includes the following activities: Project Adventure activities including low and high ropes initiatives, winter activities of snowshoeing and cross country skiing, and map and compass/orienteering activities, hiking, and hiking safety. Group challenges and initiatives take place on the low elements of the challenge course. Students are given ample opportunity for individual challenge and personal growth consistent with the Challenge by Choice philosophy. This course is intended for outdoor activities, appropriate clothing for winter conditions is required.

**Note:** Students may take up to one credit of this class during their high school career.

**H949. Personal Fitness** Gr. 10-12 1 Credit Full Year

**H950. Personal Fitness** Gr. 10-12 .5 Credit Semester

*Prerequisite: Fitness/Wellness*  
(Physical Education)

The curriculum for this course is centered on strength training, aerobic fitness, flexibility, biomechanics, kinesiology, and exercise physiology. The main goal is to establish, understand, and improve personal fitness levels. A personal fitness plan with individual goals will be developed and monitored throughout the semester. Different fitness assessments will be done throughout the semester to monitor progress. Topics such as sports nutrition, human muscular and skeletal systems, power lifting, cross training, and sport-specific training will be covered.

**Note:** Students may take up to two credits of this class during their high school career.

**H958. Physical Education** Gr. 10 .5 Credit Semester

*Prerequisite: Fitness*  
(Physical Education)

This class will introduce students to a variety of movement concepts, skills and the knowledge necessary to promote lifetime fitness, social cooperation and a healthy well-being. Activities emphasize fundamental strategies and tactics successful for an array of sports and recreational games. This class is also an introduction to elective classes that may be taken as a junior or senior and will include activities such as high ropes course climbing, implementation of fitness routines, and participation in a variety of team and individual sports.

**H948. Team and Individual Sports (Fall Semester)** Gr. 10-12 .5 Credit Semester

*Prerequisite: Fitness/Wellness*  
(Physical Education)

The focus of this course, which is offered first semester, is to expand on basic skills developing an advanced level of performance and understanding within the areas of rules, strategies and game play. Curriculum covers a broad range of units which will challenge the individual student's overall fitness training. Various methods of assessment will be utilized including student participation in class projects and presentations to show proficiency of understanding.

**Note:** Students may take up to one credit of this class during their high school career.

# Science

Three Science credits are required for graduation from Hollis Brookline High School. One credit must be in a physical science, and one credit must be in Life Science, Biology, or Accelerated Biology. ~~biological science.~~ The chart below represents the scope and sequence of classes taken by most students.

The Hollis Brookline science curriculum is aligned with the Next Generation Science Standard (NGSS) in order to optimize our students' success after high school. For more information go to [www.nextgenscience.org](http://www.nextgenscience.org). The course description of each core science course at HBHS lists the NGSS standards met by each course.

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade Science Electives
General Science	Life Science	Chemistry Essentials	Anatomy & Physiology I/II
Physical Science with Earth Science	Biology	Chemistry and Society	AP Biology
Accel. Physical Science with Earth Science	Accelerated Biology	Chemistry	AP Chemistry
Accelerated Biology	Chemistry	Honors Chemistry	AP Environmental Science
	Honors Chemistry	<b>11<sup>th</sup> Grade Science Electives</b>	AP Physics I or II
		<i>taken in addition to Chemistry</i>	Chemistry and Society
		Anatomy & Physiology I/II	Honors Anatomy & Physiology
		AP Biology	Physics: Conceptual
		AP Chemistry	Physics: Princ. & Problems
		AP Environmental Science	
		AP Physics I	
		Honors Anatomy & Physiology	

## H410. General Science with Earth Science

Gr. 9

1 Credit

Full Year

*Prerequisite: Recommendation of Department Chair and/or Case Manager (Physical Science)*

This is a physical science course for students who may require assistance with reading scientific information, organization, math and study skills. Topics include the structure of atoms, simple chemical reactions, household chemistry, motion, environmental problems, energy, and earth science topics. Students also learn basic laboratory procedures. This course is a fundamental class and is designed to meet the physical science requirement.

**Note** Students can receive credit for either General Science or Physical Science, but not both.

NGSS: (PS1A-B; PS2A; PS3A-C; ESS1A-C; ESS2A-B; EST1-2)

## H411. Physical Science with Earth Science (Physical Science)

Gr. 9-12

1 Credit

Full Year

Physical Science is a full year course. The first semester focuses on introductory concepts of physics. Curricular topics include motion, forces, and energy. The second semester focuses on introductory concepts in chemistry and earth science topics. Curricular topics include classification of matter, compounds, and bonding. Special projects may be assigned each quarter.

**Note:** *Students can receive credit for either General Science or Physical Science, but not both.*

~~NGSS: (PS1A-B;PS2A:PS3A-C;ESS1A-C;ESS2A-B;EST1-2)~~

**H412. Accelerated Physical Science with Earth Science      Gr. 9-12      1 Credit      Full Year**

*Prerequisite: **Grade 8: A** or higher in Algebra and Earth Science and the recommendation of middle school science and math teacher.*

(Physical Science)

Accelerated Physical Science is a full year course. The first semester focuses on introductory concepts of physics. Curricular topics include motion, forces, and energy. The second semester focuses on introductory concepts in chemistry and earth science topics. Curricular topics include classification of matter, chemical bonding, and chemical reactions. Projects may be assigned each quarter. This is a more in-depth study of mathematics and of topics presented in physical science. Students use critical thinking skills and process skills as they analyze their scientific work. Students will be asked to integrate scientific facts into abstract processes as they make decisions and value judgments. This path is intended for students who plan to take one or more AP electives during their senior year. This course requires an independent learner with an advanced level of effort and comprehension at an accelerated pace.

~~NGSS: (PS1A-B;PS2A:PS3A-C;ESS1A-C;ESS2A-B;EST1-2)~~

**H413. Life Science      Gr. 10-12      1 Credit      Full Year**

*Prerequisite: Recommendation of Department Chair and/or Case Manager*

(Biological Science)

This is a biological science course for students who require assistance with reading scientific information, organization, and study skills. Topics include: the cell, classification, taxonomic groups of living things, organism biology, and ecology. This course is offered as a fundamental class and is designed to meet the biological science requirement.

**Note:** *Students may receive credit for either Life Science or Biology, but not both.*

~~NGSS: (LS1-4; ESS2.C-D; ESS3.A-D; ETS1-2)~~



**H421. Biology      Gr. 10-12      1 Credit      Full Year**

(Biological Science)

This is an introductory biology course. Topics include scientific methods, biochemistry of life, anatomy and physiology of cells, biological processes, classification, and genetics, the study of the kingdoms, as well as taxonomic groups of living things examined on a comparative anatomy basis to illustrate the process of evolution.

**Note:** *Students may receive credit for either Life Science or Biology, but not both.*

~~NGSS: (LS1-4; ESS2.C-D; ESS3.A-D; ETS1-2)~~



**H454. Accelerated Biology      Gr. 9-12      1 Credit      Full Year**

*Prerequisite: An A in 8<sup>th</sup> grade Algebra and recommendation of 8<sup>th</sup> grade Science teacher.*

*Recommendation of Physical Science or Accelerated Physical Science teacher.*

(Biological Science)

This is a more in-depth study of topics presented in biology. Students will use critical thinking skills and process skills as they analyze their scientific work. Students will be asked to integrate scientific facts into abstract processes as they make decisions and value judgments. This path is intended for students who plan to take one or more AP electives during their senior year. This course requires an independent learner with an advanced level of effort and comprehension at an accelerated pace.

NGSS: (LS1-4; ESS2.C-D; ESS3.A-D; ETS1-2)

#### H426. Chemistry Essentials

Gr. 11-12

1 Credit

Full Year

~~Formerly titled Living by Chemistry~~

*Prerequisite: General Science, Life Science, and Recommendation of Dept. Chair and/or Case Manger*  
(Physical Science)

This is a physical science course for those students who may require assistance with reading and interpreting scientific information. This course is designed to help students develop their individual compensatory skills as they study chemistry. Emphasis will be on strategies for improving student reading, note taking, organization, and observation skills. Students will learn modern concepts of chemistry using the study of alchemy, smells, toxins, weather, and fire or through student selected themes. The chemistry content is similar to that of Chemistry (H430). Topics include most of the same topics listed in Chemistry (H430). Successful completion of this course fulfills one physical science requirement.

**Note:** *Students may receive credit for either Chemistry Essentials or Chemistry and Society, but not both.*

NGSS: (PS1.A-C; PS2.A-C; PS3.A-D; ESS.1,5,7; ETS1-2)

#### H429. Chemistry and Society

Gr. 11-12

1 Credit

Full Year

~~Formerly titled Junior/Senior Science Seminar~~

*Prerequisite: Physical Science and Biology*  
(Physical Science)

This course is designed for students going on to some form of higher education, not necessarily as science majors. The course is designed to meet the needs and interests of the students enrolled in a chemistry class and will investigate chemistry topics including, but not limited to atoms, matter, chemical reactions, solutions and acid/base chemistry. Students also will investigate chemistry topics that are currently in the news and impact our society. The class will focus around student-centered investigations, projects, expositions, and presentations.

**Note:** *Students who take chemistry are not eligible to take this class.*

NGSS: (PS1.A-C; PS2.A-C; PS3.A-D; ESS.1,5,7; ETS1-2)

#### H430. Chemistry

Gr. 11-12

1 Credit

Full Year

*Prerequisite: Physical Science and recommendation of current science teacher*  
(Physical Science)

This course is recommended for the college-bound student who may or may not major in science. Students will learn modern concepts of chemistry in the laboratory. The following topics are covered: basic knowledge of physical and chemical changes, elements, mixtures and compounds, atomic structure, arrangements of electrons, periodic trends, the electromagnetic spectrum, ionic and covalent bonding, writing and balancing chemical equations, classifying chemical reactions, predicting the products of chemical reactions, stoichiometry, acids, bases, and the importance of carbon and its compounds. Successful completion of Chemistry fulfills the physical science credit requirement.



**Note:** Students may receive credit for either Chemistry and Society or Chemistry, but not both.

NGSS: (PS1.A-C; PS2.A-C; PS3.A-D; ESS.1,5,7; ETS1-2)



### H432. Honors Chemistry

Gr. 11-12

1 Credit

Full Year

#### Weighted Course

*Prerequisite: Completion of/concurrent with Algebra 2, and recommendation of current science teacher (Physical Science)*

This is an in-depth first course in chemistry that meets the objectives of general chemistry in preparation for a college-level chemistry course. This course is recommended for students who intend to go on to competitive colleges and/or plan to major in science. The course is designed for students planning to go into fields of pre-med, pre-dental, engineering, or for any students wishing to demonstrate their ability to meet the challenge of an honors course. Laboratory experiments are integrated into the classroom, as they play a vital role in the understanding of chemistry. Topics covered include dimensional analysis, matter, early atomic structure, chemical formulas, nomenclature, chemical equations, chemical bonds, the mole, stoichiometry, gas laws, ionization, basic thermochemistry and calorimetry, metals and non-metals, an introduction to organic chemistry, atomic structure, periodic classification, molecular structure, chemical bonds, solutions and intermolecular forces of attraction, stoichiometry, titration, kinetics, thermodynamics, chemical equilibrium including acids and bases, electrochemistry including oxidation and reduction, and nuclear chemistry.

NGSS: (PS1.A-C; PS2.A-C; PS3.A-D; ESS.1,5,7; ETS1-2)



### H440. Advanced Placement Chemistry

Gr. 11-12

1 Credit

Full Year

#### Weighted Course

*Prerequisite: A grade of B- or higher in Honors Chemistry, or permission of the Department Chair (Physical Science)*

This highly challenging college-level course provides students with an understanding of the concepts and principles required in preparation for the AP Chemistry exam. AP Chemistry is designed to offer a rigorous and challenging course covering chemical principles typical of college-level general chemistry courses. Students learn the usefulness and relevance of chemistry in both their intended areas of study and in the everyday world. Laboratory experiments are integrated into the classroom, and play a vital role in the understanding of chemistry. The experiments performed include, but are not limited to, those recommended by the College Board. Topics covered include acid-base theory, atomic theory, bonding and molecular structure, electrochemistry, equation writing, equilibrium, gas behavior, kinetics, nuclear chemistry, chemical periodicity, oxidation-reduction, states of matter, stoichiometry, and thermodynamics. (Students who enroll in this course are required to complete a summer assignment prior to the start of class.)

**Note:** Successful completion of the AP Chemistry exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Chemistry exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



### H434. Advanced Placement Environmental Science

Gr. 11-12

1 Credit

Full Year

#### Weighted Course

*Prerequisite: B- or higher in Physical Science with Earth Science and Biology (or recommendation of Dept. Head); B- or higher in Chemistry or recommendation of Department head for students taking Chemistry concurrently. (Biological Science)*

This course provides students with an understanding of the concepts and principles required in preparation for the AP Environmental Science exam. The course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

**Note:** Successful completion of the AP Environmental Science exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Environmental Science exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



**H449. Physics: Conceptual**

**Gr. 11-12**

**1 Credit**

**Full Year**

*Prerequisite: Completion of or concurrent with Algebra 3/Trigonometry (Physical Science)*

This course is designed for college-bound students who will not major in science; however, students should have an interest in science. Topics will be explored conceptually with a secondary emphasis on mathematical interpretation. Topics include kinematics, dynamics, energy, momentum, electricity and magnetism, general wave properties, light and sound. Projects and lab work play an important role in this course.

**Note:** Students may receive credit for either H449 Physics or H450 Physics, but not both. (Not recommended for students concurrently enrolled in calculus.)



**H450. Physics: Principles and Problems**

**Gr. 11-12**

**1 Credit**

**Full Year**

*Prerequisite: Completion of or concurrent with Pre-Calculus (Physical Science)*

This course is designed for college-bound students who are interested in science or a related major. Concepts will be explored with a strong mathematical emphasis. Topics include Newtonian Mechanics (kinematics, dynamics, energy, momentum and angular studies) as well as studies in electricity and wave behaviors. Projects and lab work play an important role in this course.

**Note:** Students may receive credit for either H449 Physics or H450 Physics, but not both.



**H455. Advanced Placement Physics I**

**Gr. 11-12**

**1 Credit**

**Full Year**

**Weighted Course**

~~*Prerequisite: Completion of or concurrent with Pre-Calculus and recommendation from Chemistry teacher.*~~

~~*(Physical Science)*~~

*Weighted Course*

*Prerequisite: A- or higher in Chemistry or B or higher in Honors Chemistry & completion of or concurrent with Pre-Calculus*

*(Physical Science)*

This is an in-depth, mathematically rigorous, first course in physics equivalent to a first-semester college course in algebra-based physics. This highly challenging course provides students with an understanding

of the concepts and principles required in preparation for the AP Physics I exam. The course is designed to prepare students for future study in core science areas (biology, chemistry or physics), mathematics, or other professional fields such as pre-med, pre-dental, veterinary study or engineering. It is also designed for all science majors and other students wishing to demonstrate their ability to meet the challenge of an AP course. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanics, waves and sound. It will also introduce electric circuits. Projects and lab work play an important role in this course.

**Note:** Successful completion of the AP Physics I exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Physics I exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



**H446. Advanced Placement Physics II**

**Gr. 11-12**

**1 Credit**

**Full Year**

Weighted Course

~~Prerequisite: Recommendation from AP Physics I teacher.  
(Physical Science)~~

**H446. Advanced Placement Physics II**

**Gr. 11-12**

**1 Credit**

**Full Year**

Weighted Course

Prerequisite: B or higher in AP Physics I  
(Physical Science)

This is an in-depth mathematically rigorous, second course in physics equivalent to a second-semester college course in algebra-based physics. This highly challenging course provides students with an understanding of the concepts and principles required in preparation for the AP Physics II exam. The course is designed to prepare students for future study in core science areas (biology, chemistry or physics), mathematics, or other professional fields such as pre-med, pre-dental, veterinary study or engineering. It is also designed for all science majors and other students wishing to demonstrate their ability to meet the challenge of an AP course. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Projects and lab work play an important role in this course.

**Note:** Successful completion of the AP Physics II exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Physics II exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



**H457. Anatomy & Physiology I**

**Gr. 11-12**

**.5 Credit**

**Semester 1**

**H459. Anatomy & Physiology II**

**Gr. 11-12**

**.5 Credit**

**Semester 2**

~~Prerequisite: B- or higher in Physical Science with Earth Science, Biology, and Chemistry or recommendation of Department head for students taking Chemistry concurrently  
(Biological Science)~~

This class meets the needs of junior or senior level students who might have an interest in working in the medical field, but have not yet demonstrated the ability to perform successfully at the honors/AP level. During the course, students will develop an understanding of the organ systems by focusing on anatomical

vocabulary, the interrelationships between the organ systems, and what happens when organs and organ systems malfunction. Students will use critical thinking and problem solving skills to better understand the structure and function of their own bodies. Semester I examines: Tissues, Integumentary system, Skeletal system, Muscular system, Nervous system, and Endocrine system. Semester II examines: Cardiovascular system, Lymphatic system, Respiratory system, Digestive system, Urinary system, and Reproductive system. Students are encouraged to take both semesters if scheduling allows. Dissections are a mandatory part of this class.



**H456. Honors Anatomy & Physiology**

**Gr. 11-12**

**1 Credit**

**Full Year**

Weighted Course

*Prerequisite: Accelerated Biology or permission of the Department Chair*  
~~(Biological Science)~~

This is a course that offers an in-depth investigation of the human organism and is designed for students who are interested in a career in the medical field. During this course, students will develop an understanding of the organ systems by focusing on anatomical vocabulary, the interrelationships between the organ systems, and what happens when organs and organ systems malfunction. Students will use critical thinking and problem solving skills to better understand the structure and function of their own bodies. This course requires an advanced level of effort and comprehension. Dissections are a mandatory part of this class.



**H458. Advanced Placement Biology**

**Gr. 11-12**

**1 Credit**

**Full Year**

Weighted Course

*Prerequisite: Accelerated Biology & Honors Chemistry or permission of Department Chair*  
 (Biological Science)

This highly challenging course provides students with an understanding of the concepts and principles required in preparation for the AP Biology exam. The curriculum offers an in-depth exploration of the living systems of the cells, the organism, and the biosphere. Strong emphasis is directed toward experimentation, advanced lab activities, and the techniques by which scientific information about living systems is obtained. Current trends in biology are also presented. *(Students who enroll in this course will be required to complete a summer assignment prior to the start of class.)*

**Note:** *Successful completion of the AP Biology exam may entitle the student to receive college credit, depending on the policy of the individual college and the test score. Students are expected to take the AP Biology exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.*



**H262. Senior Quest**

**Gr. 12**

**1 Credit**

**Full Year**

*A cross-disciplinary 21st Century independent project*

*Prerequisite: By application only. Limited to 30 students.*

*Elective Credit is Awarded*

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore an subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to

showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

***Senior Quest: Honors-by-Contract***

***Weighted Course***

*Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.*

# Social Studies

Three Social Studies credits are required for graduation from HBHS. **Grade 9:** US History or Topics in US History, 1 credit; **Grade 10:** World Studies, Topics in World Studies, or AP World History, 1 credit; **Grade 11:** Civics (College Prep or Honors by Contract) or Topics in Civics, .5 credit, Economics (College Prep or Honors by Contract) or Topics in Economics, .5 credit.



## H235. U.S. History (U.S. History)

Gr. 9

1 Credit

Full Year

Picking up where the eighth grade social studies curriculum leaves off, U.S. History begins with Reconstruction after the Civil War and culminates with the Reagan years. Although the content of this course is studied chronologically, the five themes of Social Studies: geography, history, economics, society, and politics, are reinforced throughout the year. ~~Emphasis is given to critical turning points in U.S. history that reveal what is unique about America and what responsibilities are identified with being an American citizen. Students are expected to continue developing the following skills associated with the study of social sciences: recognition and analysis of primary and secondary source materials; critical reading, listening, and note-taking methods; and proper research, presentation, and discussion skills.~~ Emphasis is given to critical turning points in U.S. history and the responsibilities identified with being an American citizen. Evaluation is frequent, employing both summative and formative methods. The overall goal of the course is to help students develop the skills necessary to be critical thinkers, independent learners, and confident participants in the democratic process. ~~and use independent and critical thinking about America's past and present and to prepare students to confidently participate as citizens in the democratic process.~~

## H234. Topics in U.S. History

Gr. 9

1 Credit

Full Year

*Prerequisite: Recommendation of Department Chair and/or Case Manager*  
(U.S. History)

This full year course fulfills the U.S. History graduation requirement and is offered to those students who require assistance with reading, writing, organization and study skills. ~~The course examines critical turning points in American history that illustrate what is unique about America and what responsibilities are identified with being an American citizen.~~ Emphasis is given to the critical turning points in U.S. history and the responsibilities identified with being an American Citizen. Major units in this course include, but are not restricted to, the Civil War, Reconstruction and the Civil Rights Movement, reform movements of the 20th century, our involvement in major 20th century wars and conflicts, as well as domestic and foreign policy over the past century. This course includes class discussions, a variety of individual and group projects, video analysis and an array of traditional and non-traditional assessments. Assessment entails a range of independent and collaborative formative and summative activities, all differentiated to address individual student needs when necessary.



## H211. World Studies (World Studies)

Gr. 10

1 Credit

Full Year

World Studies is a full year, required course for sophomores. Through the content of this course, students will explore and demonstrate their understanding of how humans have expressed themselves

through religion, philosophy, art, and political and economic institutions in different surroundings, at different times, and relative to other groups and the natural environment. The course encompasses broad historical themes and their connection to critical issues facing contemporary life, such as allocation of resources, population growth, and conflict and cooperation. To anchor their examination of the global past-present connection, students will also learn the role that geography plays in the development of culture and civilizations. In addition to its content, the course will emphasize the basic skills necessary to achieve academic success including, critical thinking through research, writing and listening, analyzing concepts and ideas individually and collaboratively, and communicating understanding through oral presentations. ~~Students will also receive a thorough review of academic guidelines required for proper research.~~

**H210. Topics in World Studies**

**Gr. 10**

**1 Credit**

**Full Year**

*Prerequisite: Recommendation of the Case Manager and/or Department Chair (World Studies)*

This full-year course fulfills the tenth grade social studies requirement and is offered to those students who require assistance with reading, writing, organization and study skills. As in the World Studies course, students in Topics will explore and illustrate their understanding of how humans have expressed themselves through religion, philosophy, art, and political and economic institutions in different surroundings, at different times and relative to different groups and the natural environment. The course encompasses broad historical themes and their connection to critical issues facing contemporary life, such as allocation of resources, population growth, and conflict and cooperation. To anchor their examination of the global past-present connection, students will also learn the role that geography plays in the development of culture and civilizations. This course includes class discussions, a variety of individual and group projects, video analysis and an array of traditional and non-traditional assessments.



**H214. Advanced Placement World History**

**Gr. 10**

**1 Credit**

**Full Year**

Weighted Course

*Prerequisite: Recommendation of ~~of~~ 9<sup>th</sup> grade US History Teacher (World Studies)*

This course focuses on developing students' understanding of world history from approximately 8000 B.C.E. to the present. Students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same historical thinking skills and methods: analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation. The course provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. Students are expected to take the AP World History exam in May. *(Students who enroll in this course will be required to complete a summer assignment prior to the start of class.)*

**Note:** Successful completion of the AP World U.S. History exam may entitle students to receive college credit, depending on the individual college and the test score. Students are expected to take the AP World History exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



**H221. Civics**  
(Civics)

**Gr. 11**

**.5 Credit**

**Semester**

Civics is a required semester course for juniors that examines the important relationship between the people and their government. This course engages students in the study of the origins of our U.S. Federal and NH State governments, including the structure of each, their functions and the relationship they share. Students will investigate different political ideologies and the methods and outcomes of political participation. Students will also examine their own role in the political arena and the ways in which they may make a positive impact through active civic involvement. In addition, students will learn of the rights and responsibilities that all citizens have and share. Finally, students will engage in a media literacy component by evaluating the effectiveness of the media through a variety of sources, including political cartoons, print and broadcast media.

**Note: Civics: Honors-by-Contract (Weighted Course)**

Students enrolled in Civics have the option of receiving Honors Credit by completing an independent project throughout the semester that amounts to approximately 20% additional work in addition to what is expected for non-honors credit. While topics of independent projects will depend on individual student interests, they should relate to the study of Civics. A student who is working on an Honors-by-Contract project will be expected to conduct independent research and synthesize the resulting body of knowledge into a finished product that may entail, but is not limited to a research paper, project, original product, presentation, performance, or demonstration. To be eligible for Honors Credit in Civics, students must agree to the terms outlined in a contract determined by the Social Studies Department at the beginning of the semester.

**H219. Topics in Civics**

**Gr. 11**

**.5 Credit**

**Semester**

*Prerequisite:* Recommendation of the Case Manager and/or Department Chair  
(Civics)

This half-year course fulfills the Civics requirement of all sophomores and is tailored to those students who require assistance with reading, writing, organization and study skills. Students will examine the basic components of civic education: rights and responsibilities of citizens, functions of government, media literacy, and the election process. This course includes class discussions, a variety of individual and group projects, video analysis and an array of formative and summative assessments.



**H220. Economics**  
(Economics)

**Gr. 11**

**.5 Credit**

**Semester**

Economics is a required semester course for juniors. Students will explore the foundations and fundamentals of economics, the American free market, as well as how economics relates to their lives. Topics explored include: saving and investing, business in the United States, government in the economy, and the global economy. Students will be assessed through a variety of formative and summative measures, though problem-based learning and collaboration are emphasized.

**Note: Economics: Honors-by-Contract (Weighted Course)**

Students enrolled in Economics have the option of receiving Honors Credit by completing an independent project throughout the semester that amounts to approximately 20% additional work in addition to what is expected for non-honors credit. While topics of independent projects will depend on individual student interests, they should relate to the study of Economics. A student who is working on an Honors-by-Contract project will be expected to conduct independent research and synthesize the resulting body of knowledge into a finished product that may entail, but is not limited to, a research

paper, project, original product, presentation, performance, or demonstration. To be eligible for Honors Credit in Economics, students must agree to the terms outlined in a contract determined by the Social Studies Department at the beginning of the semester.

## H218. Topics in Economics

Gr. 11

.5 Credit

Semester

*Prerequisite:* Recommendation of the Case Manager and/or Department Chair (Economics)

This half-year course fulfills the Economics requirement of all sophomores and is tailored to those students who require assistance with reading, writing, organization and study skills. The course examines basic concepts of the business cycle in our capitalist economic system and the role of businesses, the government and the consumer therein. This course includes class discussions, a variety of individual and group projects, video analysis and an array of formative and summative assessments.

## Social Studies Electives

### H245. Advanced Placement Psychology

Gr. 11-12

1 Credit

Full Year

Weighted Course

*Prerequisite:* Recommendation of 10<sup>th</sup> grade teacher and/or Department Chair. Enrollment preference is given to rising seniors.

(Social Studies)

This year-long course is open to juniors and seniors willing to commit to college-level work. The coursework entails extensive reading, writing, and research within the field of psychology. AP Psychology students are expected to work independently and contribute regularly to class discussion. Topics covered include the biological basis of behavior, research methods, personality and emotional development, cognition, social psychology, abnormal psychology, and the works of Pavlov, Skinner, Jung, Freud, Piaget and Erickson and others. (*Students who enroll in this course will be required to complete a summer assignment prior to the start of class.*)

**Note:** Successful completion of the AP Psychology exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP Psychology exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.

**Note:** Students who have completed Psychology are not eligible to take AP Psychology.

### H236. Advanced Placement U.S. History

Gr. 11-12

1 Credit

Full Year

Weighted Course

*Prerequisite:* US History and recommendation of 10<sup>th</sup> grade teacher and/or Department Chair (U.S. History)

This course is a challenging, year-long survey of American history from 1492 to the present. Proficient reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical thinking, interpretation and evaluation of primary and secondary source documents, and writing powerful and convincing essays. In addition, students will complete an original thesis paper. AP U.S. History is meant to be the equivalent of a freshman-level college course. (*Students who enroll in this course will be required to complete a summer assignment prior to the start of class.*)

**Note:** Successful completion of the AP U.S. History exam may entitle students to receive college credit, depending on the individual college and the test score. Students are expected to take the AP U.S. History

exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



## H258. Advanced Placement U.S. Government & Politics

Gr. 12

1 Credit

Full Year

### Weighted Course

*Prerequisite: Recommendation of 11<sup>th</sup> grade teacher and/or Department Chair (Social Studies)*

This intensive college-level course provides an analytical and critical perspective on the concepts, methods, and ideas of government and politics in the United States. The dual-focused approach involves both the historic and philosophical foundations of constitutional government, the creation of the Constitution, the organization of American Government, civil liberties and the expansion of rights over the past 225 years. While students study general concepts used to interpret American politics, this course presupposes familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. Students will analyze and interpret case studies, philosophies, and ideologies of both classical and contemporary political thought and apply those principles to classroom discussion, debate, and written works to better understand their role in the political arena. (*Students who enroll in this course will be required to complete a summer assignment prior to the start of class and take part in the We The People hearing in Concord, NH in December.*)

**Note:** Successful completion of the AP U.S. Government and Politics exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP U.S. Government and Politics exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



## H253. Contemporary Issues

Gr. 11-12

.5 Credit

Semester

(Social Studies)

Students who take this semester-long course will examine current international, national and local issues through discussion, formal debates, individual and collaborative projects and research and writing. Topics covered may include politics, race relations, energy issues, advancements in technology, natural resources, and global and regional conflicts. Newspapers, news magazines, news segments, and documentaries will provide the basis for study. ~~Students will also be required to complete a community service component inspired by one of the issues examined throughout the semester.~~



## H240. Human Geography

Gr.11-12

.5 Credit

Semester

(Social Studies)

Human Geography is a semester-long elective course that provides students with an introduction to the field of human, or cultural, geography. Human geography is the study of how people interact with and ultimately change their environments. Major questions to be explored in this course include: What is geography? What does it mean to think geographically and spatially? How does geography relate to my life? Where do I want to travel and why? Topics of study may include, but are not limited to: contemporary mapping technology, climate and weather, climate change, migration, culture, music, art, food and agriculture, language, political geography, globalization, and global issues. Keeping in mind the growing impact of globalization, students will explore topics in geography through the lens of travel. Students will “travel” all across the world in this course while completing projects related to this travel

theme. Learning activities in this course will emphasize 21st Century Learning skills as students will be required to collaborate, communicate using a variety of technology, and think critically and creatively.



**H238. Legal Studies**  
(Social Studies)

**Gr. 11-12**

**.5 Credit**

**Semester**

~~This course will examine civil and criminal law in the United States. A wide variety of topics will be discussed including: the differences between civil and criminal law, the Constitution and Bill of Rights, how courts work, crime and defense, capital punishment, and terrorism. Literary and historical examples of crime will be used to guide discussions, and modern cases will be analyzed in depth. The class is designed to assist students in establishing knowledge of civil and criminal law, as well as developing skills in analyzing and evaluating information regarding the law's relationship to current political and social trends.~~

This course will examine primarily criminal and constitutional law in the United States. A wide variety of topics will be discussed including: what is a "good" law, the workings of US and NH court systems, processing a criminal case, the Constitution and Bill of Rights including how the Supreme Court interprets these documents to dispense justice. Current events and historical examples of crime will be used to guide discussions, and landmark US Supreme Court cases will be analyzed in depth. A mock trial and field trip to see how the NH Courts process different cases are incorporated into the curriculum. The class is designed to assist students in establishing knowledge of constitutional, civil, and criminal law, as well as developing skills in analyzing and evaluating information regarding the law's relationship to current political and social trends.



**H244. Psychology**  
(Social Studies)

**Gr. 11-12**

**1 Credit**

**Full Year**

This year-long elective course provides an introduction to the study of psychology. Topics in this course include, but are not limited to, the different perspectives and influential people within the field of psychology, neuro-cognition, and the principles of learning, memory and the development language.

The course also explores human development as it relates to maturation, personality and society, and examines the causes, diagnosis and treatment of psychological disorders. Students will study the concepts of this social science through the examination of their own behaviors and experiences in addition to that of the adopted text, case studies and film.

**Note:** *Students who take Psychology in their junior year are ineligible to take AP Psychology as seniors.*



**H259. Sociology**  
(Social Studies)

**Gr. 11-12**

**.5 Credit**

**Semester**

Sociology is the study of human group behavior. This course covers topics such as racial and ethnic relations, cultural diversity, criminal behavior, marriage and divorce, team and group activities including sports. Learning activities include class discussions, films, experiments, readings and lectures. Students will participate in several small group projects involving numerous contemporary social and psychological issues.



**H262. Senior Quest**

*A cross-disciplinary 21st Century independent project*

**Gr. 12**

**1 Credit**

**Full Year**

*Prerequisite: By application only. Limited to 30 students.*

*Elective Credit is Awarded*

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore an subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

***Senior Quest: Honors-by-Contract***

***Weighted Course***

*Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.*

# Student Support Services

Hollis Brookline High School is committed to providing a continuum of services offering students with disabilities the opportunity to actively participate in the learning environment. The HBHS Special Education Department is committed to supporting the delivery of services indicated in the Individualized Education Program (IEP) with an emphasis on increasing opportunities for students with disabilities to learn and grow with their non-disabled peers. The Special Education Team addresses the unique needs of these students through a variety of team-designed programs and settings.

## **Services for Students Identified with a Disability**

Services, modifications, and accommodations are provided to identified students to meet the needs indicated in the students' Individualized Education Plans (IEP). Specialized instruction is provided to meet the students' IEP goals and to develop executive functioning skills in the areas of test-taking, study skills, organization, planning, and self-advocacy. Related Services in the areas of speech/language therapy, occupational and physical therapies, and counseling are available. Special Education teachers and staff also provide consultation services and support to the teaching staff.

## **FIEMUS Program**

The FIEMUS program is designed to meet the needs of students whose emotional challenges require an education that goes beyond the traditional curriculum. The program integrates a therapeutic skill building approach with individualized, self-paced curriculum as well as a focus on transition. The SKILLS course utilizes Dialectical Behavioral Therapy skills, self-advocacy and goal-setting using the SMART paradigm. A strengths-based perspective engages students to build competence in academics, self-regulation, and transition planning. Students may spend all or part of their day in the program based on their needs.

## **Life Skills Transitions Program**

The Life Skills Transitions Program (LSTP) is designed to meet the needs of the HBHS population who are identified with Intellectual and Developmental Disabilities (IDD), Autism Spectrum Disorders (ASD), Speech and Language Disorders (SP), Multiple Disabilities (MD), Specific Learning Disabilities (SLD), Other Health Impairments (OHI), and/or Adaptive Behavior Challenges (ABC). The goal of the LSTP is to encourage and support each student in their journey to become as independent as possible within their school, home, and community. Integration of academic instruction, interdependent living skills, social communications, pre-employment skill development, vocational internships with the assistance of a job coach, adult service provider enrollment, and assistance with the application processes for enrollment into post-secondary colleges and university programs designed for students with these identified disabilities. The LSTP prepares students and their families for a successful transition into life beyond high school.

**Note:** Life Skills courses are not eligible for GPA.

## **Life Skills Intensive Needs Program**

The mission of this program is to support students who have intensive cognitive, medical, speech and language, and/or physical needs in a self-contained classroom. Students are typically nonverbal, or have limited functional language, and may require the use of an Augmentative and Alternative Communication

(AAC) device. Services include speech and language therapy, ~~eccupational~~occupational therapy, physical therapy and the services of a Board Certified Behavior Analyst. Adult one-on-one support is provided for the entire school day, due to the level of students' intensive needs.

This program focuses on Adaptive Daily Living Skills, emphasizing self-care: toileting, changing non-ambulatory students, showering, shaving, brushing teeth, and facial cleanliness. Skill building in kitchen productivity is also stressed: food preparation, safety, function and location of items, washing dishes, using appliances correctly, and manners while eating in order to prepare students to be as independent as possible in their adult lives. As a result, through intensive data collection on teaching steps and monitoring behaviors, generalizing skills into different environments is an important component for this program.

The Special Education Team works together with parents to meet the intensive needs of students in this program. Students have access to regular education classes for participation and socialization. When in these classes, the curriculum is modified to meet each student's academic level, however, grades are not awarded. It is an opportunity for students to interact with their peers, while accompanied by a one-on-one paraprofessional. Students typically remain in high school until the age of 21, graduating with a Hollis Brookline Equivalency Diploma that focuses on the completion of their Individualized Educational Program Goals.

### **504 Program**

The section 504 Program is dedicated to delivering accommodations to students who qualify for protection under section 504 of the Rehabilitation Act and Title II of the Americans with Disabilities Act. Accommodations are individualized to each qualifying student to ensure that despite his/her major life impacting disability, free and appropriate education is accessible.

### **H030. Supported Study**

**Gr. 9-12**

**No Credit**

**Semester**

*Prerequisite: Approval from Student Assistance Team*

Supported Study is a non-credit earning study hall that serves as a guided program in the areas of organization, self-advocacy, and time management. Enrollment in supported study is limited to those students with a documented need for a supported study hall environment.

### **H060. Career Exploration**

**Gr. 9-12**

**.5 Credit**

**Semester**

*Prerequisite: Prior approval by Case Manager*

Career Exploration is a class that looks at students' learning style using multiple intelligences and aptitudes while exploring a wide range of career and interest areas. Course work includes units on the 16 career clusters, work and career goals, and the college process. This course may be repeated for credit.

### **H026. Community Life Skills**

**Gr. 9-12**

**1 Credit**

**Full Year**

*Prerequisite: Per student's Individualized Education Plan*

Community Life Skills will emphasize daily functional activities including, but not limited to, generating shopping lists, recipes, cooking, trips to the grocery store or other community based businesses, and safety in the school, home and community environments. Students work on skills in job applications, laundry, cleaning, and job shadowing. This class offers onsite community based work opportunities in consultation with the Job Developer. Identification of specific vocational needs of students will be addressed, as well as appropriate transitions into adult services.

<b>H021. Directed Study</b>	<b>Gr. 9-12</b>	<b>1.0 Credit</b>	<b>Full Year</b>
<b>H020. Directed Study</b>		<b>.5 Credit</b>	<b>Semester</b>

*Prerequisite: Per student's Individualized Education Plan*

Directed Study provides specialized instruction through an academic-based resource room program utilizing the students' course requirements and remedial instruction to meet IEP goals. In addition, students develop self-advocacy skills, disability education, and IEP knowledge. Transition services are provided to assist students in achieving post-secondary goals. Special Education teachers and staff also provide consultation services and support to the teaching staff. Students who have an IEP and participate in Directed Study earn up to one credit per year and grades are reported as pass/fail. **A passing grade may be earned when a student meets 70% or more of class expectations.**

<b>H025. Executive Functioning Skills</b>	<b>Gr. 9-12</b>	<b>.5 Credit</b>	<b>Semester</b>
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*Prerequisite: Prior approval by Department Chair, Case Manager, School Counselor or 504 Coordinator*

Executive Functioning Skills is designed to meet the needs of students who require instruction in the areas of study skills such as organization, time management, note-taking, planning, prioritization, and memory. Admission to the class will partly depend on informal inventories completed by ~~by~~ students and teachers as well as recommendations by staff members. Students will learn strategies to boost their executive functioning skills and will spend time building them independently. This course may be repeated for credit.

<b>H065. Health &amp; Wellness</b>	<b>Gr. 9-12</b>	<b>.5 Credit</b>	<b>Semester</b>
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*Prerequisite: Prior approval by Case Manager*

Health & Wellness is a class that incorporates physical activity and healthy lifestyle education including nutrition, sleep hygiene, and medication compliance. Students have the opportunity to engage in physical activity including competitive and/or cooperative games, walking, hiking, stretching, etc. Weekly food preparation and cooking emphasizes trying new foods and finding healthy options. Mindfulness activities are incorporated on a regular basis. This course may be repeated for credit.

<b>H061. Life Skills Math</b>	<b>Gr. 9-12</b>	<b>1 Credit</b>	<b>Full Year</b>
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*Prerequisite: Per student's Individualized Education Plan*

Life Skills Math will emphasize functional math skills and activities needed for everyday life. Curriculum includes building skills relating to money, time, calculator use, calendar use, and basic addition, subtraction and measurement. Individualized instruction is provided to meet each student's needs.

<b>H116. Literacy</b> (English)	<b>Gr. 9-12</b>	<b>1 Credit</b>	<b>Full Year</b>
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*Prerequisite: Prior approval by Department Chair, Case Manager, School Counselor, or 504 Coordinator*

Literacy is a class designed to meet the needs of students who struggle with reading/writing or who struggle in a classroom setting. Admission to this class will depend, in part on results of informal reading inventories and recommendations made by staff members. Students will work as a whole class on reading comprehension, writing, and vocabulary skills. Students also will work independently on individual skills to meet their instructional needs. This course may be repeated for credit.

<b>H115. Reading 180A</b>	<b>Gr. 9-12</b>	<b>1 Credit</b>	<b>Full Year</b>
<b>H110B. Reading 180B</b> (English)		<b>1 Credit</b>	<b>Full Year</b>

*Prerequisite: Per student's Individualized Education Plan*

Read 180 is an intensive, research-based reading intervention program designed to meet the needs of students who struggle with reading comprehension. Admission to the course will depend, in part, on the results of standardized and informal reading tests. Students work extensively in the areas of reading, writing, and vocabulary through whole and small group instruction, computer software, and independent reading. This course may be repeated for credit.

<b>H050. SKILLS</b>	<b>Gr. 9-12</b>	<b>.5 Credit</b>	<b>Semester</b>
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*Prerequisite: Prior approval by Case Manager*

SKILLS class (Self-regulations, Self-Knowledge, Emotional Intelligence, Life Skills, Self-care) is a class that incorporates Dialectical ~~Behavoir~~Behavior Therapy (DBT) skills, SMART goals, and social emotional learning activities and discussion to promote self-awareness, self-management, and healthy relationships. Students set weekly goals and evaluate their effectiveness. Discussion and hands-on activities are used to gain mastery of skills. This course may be repeated for credit.

<b>H062. Social Communications</b>	<b>Gr. 9-12</b>	<b>1 Credit</b>	<b>Full Year</b>
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*Prerequisite: Per student's Individualized Education Plan*

This class will be taught in consultation with the speech and language services to address written, verbal, and non-verbal communication skills. Curriculum involves activities in social skills, communication with peers and adults, as well as members of the school and surrounding communities. Class activities include, but are not limited to, self-advocacy, making and maintaining friendships, non-verbal communication, conversational skills, and written communication.

<b>H070. Work Experience Program</b>	<b>Gr. 11-12</b>	<b>Varying Credit</b>	<b>Semester</b>
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*Prerequisite: Per student's Individualized Education Plan*

The Work Experience program allows students with disabilities an opportunity to experience working within the community. Support services may be provided by a para-educator, teacher and/or job developer as needed. The program is designed to provide students with a meaningful workplace experience and to expose them to a variety of vocational experiences. Work experience placement is based on the Transition Plan, which is developed after assessing student interest and skill levels.

# Visual and Performing Arts

## Theatre

**H162. Acting I** Gr. 9-12 .5 Credit Semester  
(Arts Education)

This course is comprised of studio scenes and monologues to develop the actors' abilities to internalize and sustain characters, analyze literature, develop French Objectives, prepare for auditions, and perform in a one-act play.

**H162. Acting II** Gr. 9-12 .5 Credit Semester  
*Prerequisite:* Acting I  
(Arts Education)

This course is continuation of Acting I, comprised of studio scenes and monologues to develop the actors' abilities to internalize and sustain characters, analyze literature, develop French Objectives, prepare for auditions, and perform in a one-act play.

**H160. Improvisational Theatre** Gr. 9-12 1 Credit Full Year  
(Arts Education)

Improvisational Theatre utilizes theatre exercises and activities to teach students the skills necessary to perform spontaneous scenes as well as short and long form improv on stage. These skills include vocalization, stage presence, and incorporation of a basic knowledge of classical, historical, and contemporary topics.

**H168. Improvisational Theatre 2** Gr. 10-12 1 Credit Full Year  
*Prerequisite:* Improvisational Theatre  
(Arts Education)

This course is designed to refine the students' understanding and application of the art of improvisation, to develop a deeper understanding of the art, to establish positive self-confidence by polishing performing skills and to assist with the introduction of the art to beginning students. In addition, the students will create special projects, using research and presentation skills as well as continue to learn to create a positive, supportive environment in which to accept and give critiques.

**H163. Theatre Studies** Gr. 9-12 1 Credit Full Year  
(Arts Education)

Areas of study in this course include technical theatre, acting, and playwriting. Choose one area or try all three. The aspects covered will include technical practicum and design, rehearsal and performance, written critiques, original plays, and production of original materials and published works.

## Music

**H910. Concert Band** Gr. 9-12 .5 Credit Full Year  
(Arts Education) Every Other Day

This course covers the standard band repertoire in addition to contemporary music. Students will focus

on ensemble concepts such as balance, blend, tone and intonation. Through selected literature, students will also gain improved technical facility and knowledge of their own instrument. The course is open to all students who play a band instrument. **Participation in concerts and functions during school and after school hours is expected.**

**Note:** *This course may be taken more than once during a student's high school career.*

**H912. Jazz Band** **Gr. 9-12** **.5 Credit** **Full Year**  
(Arts Education) **Every Other Day**

**Prerequisite:** *Bass guitar, guitar, piano, and drum players must audition for this class.*

Students will cover the standard repertoire as well as contemporary music. Students will learn basic improvisational techniques in addition to the ensemble experience. Students will also be expected to develop music reading skills and learn basic theory. This class is open to all students who play saxophone, trombone, trumpet, bass guitar, guitar, piano, and drums. **Participation in concerts and functions during school and after school hours is expected.**

**Note:** *This course may be taken more than once during a student's high school career.*

**H911. Honors Jazz Band** **Gr. 10-12** **1 Credit** **Full Year**  
(Arts Education)

Weighted Course

**Prerequisite:** *By audition only*

Students cover the standard repertoire as well as contemporary music and learn improvisational techniques in addition to ensemble techniques. This is a select ensemble and requires instructor approval based on audition. **Participation in concerts and functions during school and after school hours is expected.**

**Note:** *This course may be taken more than once during a student's high school career.*

**H915. Guitar** **Gr. 9-12** **.5 Credit** **Semester**  
(Arts Education)

This course is designed for students with little or no experience in guitar. Students learn tuning, reading, and music notation with tablature. Chord construction, knowledge of scales, and performance of tunes is emphasized. Students must own an acoustic guitar for enrollment.

**H916. Guitar II** **Gr. 9-12** **.5 Credit** **Semester**  
(Arts Education)

Guitar II requires that guitar performance ability and music reading level are commensurate with the successful completion of Guitar H915. Students will continue to improve their technique, ability to read music notation, and understanding of music theory. Individual and ensemble performances will be emphasized. Students must own an acoustic guitar for enrollment.

**H922. Concert Choir** **Gr. 9-12** **.5 Credit** **Full Year**  
(Arts Education) **Every Other Day**

Concert Choir offers students the opportunity to explore vocal music through participation in a larger ensemble. It is open to students who demonstrate a sufficient degree of vocal/musical facility and ensemble awareness to perform a variety of literature and musical styles at a moderate level of

difficulty. While the focus is on choral performance, skills in music reading, listening and interpretation will also be addressed. **Participation in concerts and functions during school and after school hours is expected.**

*Note: This course may be taken more than once during a student's high school career.*

**H921. Jazz Choir** Gr. 9-12 .5 Credit Full Year  
(Arts Education) Every Other Day

Jazz Choir introduces students to the jazz style of singing using standard jazz repertoire as well as contemporary literature. Students learn basic improvisational techniques in addition to the skills studied in a traditional choral ensemble. **Participation in concerts and functions during school and after school hours is expected.**

*Note: This course may be taken more than once during a student's high school career.*

**H920. Honors Choir** Gr. 10-12 1 Credit Full Year  
(Arts Education)

Weighted Course

*Prerequisite: By audition only*

Honors Choir is an advanced-level chamber vocal ensemble and requires instructor approval based on audition. This ensemble is for students who demonstrate an advanced degree of vocal/musical facility and ensemble awareness to perform a variety of literature and musical styles at a medium-advanced level of difficulty. While the focus is on choral performance, skills in music reading, listening and interpretation will also be strongly addressed. **Participation in concerts and functions during school and after school hours is expected.**

*Note: This course may be taken more than once during a student's high school career.*

**H931. Music Theory & Composition 1** Gr. 9-12 .5 Credit Semester  
(Arts Education)

This course is designed to cover basic fundamentals of music theory. Students learn to identify intervals, clefs, simple harmonization, as well as construct scales and chords, etc. Students learn the art of composing vocal and instrumental music. This course is particularly helpful for students who take a performing ensemble, Guitar class, or are studying privately. It is strongly recommended for students wishing to pursue music studies in college.

## Dance

**H940. Dance, Movement & Music** Gr. 9-12 .5 Credit Semester  
(Arts Education or Physical Education)

This course is designed for the beginning to intermediate dance student. It introduces students to sequential skills in dance performance and choreography. Students learn a variety of dance styles that may include ballet, jazz, tap, modern, hip-hop, and partner dancing. Students are encouraged to participate in the creative process and discover their own movement potential. Students also develop a historical perspective regarding dance through the study of many styles and genres of dance. **Participation in functions during school and after school hours is expected.**

*Note: This course may be taken more than once during a student's high school career.*

## Visual Arts

**H850. Fundamentals of Art** **Gr. 9-12** **.5 Credit** **Semester**  
(Arts Education)

The Fundamentals of Art course is designed as an introduction to the Visual Arts program and forms the basis for all other Visual Arts courses offered. It consists of a discipline-based study of art production, art criticism, art history, and aesthetics. Students develop their work focusing on the elements and principles of design. They have the opportunity to manipulate several media as they learn the basic techniques for drawing, painting, two-dimensional design, and three-dimensional design.

**Note:** Successful completion of this course is a prerequisite for all other Visual Arts courses.

**H852. 3-D Design and Sculpture** **Gr. 9-12** **.5 Credit** **Semester**  
*Prerequisite: Fundamentals of Art*  
(Arts Education)

This course presents students with an introductory exploration of three-dimensional form. Students work through a series of progressive assignments that encourage a practical understanding of visual elements through media such as cardboard, wire, modeling clay, and foam core.

**H867. Advanced Placement Studio Art** **Gr. 11-12** **1 Credit** **Full Year**  
Weighted Course

*Prerequisite: Fundamentals of Art, Drawing 1 and one of the following: 3-D Design and Sculpture, Ceramics, Drawing 2, Painting, Photography 1, Photography 2*  
(Arts Education)

This course is intended for highly motivated, self-disciplined students who are committed to the serious study of art. AP Studio Art focuses on a variety of experiences demonstrating a range of understanding of media, techniques, aesthetics, and art history. Students will create portfolios that will entail a three-section structure: quality, concentration, and breadth. They will demonstrate a fundamental competence and range of understanding in visual concerns and methods.

**Note:** Successful completion of the AP Studio Art exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP Studio Art exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.

**H858. Ceramics** **Gr. 9-12** **.5 Credit** **Semester**  
*Prerequisite: Fundamentals of Art*  
(Arts Education)

Students focus on the theory and practice of basic ceramics, including methods of hand construction, glazing, and kiln firing. Emphasis is placed on the historical and cultural background of the craft.

**H856. Drawing 1** **Gr. 9-12** **.5 Credit** **Semester**  
*Prerequisite: Fundamentals of Art*  
(Arts Education)

In this course, students explore a variety of subjects, techniques, and materials to expand their drawing skills. Pencil, colored pencil, charcoal, pastel, and ink are some of the materials used to create still-lives, portraits, landscapes, illustrations, abstract compositions, and perspective drawings.

**H857. Drawing 2****Gr. 10-12****.5 Credit****Semester**

*Prerequisite: Drawing 1*  
(Arts Education)

In this course, students expand their understanding of the elements and principles of design as applied to two-dimensional drawing. They explore more intricate media and techniques and begin to formulate portfolio-caliber pieces.

**H853. Painting****Gr. 9-12****.5 Credit****Semester**

*Prerequisite: Fundamentals of Art*  
(Arts Education)

This course focuses on aspects of form, media, materials, and techniques in structured, specific class problems. Students further develop their understanding of color theory and pictorial quality.

**H870. Photography 1****Gr. 9-12****.5 Credit****Semester**

*Prerequisite: Fundamentals of Art*  
(Arts Education)

~~This is a black and white photography course designed for beginning students. The focus is on basic techniques, such as exposure control, lighting, composition, film development, print production, and basic function of a 35mm camera.~~

~~**Note:** Lab fee of \$35. It is highly recommended that students have access to a manual 35mm camera with adjustable focus, shutter, aperture, and a built-in or handheld light meter.~~

This introductory course deals with traditional black and white photography as well as digital photography and teaches basic camera handling, how cameras work, and darkroom procedures. Composition guidelines and the elements and principles of art are introduced. The course emphasizes both digital and film media. Any digital or 35mm film camera will do; however a standard SLR, DSLR or point and shoot camera with adjustable manual focus in either media is recommended. Students will be required to complete weekly homework assignments and will create a portfolio of their work by the end of the course.

Note: Lab fee of \$35

**H871. Photography 2****Gr. 10-12****.5 Credit****Semester**

*Prerequisite: Photography 1*  
(Arts Education)

~~This course is designed for students who have an understanding of the 35mm camera and basic techniques of black and white film developing. This course further develops technical skills and knowledge. Students are encouraged to explore techniques and to use photography as visual communication. They create a portfolio of work that reflects their individual development.~~

~~**Note:** Lab fee of \$45. It is highly recommended that students have access to a manual 35mm camera with adjustable focus, shutter, aperture, and a built-in or handheld light meter, and may need to purchase additional supplies.~~

This advanced photography course builds on skills and techniques learned and mastered in Photography 1. Students will explore advanced technical, artistic, and commercial aspects of digital and traditional film photography. Students will prepare a portfolio of work to exhibit at the completion of the course. Students will be required to complete weekly homework assignment and will produce a website for their photography work and learn ways to market their photography and get work in the field.

| Note: Lab fee of \$45



## **H262. Senior Quest**

**Gr. 12**

**1 Credit**

**Full Year**

*A cross-disciplinary 21st Century independent project*

*Prerequisite: By application only. Limited to 30 students.*

*Elective Credit is Awarded*

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore an subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

### ***Senior Quest: Honors-by-Contract***

#### **Weighted Course**

*Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.*

# World Languages

Through a communicative approach, the World Language Department promotes proficiency in languages along with knowledge of cultures and literature and strives to foster an appreciation of differences and similarities among peoples and nations. Many colleges and universities have a world language requirement and prefer that students study the same language for a minimum of three years at the high school level. Students who excel in the target language in eighth grade typically enroll in level two as a freshman and therefore have the potential to continue through the fifth level. Students who have not developed a strong base in the language are strongly urged to enroll in level one. Students and parents should work with their language teachers and school counselors to choose the best placement and to maximize the potential for success in the language studied.

**H505. Introduction to Modern Languages** **Gr. 9-10** **1 Credit** **Full Year**  
*Prerequisite for Grade 9:* Recommendation of Reading Specialist or Language Teacher  
(World Language)

This course is designed for students who have participated in the reading program at the middle school and would like to improve their English grammar skills prior to learning a world language. IML provides an introduction to the concept of language. Through this second language learning approach, students will gain knowledge and awareness of languages, countries, traditions, and customs worldwide. Skills learned in this course have proven to be a valuable precursor to successful completion of future world language classes.



**H510. French I** **Gr. 9-11** **1 Credit** **Full Year**  
*Prerequisite for Grade 9:* Recommendation of Reading Specialist or Language Teacher  
(World Language)

This course develops the students' abilities to read, write, speak, and understand simple French used in day-to-day living. Accurate pronunciation and fundamentals of good usage in writing and speaking are stressed. Cultural awareness is a major goal of this course, including that of listening to native speakers. Most readings, projects, and vocabulary are centered on cultural topics. Students are expected to begin speaking more French during class as they expand their communication skills.



**H520. French II** **Gr. 9-12** **1 Credit** **Full Year**  
*Prerequisite:* French I  
(World Language)

This course is a continuation of the French 1 program. It reinforces and strengthens all four aspects of the language – reading, writing, ~~listening~~listening, and speaking – as well as develops a greater awareness and understanding of French culture. Students are expected to speak French during class as they expand their communication skills and listening skills, and continue to improve their understanding of native speakers. This course is intended for any student who wants to continue with a study of the French language.



**H530. French III** **Gr. 10-12** **1 Credit** **Full Year**  
*Prerequisite:* French II  
(World Language)

This course offers the opportunity for students to apply the knowledge learned in the previous two levels, while continuing to learn new concepts in all four aspects of a language: reading, writing, listening, and speaking. A broad range of short stories, plays, poetry, music, and films in French will be presented. The study of Francophone culture, geography, and historical concepts are combined with a thorough presentation and review of grammar. Students will continue to speak more French during class as they expand their communication skills, while continuing to listen to and understanding native speakers. This course is intended for students who have successfully completed the first two levels of French and are eager to apply their knowledge and better communicate with the world around them.



**H540. French IV**

**Gr. 11-12**

**1 Credit**

**Full Year**

*Prerequisite:* French III  
(World Language)

This course is offered to students who wish to further study the French language and culture, but don't want to continue into the AP French course. These students must have successfully completed French through the third level. This course is designed to incorporate history, culture, and contemporary issues in the Francophone world and French cultures through music, film, and literature. A continuation of French grammar and vocabulary will coincide with each unit. In this course, students will be provided with an in-depth view and analysis of the topics and themes covered. Students are encouraged and expected to practice writing, speaking, listening, and reading French.



**H541. Honors French IV**

**Gr. 11-12**

**1 Credit**

**Full Year**

*Weighted Course*

*Prerequisite:* A grade of **B-** or higher in French III or recommendation of Department Chair  
(World Language)

Students will further expand and fine-tune their ability to communicate in French effectively in all four areas of communication (speaking, listening, reading, and writing). The curriculum includes oral presentations on various topics, skits, interviews, impromptu speeches, reports, projects, etc. Contemporary vocabulary for everyday situations will be studied on a weekly basis. Compositions and email replies will be done on a regular basis. There will be an in-depth review and study of grammar. The six themes, based on the College Board's Curriculum Framework, will be introduced throughout the year. Students will expand their knowledge of French and Francophone cultures. Class is conducted completely in French (except in rare cases to explain administrative procedures and difficult grammar) and students are expected to use the target language during class at all times, unless given permission to do otherwise. This course is conducted as a precursor to the AP level and it is designed for any student with a strong command of and interest in French. *(Students who enroll in this course will be required to complete a summer assignment prior to the start of class.)*



**H562. Advanced Placement French**

**Gr. 11-12**

**1 Credit**

**Full Year**

*Weighted Course*

*Prerequisite:* A grade of **B-** or higher in Honors French IV or recommendation of Department Chair  
(World Language)

In accordance with AP guidelines, this course will provide students with a learning experience equivalent to that of a third-year college course in French language. This means developing a strong command of the French language, with proficiency in integrating language skills and synthesizing written and aural materials, the formal writing process, extensive interpersonal and presentational

speaking and writing practice, and aural comprehension skills through quality, authentic, and level-appropriate audio and video recordings. Students are also further exposed to the world of literature and current events of French-speaking countries through authentic written texts, including newspaper and magazine articles, literary texts, and other nontechnical writings that develop students' reading and comprehension abilities. Class is conducted completely in French (except in rare cases to explain administrative procedures and difficult grammar) and includes frequent writing and integration of skills with a rigorous review of grammatical structure, and the six themes, based on the College Board's Curriculum Framework, will be the focus of the teaching and learning throughout the year. Students will make connections between their learning in the French classroom, their learning in other classes, and their daily lives. Students will use French in ways that reach or approach a high level of proficiency. Advanced organizational and analytical strategies are taught. An array of resources is used as necessary to facilitate the learning process. Students are required to use the target language during class at all times. *(Students who enroll in this course will be required to complete a summer assignment prior to the start of class.)*

**Note:** Successful completion of the AP French exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP French exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



**H511. Spanish I**

**Gr. 9-11**

**1 Credit**

**Full Year**

*Prerequisite for Grade 9:* Recommendation of Reading Specialist or Language Teacher  
(World Language)

This course develops the students' abilities to read, write, speak, and understand simple Spanish used in day-to-day living. Accurate pronunciation and fundamentals of good usage in writing and speaking are stressed. Cultural awareness is a major goal of this course, including that of listening to native speakers. Most readings, projects, and vocabulary are centered on cultural topics. Students are expected to begin speaking more Spanish during class as they expand their communication skills.



**H524. Spanish II**

**Gr. 9-12**

**1 Credit**

**Full Year**

*Prerequisite:* Spanish I  
(World Language)

This course is a continuation of the Spanish 1 program. It reinforces and strengthens all four aspects of the language – reading, writing, ~~listening~~listening, and speaking – as well as develops a greater awareness and understanding of Hispanic culture. Students are expected to speak Spanish during class as they expand their communication skills and listening skills, and continue to improve their understanding of native speakers. This course is intended for any student who wants to continue with a study of the Spanish language.



**H536. Spanish III**

**Gr. 10-12**

**1 Credit**

**Full Year**

*Prerequisite:* Spanish II  
(World Language)

This course offers the opportunity for students to apply the knowledge learned in the previous two levels, while continuing to learn new concepts, in all four aspects of a language; reading, writing, listening, and speaking. A broad range of short stories, plays, poetry, music, and films in Spanish will be presented. The study of Hispanic culture, geography, and historical concepts are combined with

a thorough presentation and review of grammar. Students will continue to speak more Spanish during class as they expand their communication skills, while continuing to listen to and understand native speakers. This course is intended for students who have successfully completed the first two levels of Spanish and are eager to apply their knowledge while better communicating in the world around them.



**H545. Spanish IV**

**Gr. 11-12**

**1 Credit**

**Full Year**

*Prerequisite:* Spanish III  
(World Language)

This course is offered to students who wish to further study the Spanish language and culture, but don't want to continue into the AP Spanish course. These students must have successfully completed Spanish through the third level. This course is designed to incorporate history, culture, and contemporary issues in the Hispanic world and Spanish cultures through music, film, art, and literature. A continuation of Spanish grammar and vocabulary will coincide with each unit. In this course, students will be provided with an in-depth view and analysis of the topics and themes covered. Students are encouraged and expected to practice writing, speaking, listening, and reading Spanish.



**H546. Honors Spanish IV**

**Gr. 11-12**

**1 Credit**

**Full Year**

*Weighted Course*

*Prerequisite:* A grade of **B-** or higher in Spanish III or recommendation of Department Chair  
(World Language)

Students will further expand and fine-tune their abilities to communicate Spanish effectively in all four areas of communication (speaking, listening, reading, and writing). The curriculum involves oral presentations on various topics, skits, interviews, impromptu speeches, reports, projects, etc. Contemporary vocabulary for everyday situations will be studied on a weekly basis. Compositions and email replies will be done on a regular basis. There will be an in-depth review and study of grammar. The six themes, based on the College Board's Curriculum Framework will be introduced throughout the year. Students will expand their knowledge of Spanish and Latin American culture. Class is conducted completely in Spanish (except in rare cases to explain administrative procedures and difficult grammar) and students are expected to use the target language during class at all times, unless given permission to do otherwise. This course is conducted as a precursor to the AP level and it is designed for any student with a strong command of and interest in Spanish. *(Students who enroll in this course will be required to complete a summer assignment prior to the start of class.)*



**H565. Advanced Placement Spanish**

**Gr. 11-12**

**1 Credit**

**Full Year**

*Weighted Course*

*Prerequisite:* A grade of **B-** or higher in Honors Spanish IV or recommendation of Department Chair  
(World Language)

In accordance with AP guidelines, this course will provide students with a learning experience equivalent to that of a third-year college course in Spanish language. This means developing a strong command of the Spanish language, with proficiency in integrating language skills and synthesizing written and aural materials, the formal writing process, extensive interpersonal and presentational speaking and writing practice, and aural comprehension skills through quality, authentic, and level-appropriate audio and video recordings. Students are also further exposed to the world of literature and current events of Spanish-speaking countries through authentic written texts, including newspaper and magazine articles,

literary texts, and other nontechnical writings that develop students' reading and comprehension abilities. Class is conducted completely in Spanish (except in rare cases to explain administrative procedures and difficult grammar) and includes frequent writing and integration of skills with a rigorous review of grammatical structures, and the six themes, based on the College Board's Curriculum Framework, will be the focus of the teaching and learning throughout the year. Students will make connections between their learning in the Spanish classroom, their learning in other classes, and their daily lives. Students will use Spanish in ways that reach or approach a high level of proficiency. Advanced organizational and analytical strategies are taught. An array of resources is used as necessary to facilitate the learning process. Students are required to use the target language during class at all times. (*Students who enroll in this course will be required to complete a summer assignment prior to the start of class.*)

**Note:** Successful completion of the AP Spanish exam may entitle the student to receive college credit, depending on the individual college and the test score. Students are expected to take the AP Spanish exam at the end of this course for a fee of approximately \$95, payable to College Board. Financial assistance is available to those who qualify for SAT waivers.



**H512. Latin I**  
(World Language)

**Gr. 11-12**

**1 Credit**

**Full Year**

This course is an introduction to Latin that focuses on the relevance of classical languages and their influence on English and Romance languages such as French and Spanish. English grammar is studied in conjunction with Latin grammar. Students learn to pronounce Latin correctly, read Latin out loud, and to translate stories from Latin to English. A significant aspect of this course is the study of grammar, vocabulary and etymology, which strengthens the students' overall language base. Roman history and culture are also integral components of this course. Juniors will be given preference for enrolling in this course.



**H522. Latin II**  
*Prerequisite:* Latin I  
(World Language)

**Gr. 12**

**1 Credit**

**Full Year**

This course builds on the skills developed in Latin I, including a more in-depth and intensive study of Latin grammar and syntax. Students will continue to learn a significant amount of vocabulary, challenging grammar concepts and continue to read and translate from Latin into English more complex stories than in Latin I. Etymology, Roman culture, and Roman history continue to be important components of the Latin sequence.



**H262. Senior Quest**  
*A cross-disciplinary 21st Century independent project*  
*Prerequisite: By application only. Limited to 30 students.*  
(Course Credit is dependent on topic )

**Gr. 12**

**1 Credit**

**Full Year**

A capstone to the academic career of those enrolled, Senior Quest offers students a chance to engage in a self-directed, project-based process aided by a faculty adviser. Throughout the year, Senior Quest students will develop their skills as critical thinkers, collaborators, creators, and communicators as they explore an subject of deep, personal interest. The students' project development will unfold in four phases, coinciding with each quarter, which they will document via an original website dedicated to

showcasing their experience. Their endeavor will culminate in a finished project or performance presentation open to HBHS faculty, students, and community.

**Senior Quest: Honors-by-Contract**

*Weighted Course*

Students enrolled in Senior Quest have the option of Honors by Contract. To be eligible for Honors Credit, students must agree to the terms outlined in a contract determined by the Senior Quest teacher at the beginning of the year.

# Career and Technical Programs

Hollis Brookline students are eligible to participate in Alvirne, Milford, Mascenic, Nashua North, and Nashua South High Schools career and technical education programs. [The class listings on pages 71-81 are subject to change, based on the 2016-17 course offerings at the technology centers.](#) All courses take a hands-on approach to learning and prepare students for the work force, a technical college, or a four-year school. These classes are two periods in length and usually require one period for transportation to and from the school. Transportation is provided to these programs. All of the courses within the Career and Technical Programs have designated course numbers or descriptions. Interested students should state their intentions to their school counselors prior to the end of their sophomore year.

## Alvirne High School

The following courses are available to students at Hollis Brookline High School and are offered as part of a two-year program to be taken during a student's junior and senior years.

Forest & Wildlife Management 1 & 2      Horticultural Operations 1 & 2      Veterinary Science 1 & 2  
Heavy Duty Mechanics 1 & 2

## Milford Applied Technology Center and Mascenic High School

Milford and Mascenic's Technical Studies Division offers a variety of two-credit programs in one or two-year sequences preparing students to:

1. Continue their courses of study in technical fields at two-or-four year-year colleges
2. Learn and apply technical and academic-related skills that will enable them to succeed at advanced levels of training and/or education
3. Acquire entry-level skills for employment upon graduation.

The following courses are offered as either one or two-year programs to be taken during a student's junior and/or senior years. Students need to complete at least the first two years of a program's sequence to fully benefit from the program.

Accounting	Computer Science	Marketing
Automotive Technology (Mascenic)	Construction Technology	Precision Machining
Biotechnology: Microbiology/Genetics	Culinary Arts	Pre-Engineering
Business	Graphic Arts	Video Production

## Nashua Technology Center

The following courses are offered as part of a two-year program to be taken during a student's junior and senior years. Juniors and students who will be able to complete BOTH years of the program are given preference when enrollments in these courses are determined. Students must fill out an application (available from the Guidance Department) for the first year of the program. Students who successfully complete the first year (level 1) of the program with a **C-** or higher will be allowed to enroll in the second level. Unless otherwise indicated, the courses are worth two credits and are considered restricted electives and free choice electives.

Accounting 1  
Advanced Precision Machine  
Automotive Tech 1 & 2  
Biotechnology 1 & 2  
CADD 1 & 2  
Careers in Education 1 & 2  
College Accounting

Construction Tech 1 & 2  
Computer Networking 1 & 2  
Cosmetology 1 & 2  
Culinary Arts 1 & 2  
Design & Visual Comm. 1 & 2  
Electrical Trades 1 & 2  
Engineering Pathways Electives

Financial Services 1 & 2  
Intro to Engineering Design  
Health Sciences 1 & 2  
Hospitality & Hotel Management 1 & 2  
HVAC 1 & 2  
Precision Machine Tech 1  
Video Production & Broadcasting 1 & 2

## Technical Courses

### Accounting

**H1090. Accounting I** (*Milford, Nashua*) **Gr. 10-11** **1 Credit** **Semester**  
(Practical Arts)

Accounting I provides strong foundational skills in the field of business and advanced accounting. Explore the language of business. Learn the accounting cycle using manual and computerized accounting systems for sole proprietorships and corporations. This semester course is open to students who want to understand the flow of money in a business. If you plan a career in accounting, business, finance, management, marketing, banking or plan on going into business on your own, this course is a must.

**College Credit:** May be available through the *Running Start* program.

**H1091. Accounting II** (*Milford, Nashua*) **Gr. 11-12** **1 Credit** **Semester**  
(Practical Arts)

Students will expand upon the foundation skills established in Accounting 1. Focus will be on departmentalized and corporate accounting systems as well as financial analysis, accounting for plant assets, and accrued accounting. Students will reinforce their learning by completing computerized projects and simulations to provide a realistic approach to problem solving. Students may have the opportunity to keep the financial records for various programs within the school. With such increased competency, students will be better prepared for entry into any post-secondary business program, or to pursue work in the business field.

**College Credit:** May be available through the *Running Start* program.

**Recommendation:** Successful completion of Accounting I with a C or higher.

**H1092. Accounting III** (*Milford*) **Gr. 11-12** **1 Credit** **Semester**  
(Practical Arts)

In Accounting 3 you will learn budgetary planning and control, cost accounting, and not-for-profit accounting. In this self-paced course, you will work individually to reinforce your skills by completing a variety of computerized projects and activities that simulate real-world applications.

**Recommendation:** Successful completion of Accounting II with a C or higher.

### Automotive Technology

**H1050. Automotive Technology I** (*Mascenic, Nashua*) **Gr. 11** **2 Credits** **Full Year**  
*Prerequisite: Algebra 1*  
(Practical Arts)

Automotive Technology I explores the transportation industry, automotive industry, and specific automotive systems. Students learn about the vehicle lubrication, wheels and tires, brake systems, basic automotive electronics, and steering and suspension. Instruction time is divided between the classroom and the shop.

Students are required to maintain a notebook and participate in repair and maintenance procedures in the automotive lab. *Note: Applicants must possess a valid driver's license without any violations.*

**College Credit:** May be available through the *Running Start* program.

**H1051. Automotive Technology 2** (*Mascenic, Nashua*) **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)

Students will participate in this work-study program consisting of instructional time spent in the classroom, as well as automotive lab and work time in area automotive service centers. Automotive Technology 2 is designed to prepare the student for further studies at the post-secondary level and/or a position in an entry-level job within the automotive repair industry.

*Note: Applicants must possess a valid driver's license without any violations.*

**College Credit:** May be available through the *Running Start* program.

**H1053. Heavy Duty Mechanics 1** (*Alvirne*) **Gr. 11** **2 Credits** **Full Year**  
(Practical Arts)

This course is designed to give students an understanding of large diesel and gasoline engines, as related to construction and agricultural equipment. Subject areas include equipment operation and maintenance, theory of engine operation, engine overhaul, hydraulics, power train, operation, welding, diagnostics, and troubleshooting. Safety will be stressed in all aspects of the course. Students will apply what they learn by gaining practical experience in the heavy equipment shop. Students can apply what they learn to help them with careers in mechanics, agriculture, construction, or trucking.

**1054. Heavy Duty Mechanics 2** (*Alvirne*) **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)

This course allows students to apply and expand upon skills and knowledge gained in the first year of the program. Students will work on construction and agricultural equipment performing repair, overhaul, diagnostics, and troubleshooting. Students will become independent through projects requiring record keeping, disassembly, analysis, replacement of parts, and final reassembly to a working condition. Students will troubleshoot basic diesel engine malfunctions using the latest computer technology. This course will help prepare students for an entry level job in heavy equipment maintenance or a technical school program in mechanics.

## **Biotechnology**

**H1827. Microbiology: Principles and Practices** (*Milford*) **Gr. 11-12** **1 Credit** **Semester 1**  
(Life Science/Biology)

Microbiology: Principles and Practices is an advanced laboratory and activity based program meant to introduce students to principles and practices of medical microbiology. Microbiology is an essential course for any student interested in a career in the life sciences such as nursing, microbiologist, geneticist, biochemist, forensic scientist, medical doctor or a veterinarian.

*Note: Students may apply for Honors level credit that will require and independent research project.*

**College Credit:** May be available through the *Running Start* program.

**H1040. Biotechnology/Genetics** (*Milford*) **Gr. 11-12** **1 Credit** **Semester 2**  
(Science)

This class is intended to expose students to various biotechnology fields such as microbial, agricultural, animal, forensic, bioremediation, aquatic, and medical. This class engages the student in several areas such as molecular biology, cell biology, immunology and bioethics. Techniques that will be discussed and used in the laboratory will

include genetic engineering for the expression of a specific protein and immunoassay development in order to develop monoclonal antibodies. Through re-creations of actual industry investigations and intense laboratory efforts, students will perform individual research projects. Students will maintain lab equipment and will gain experience writing technical labs, protocols, and a formal research paper. Guest speakers will highlight the course work as well as industry related field trips. Mini-internships are available for the very motivated students. Students interested in pursuing careers such as forensic scientist, nursing, microbiologist, geneticist, biochemist, medical doctor or veterinarian will find Biotechnology a strong component of these career fields.

**College Credit:** May be available through the *Running Start* program.

**H1041. Biotechnology I (Nashua) Gr. 12 2 Credits Full Year**

*Prerequisite: Algebra 1*

(Life Science/Biology)

Explore biotechnology by working in a state-of-the-art laboratory environment and earn your required Biology credit. Learn basic protocols and advanced techniques for analyzing cell structures, genetic manipulation, medical microbiology, molecular biology and protein production. In this academic course, you will explore the theories and technologies of the rapidly expanding biotech industry which will develop the skills needed to pursue a variety of medical and scientific careers.

**H1042. Biotechnology II (Nashua) Gr. 12 2 Credits Full Year**

(Science)

Become skilled in laboratory techniques most in demand in today's life science laboratories and the biotech industry. Learn more about genetics, cell structure, protein production and purification. Re-create actual industry investigations in a real-world biotech laboratory. Write a resume and build a personal portfolio by writing technical labs and protocols. Guest speakers and field trips will supplement your lab and class work. Internships may be available for qualified students.

## **Business and Hospitality**

**H1015. Applied Business Applications (Milford) Gr. 11-12 1 Credit Semester 1**

(ICT, Practical Arts)

Explore intermediate applications of end-user productivity software, including office suites. Topics include the functions of business, exploring current trends and learning about business career opportunities. Topical discussions include the economics of business, our multicultural society and its implications for business, global business and social responsibility and business ethics.

**H1016. Principles of Business & Entrepreneurship (Milford) Gr. 11-12 1 Credits Semester 2**

(ICT, Practical Arts)

Learn advanced application of end-user productivity software, including office suites. Emphasis is on data sharing and integration, desktop information management, as well as interacting in each application with the Internet. Included is a study of business structures such as the forms of business organizations and entrepreneurship; an overview of the origin of law and the federal and state court systems; an introduction to the study of the law of contracts, property, bailment and agency. The case approach will be emphasized. Upon completion of Business Administration and enrollment in Business Management, juniors and seniors may apply for Running Start college credit.

**H1014. Personal Finance and Career Management (Milford) Gr. 11-12 1 Credits Semester**

(ICT, Practical Arts)

This course provides students with an opportunity to gain knowledge and skills that are necessary to function effectively as consumers, workers and responsible citizens in today's global economy. A multi-

faceted focus on financial literacy and post high school education/training options as well as keys to success in the modern workplace are stressed. Students learn the skills required to be an informed consumer, with key topics including, income and taxes, budgeting, savings and credit, and checking account management. Students will be exposed to goal-setting, decision-making and problem-solving as foundational skills needed for success throughout their lifetimes. A professional portfolio will be developed as an essential element of this class.

**H1018. Business Management and Law (Milford)** **Gr. 11-12** **1 Credits** **Semester**  
(ICT, Practical Arts)

*Business Management & Law* is the capstone course in the Business Program at MHS/ATC and emphasizes the skills necessary to be an effective manager of any business. Students explore various forms of business ownership and are introduced to the roles and responsibilities of a business manager. All functions of management will be covered extensively including decision making, effective communication, and information processing skills. Students will gain practical knowledge while studying economic and social concepts related to laws governing businesses and individuals. Ethics and the law, employment law, consumer protection law and contract law are among the topics that will be included in this course of study.

**Recommendation:** Successful completion of *Personal Finance & Career Management* or *Principles of Business & Entrepreneurship* with a C or better.

**H1065. Cosmetology 1 (Nashua)** **Gr. 11** **2 Credits** **Full Year**  
(Practical Arts)

Gain foundation competencies in Cosmetology related to orientation, safety, leadership, personal development, chemistry, properties of the scalp and hair, draping, shampooing, rinsing and conditioning, removing unwanted hair, waving, wet hairstyling, roller sets, artistry of artificial hair and wigs, manicures and pedicures, the nail and its disorders, hair cutting, thermal hair styling/blow waving, and different types of hair coloring. This is a hands-on course with practice and review in each area. You will be tested individually on each subject and be required to pass a practical assessment as well.

**Note:** Students can gain hours toward State Cosmetology certification if they demonstrate competency in this course. *Lab fees are required.*

**H1066. Cosmetology 2 (Nashua)** **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)

Learn how to apply makeup, develop experience and confidence using mannequins, and practice advanced nail techniques. Gain experience by running the in-school salon. Visit supply companies, attend cosmetology symposia, and learn from guest speakers working in the industry. In addition, you will investigate post-secondary educational programs that would enhance your career opportunities.

**H1093. Financial Services 1 (Nashua)** **Gr. 11** **2 Credits** **Full Year**  
(Practical Arts)

Explore the principles, functions, and modern trends and practices of banking and credit in the United States. Students are introduced to credit cards, loans, identity theft, and debt collection. Through a study of the structure of brokerage firms, the trading process, credit and margin practices, automated processes, and government regulations, students gain an understanding of how a securities firm services its customers and plays an important role in our economy.

**H1094. Financial Services 2 (Nashua)** **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)



programming concepts including basic data structures. Emphasis is placed on procedural programming techniques, documentation, development of algorithms to process numerical information and text, and coding and debugging techniques.

**H1089. Data Structures (Milford)** **Gr. 11-12** **1 Credit** **Semester**  
(Practical Arts)

*Prerequisite:* Successful completion of *Java Programming* with a grade of “B” or better.

This is a course in the study of program methodology, algorithms, and data structures as implemented in Java. Numerous applications of mathematical & linguistic computing provide the context in which these subjects are treated. Students create programs and work with logical and theoretical problems. The course is an Advanced Placement course and students taking this course will be expected to take the standardized AP test in May through which they can earn college credit by achieving a qualifying score on the test.

**H1086. Computer Networking 1 (Nashua)** **Gr. 11** **2 Credits** **Full Year**  
(Practical Arts)

This course satisfies the computer requirements for graduation. The functionality and operation of the OSI and TCP/IP model layers will be explored in depth. IP addressing and subnetting will be covered. Ethernet theory of operation, as well as network planning and cabling will be studied. Students will learn the proper methods of cable termination and how to use various tools and meters for network testing. Routing principles and packet forwarding strategies will be examined. Static and dynamic routing strengths and weaknesses, as well as the pros and cons of distance vector and linkstate routing protocols will be investigated. Students will be introduced to variable length subnet masking and classless inter-domain routing.

**H1087. Computer Networking 2 (Nashua)** **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)

Students study a wide variety of topics including LAN design and switching concepts and configuration. Virtual LANS (VLANs), Virtual Trunking Protocol and Spanning-Tree Protocol, along with inter-VLAN routing will be examined. Wireless networking concepts are covered. Students learn various wide area connection protocols, such as Point-to-Point (PPP) and Frame Relay. Network security, including intrusion-prevention, Access Control Lists, and specialized access techniques for telecommuting are examined. Students are introduced to automatic addressing, (DHCP and Network Address Translation), as well as new protocols such as new generation RIP (RIPng) with IPv6. Network trouble shooting are covered extensively.

## Construction Technology

**H1058. Construction Technology 1 (Milford)** **Gr. 11-12** **1 Credit** **Semester 1**

**H1058. Construction Technology 1 (Nashua)** **Gr. 11** **2 Credits** **Full Year**  
(Practical Arts)

This is the first semester of the Construction Technology Program. It will be an introduction to basic residential construction, safe operation of construction-related hand and power tools, blue print reading and construction math principles. Students will engage in a variety of modules to learn skills, practice those skills and demonstrate proficiency in basic construction technology program competencies. Skills USA activities are an important part of the student experience in this program.

**H1053. Residential Finish Carpentry (Milford)** **Gr. 11-12** **1 Credit** **Semester 2**  
(Practical Arts)

*Prerequisite:* Successful completion of *Construction Technology I* with a grade of “C” or better.

This course teaches all aspects of Residential Finish Carpentry, in which students will focus on theory and practical applications engaging them in a variety of projects. Components encompass wall and ceiling

coverings, interior door selection and installation, interior trim details and installation, and basic cabinetry. Students will walk away with a creative skill set applicable to personal or career endeavors. Students who have completed one semester of Residential Finish Carpentry with a C or better are encouraged to enroll in one semester of *Advanced Construction* to complete the Construction Technology Program competencies and to become proficient through practice.

<b>H1052. Adv. Construction Tech (Milford)</b>	<b>Gr. 11-12</b>	<b>1 Credit</b>	<b>Semester 2</b>
<b>H1059. Construction Tech 2 (Nashua)</b> (Practical Arts)	<b>Gr. 12</b>	<b>2 Credits</b>	<b>Full Year</b>

This course is the continuation of the Construction Technology Program. Students in Adv. Construction Technology review many of the skills learned in Construction technology but use these skills to perform more complex and challenging operations and projects such as stair building, advanced finish work and advanced framing. Advanced students are encouraged to take leadership roles in Skills USA activities.

<b>H1053. Residential Finish Carpentry (Milford)</b> (Practical Arts)	<b>Gr. 11-12</b>	<b>1 Credit</b>	<b>Semester 2</b>
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*Prerequisite:* Successful completion of *Construction Technology I* with a grade of “C” or better.

This course teaches all aspects of Residential Finish Carpentry, in which students will focus on theory and practical applications engaging them in a variety of projects. Components encompass wall and ceiling coverings, interior door selection and installation, interior trim details and installation, and basic cabinetry. Students will walk away with a creative skill set applicable to personal or career endeavors. Students who have completed this course with a C or better are encouraged to enroll in *Advanced Construction* to complete the Construction Technology Program competencies and to become proficient through practice.

## Culinary

<b>H1063. Culinary Arts 1 (Milford, Nashua)</b> (Practical Arts)	<b>Gr. 11-12</b>	<b>2 Credits</b>	<b>Full Year</b>
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This introduction to the professional kitchen includes sanitation and safety in a food production area. Attention is focused on food-borne illnesses and their origins along with knife skills and equipment identification. Students will learn techniques in baking to produce breads, rolls, breakfast items, cookies, and cakes. Students will be introduced to pastry production. Students will become proficient in preparing stocks and soups and learn the proper techniques of preparing delicious vegetables, salads and dressings.

**College Credit:** May be available through the *Running Start* program.

<b>H1064. Culinary Arts 2 (Milford, Nashua)</b> (Practical Arts)	<b>Gr. 12</b>	<b>2 Credits</b>	<b>Full Year</b>
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This continuation of *Culinary Arts 1* builds upon the foundation skills learned in Level 1 as students produce a more refined product. Areas of study include: sauces (demi-glace, velouté, béchamel, tomato, hollandaise), cooking techniques (sautéing, stir-frying, pan and deep-frying, grilling, broiling, etc.), seafood cookery, and refining knife skills. Students will be introduced to basic cake decoration. Working as part of a team in the on-site restaurant/bakery, students will learn dining room service, experience retail sales and training (with an introduction to a Point of Sales System), menu-planning, and food/labor costs.

**College Credit:** May be available through the *Running Start* program.

## Education

<b>H1060. Careers in Education 1 (Nashua)</b> (Practical Arts)	<b>Gr. 11</b>	<b>2 Credits</b>	<b>Full Year</b>
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This course introduces students to the basic knowledge needed to pursue a career in the Early Childhood education field. Learn how to set up a classroom environment and how to maintain the health, safety and nutrition of the children in your care. Students explore different philosophies in early childhood education, review children's literature, learn about behavior management and receive an introduction to curriculum and lesson planning. In addition, students work in the Purple Panther Preschool and get hands-on experience with preschool children between the ages of three and four years old.

**H1061. Careers in Education 2 (Nashua)** **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)

Learn about the development of the 6-12 year old in a work-based learning environment. Three days a week, you will work as a teacher's aide at local elementary schools during regular class time. In addition to studying philosophies of elementary education, you will study child guidance techniques, strategies to work with all learners, and other career opportunities in this changing society. This course is recommended for students seeking child related careers and positions as future educators.

## Electrical Technology

**H1021. Electrical Trades 1 (Nashua)** **Gr. 11** **2 Credits** **Full Year**  
(Practical Arts)

This course is designed to teach the skills required to become an apprentice electrician. In this program, students learn to install electrical equipment for lighting, heating and power applications in commercial and residential buildings according to the National Electrical Code.

**H1022. Electrical Trades 2 (Nashua)** **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)

In this course, students further study residential wiring and the National Electrical Code. Topics covered include commercial wiring applications such as motor control, conduit bending and fire alarm systems. Students who successfully complete two years of Electrical Trades Technology training receive 144 hours of credit toward an apprentice license.

## Environmental Sciences

**H1075. Forest & Wildlife Management 1 (Alvirne)** **Gr. 11** **2 Credits** **Full Year**  
**H10755. Forest & Wildlife Management 2 (Alvirne)** **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)

This course is designed for students with an interest in a career in the outdoors. It will help prepare students for an entry-level job or a college education in a natural resources field. It will cover use, maintenance, and repair of forestry tools and machinery (including chainsaws and heavy equipment). Students will learn many aspects of natural resources including forest ecology, forest fires, insects and diseases, forest management, technical tree climbing, and wildlife. Considerable amounts of outdoor work will be required. Students must have steel-toed boots.

**H1034. Horticultural Operations 1 (Alvirne)** **Gr. 11** **2 Credits** **Full Year**  
(Practical Arts)

This two-year program offers an in-depth look into the field of Horticulture. This course will offer instruction on greenhouse operations and plant propagation as well as various growing techniques. Students will also be introduced to other disciplines in the field of horticulture by exploring landscape maintenance and design. Instruction emphasizes knowledge and understanding of the importance of

establishing, maintaining, and managing ornamental horticulture enterprises. Typical instructional activities include hands-on experiences with propagating, growing, establishing, and maintaining greenhouse crops; designing landscapes; landscape maintenance; preparing designs; sales and management; participating in personal and community leadership development activities; and participating in FFA activities.

**H1034. Horticultural Operations 2** (*Alvirne*) **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)

The Horticultural Operations 2 course is a continuation of Horticultural Operations 1. This course includes organized subject matter and practical experiences related to plants used principally for ornamental or aesthetic purposes. Instruction emphasizes knowledge and understanding of the importance of establishing, maintaining, and managing ornamental horticulture enterprises. This two-year course will prepare students for entry level jobs or further education leading to employment in the green industry.

## Graphic Arts & Communications

**H1100. Adobe Photoshop** (*Milford*) **Gr. 11-12** **1 Credits** **Semester 2**  
(Practical Arts)

The Graphic Design is designed to give students an understanding of Adobe InDesign and the offset printing press. The next time you read your favorite magazine or go through the latest catalog that arrives in your mailbox, stop for a moment and think about how that publication came to be. First, writers, editors and designers participate in the creative process. Printers take that creative work and turn it into the publications you read every day. In this class you will learn the theories of graphic design while designing and producing several real-world projects. Students learn basic and advanced techniques for designing and creating effective promotional pieces, publications, and digital-art. In addition, students gain a foundational knowledge of the processes behind commercial printing operations.

**H1101. Screen Printing** (*Milford*) **Gr. 11-12** **1 Credits** **Semester 1**  
(Practical Arts)

Screen Printing is designed to give students an understanding of Adobe Illustrator and Screen Printing. Have you ever wanted to silkscreen your own designer t-shirts? Here's your chance! Screen printing is arguably the most versatile of all printing processes. It can be used to print on a wide variety of materials including paper, plastics, glass, metals, fabrics, and many other materials. Some common products from the screen printing industry include posters, labels, decals, and all types of textiles and electronic circuit boards, and yes, this is the class in which you make t-shirts. Students use Adobe Illustrator--computer software that enables users to design digital illustration and edit vector graphics images and save them as files into a number of vector graphics formats.

**H1088. Design and Visual Communications 1** (*Nashua*) **Gr. 11** **2 Credits** **Full Year**  
(Practical Arts)

Graphic Design & Printing Technology is a two-year program that begins in a student's junior year. There are no prerequisites, but students are required to have their own NHS Computer account and be familiar with basic computer use.

**H1089. Design and Visual Communications 2** (*Nashua*) **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)

Both juniors and seniors of Graphic Design & Printing Technology become involved in many community projects and competitions including Skills USA, a national leadership organization designed to help CTE students excel in their fields.

## Health Sciences

**H1028. Health Sciences 1 (Nashua)** **Gr. 11** **2 Credits** **Full Year**  
(Science)

Explore health occupations through this overview of Anatomy of Physiology. Included in this class are labs, which solidify the information, received in the theory portion of the class. This class also includes the study of medical terminology, career guidance, and the opportunity to become Basic Life Support (BLS) and First Aid Certified. Students will purchase a laboratory jacket which must be worn when practicing skills learned through lectures.

**H1029. Health Sciences 2 (Nashua)** **Gr. 12** **3 Credits** **Full Year**  
(Science)

Upon acceptance into level 2, students receive on-the-job clinical training which will help prepare for the many careers available in the health care field. It is through this program that students are offered the opportunity to pursue their certification as a Licensed Nursing Assistant (LNA) by taking the NH State LNA Licensure exam, or an EMT by passing the EMT Certification exam. As part of the LNA programs, students apply academic knowledge using a hands-on approach by assisting at local nursing facilities during their daily school hours. Those who don't pursue the LNA option will shadow various health careers based on student interest. These shadows will take place with the local hospitals, Rockingham Ambulance, dental practices, and other health services sites.

**H1401. Veterinary Science 1 (Alvirne)** **Gr. 11** **2 Credits** **Full Year**  
(Science)

*Prerequisite: Biology*

The first year of this two-year course introduces students to the applied principles and practices used in small and large animal related business with a special emphasis on veterinary medicine. Students will explore concepts through hands-on experiences working with Alvirne's kennel animals such as chinchillas, rabbits, guinea pigs, ferrets, rodents, and birds along with our large animal species including donkeys, dairy cattle, and our newest arrival, Angel, a Haflinger horse. Topics will also include safety, animal behavior, breed and species identification, animal health, welfare and client relations. Through continuous exposure to animals on the school farm and small animal facility, students will develop hands-on skills in handling, restraint, grooming, feeding, breed selection, cleaning/disinfection, training, and record keeping. Students will develop skills in professional telephone etiquette and customer service. Students will also be required to complete 12 hours of community service in an animal related service project. This course will provide students with entry levels skills and knowledge for employment as veterinary assistants, pet shop workers, humane society assistants or assistant groomers. Enrolled students may choose to compete in the State/National FFA Veterinary Science Competition.

**Note:** Students successfully completing Veterinary Science 1 and 2 with a C+ or better can earn 2 college credits at Great Bay Community College through Project Running Start (or 1 life science credit toward graduation), or articulation credits toward SUNY at Cobleskill.

**H1401. Veterinary Science 2 (Alvirne)** **Gr. 11** **2 Credits** **Full Year**  
(Science)

In the second year of the Veterinary Science program, students will continue to build on their knowledge and skills gained in the first year. Using the kennel's small animals and large animal species including our newest arrival, "Angel", Haflinger horse, advanced topics will include nutrition and anatomy, health and disease and veterinary medical terminology and entrepreneurship. Hands-on skills will be developed in feed selection, laboratory procedures (i.e. fecal analysis, blood and urine analysis), animal health and disease prevention, such as vaccinations, de-worming, grooming, physical exams, office skills, equipment identification and business management. Students will also be required to complete 12 hours of community service in an animal-related service project. Enrolled students may choose to compete in the State/National FFA Veterinary Science Competition. Successful completion of this program greatly enhances a student's potential for success in post-secondary education, as well as entry level job in an animal science field.

**Note:** Students successfully completing Veterinary Science 1 and 2 with a C+ or better can earn 2 college credits at Great Bay Community College through Project Running Start (or 1 life science credit toward graduation), or articulation credits toward SUNY at Cobleskill.

## Heating, Ventilation & Air Conditioning (HVAC)

**H1081. Heating, Ventilation & Air Conditioning 1 (Nashua)**      **Gr. 11**      **2 Credits**      **Full Year**  
(Practical Arts)

Students learn refrigeration fundamentals, electricity and controls; installing, operating, servicing, and repairing both heating and air conditioning equipment through classroom demonstrations and laboratory experiments. They work on domestic and commercial refrigeration and window and central air conditioning equipment, including heat pumps and oil and gas systems. Students learn on modern equipment, including three-phase electrical components. The demand for skilled technicians far exceeds the supply in this field.

**H1082. Heating, Ventilation & Air Conditioning 2 (Nashua)**      **Gr. 12**      **2 Credits**      **Full Year**  
(Practical Arts)

Students learn to perform systems tests, troubleshoot and repair heating, air-conditioning and refrigeration systems with state-of-the industry equipment on a variety of models and makes of both residential and commercial HVAC systems. They learn to use a variety of tools and instruments to perform tests for electrical, pressure and burner efficiency. Laboratory activities focus on refrigeration systems (component installation and repair), pipe fitting, ventilation ducting, air-conditioning unit service and furnace and burner service. Individual safety codes pertaining to each type of system are addressed and adhered to during lab activities.

## Marketing

**H1076. Marketing (Milford)**      **Gr. 11-12**      **1 Credit**      **Semester 1**  
(Practical Arts)

Have you ever bought something and a few days later wondered why you spent all your money on it? In this course students obtain skills to understand the world of **MARKETING**, including purchasing, financing, distribution, psychological pricing, risk management, the marketing mix, market research, and designing a marketing plan. Students will develop a portfolio of their best work to bring to a job or college interview. Operation of the school store will give students the practical experience they can apply to the competencies studied. Also, job seeking and keeping skills will be explored. Students are encouraged to join DECA, a student organization, whose goal is for students to develop a "career success kit" to carry into their business and personal lives!

**H1077. Marketing 2 (Milford)** **Gr. 11-12** **1 Credit** **Semester 2**  
(Practical Arts)

Students continue their marketing education through practical experiences gained in the school store and marketing research. Students work as merchandise category managers of the school store at Milford and also are responsible for its fiscal operations.

**H1078. Marketing 3 (Milford)** **Gr. 12** **1 Credits** **Semester**  
(Practical Arts)

This course is designed for the serious marketing student who has successfully completed all state competencies in *Marketing Education 1 and 2*. Students perform topical research and invest time in marketing businesses doing real world tasks. Students will have the opportunity to choose individualized projects every marking period, each with a career focus.

## Precision Machining

**H1044. Precision Machining (Milford)** **Gr. 11** **1 Credits** **Semester 1**  
(Practical Arts)

This is the first semester of the Precision Machining Program. It will be an introduction to basic machine operations and blueprint reading which includes instruction in lathes, milling machines, surface grinders, and drill presses. Students learn basic measuring techniques which incorporate the use of micrometers, depth micrometers, ~~vernier~~Vernier calipers, and dial indicators. Students develop skills to machine parts using raw materials with information from a blueprint. Skills USA activities are an important part of the student experience in this program.

**H1046. Advanced Precision Machining (Milford)** **Gr. 11-12** **1 Credit** **Semester 2**  
**H1055. Advanced Precision Machining (Nashua)** **Gr. 12** **2 Credits** **Full Year**  
(Practical Arts)

This course is the continuation of the Precision Machining Program. Students in *Advanced Precision Machining* review many of the skills learned in *Precision Machining* but use these skills to perform more complex and challenging operations. Students will design and manufacture projects using Master Cam. A strong emphasis is placed on Numeric Control and Computer Numeric Control (NC/CNC) programming. Students will write their own programs to machine parts on the Prototrack milling machine, lathes as well as all Intellitek machines. This course relies heavily on applied activities with many opportunities for students to take on projects of their own design. Advanced students are expected to take leadership roles in Skills USA activities. Opportunity for 6 credits for dual enrollment with Nashua Community College.

## Pre-Engineering

**H1715. Engineering Design (Milford)** **Gr. 11-12** **1 Credit** **Semester 2**  
(Practical Arts)

*Prerequisite:* Successful completion of *Algebra I* and *9<sup>th</sup>/10<sup>th</sup> science* with C or higher

*Engineering Design* is a foundational college level course offered as a component of the Mechatronics Certificate Program at Manchester Community College. This course allows students to develop their design skills with an emphasis on placed on graphics as the primary means of communication using a myriad of Autodesk software products. This software is specific to engineering professions from mechanical engineering, architectural, and computer graphics/illustration design. A series of projects are used to teach the design process with emphasis on problem identification, criteria generation, brainstorming, decision-making, detailed design, economics and project management. Teamwork is emphasized as students are



(Practical Arts)

This one semester college level course that offers participants the opportunity to earn college credits through the *Running Start* program. Students will explore the manufacturing process not only as a sequence of material manipulation but also as a product of management. Current managerial philosophies and their effects on every phase of manufacturing will be examined. This information will be synthesized and applied to a manufacturing model, which will give students an opportunity to test their theories on managing a manufacturing facility with limited resources. Throughout the course, emphasis will be placed on effective workplace skills including teamwork, integrity, and dependability.

**H1026. Computer Integrated Manufacturing (Milford)**                      **Gr. 12**                      **1 Credit**                      **Semester**  
(Practical Arts)

*Prerequisite: ~~Engineering~~Engineering Design, Mechatronics, and Precision Machining* with C or higher

*Computer Integrated Manufacturing* is a college level course and an integral component of the Mechatronics Certificate Program at MCC. Students will explore the manufacturing process not only as a sequence of material manipulation but also as a product of management. Current managerial philosophies and their effect on every phase of manufacturing will be examined. This information will be synthesized and applied to a manufacturing model, which will give students an opportunity to test their theories on managing a manufacturing facility with limited resources. Throughout the course, emphasis will be placed on effective workplace skills including teamwork, integrity, and dependability.

## Video Production

**H1048. Video Production 1 (Milford)**                      **Gr. 11-12**                      **1 Credits**                      **Semester 1**  
(Practical Arts)

Students in this program will develop skills in video and audio production. They will learn on studio/post-production equipment. While there is a large amount of hands-on experience in this course, students should recognize that a significant amount of "note-taking" will also take place. Basic competencies will be developed on individual equipment and through small group production projects. This program includes the use of non-linear computer-based editing as well as the use of computer generated graphics.

**H1049. Video Production 2 (Milford)**                      **Gr. 11-12**                      **1 Credits**                      **Semester 2**  
(Practical Arts)

Continuing the work started in Video Production 1; planning and writing are significant parts of this course. Students will do more volunteer work in community productions; and may be employed part-time in paid internships with professional producers.

**H1047. Video Production & Broadcasting (Nashua)**                      **Gr. 11**                      **2 Credits**                      **Full Year**  
(Practical Arts)

Students learn video production and broadcasting by experiencing hands on the roles of producer, writer, camera operator, host, editor and technician in Nashua High School South's state of the art broadcast facility. They learn about the art and technology of modern communication while producing useful and attractive programs for the class, the high schools and the school district. They increase self-confidence and organizational abilities by planning, writing, and completing their own projects. In the first half of the year, students complete a series of exercises designed to introduce them to the concepts and practice of multimedia project management. In the spring semester, they propose programs and produce those approved by the instructor.

**H1097. Video Production & Broadcasting 2 (Nashua)**                      **Gr. 12**                      **2 Credits**                      **Full Year**

(Practical Arts)

This class builds on the knowledge gained in the previous year by writing, producing and creating video programs for the class, the high schools, the school district and the community. Students learn more about cable, satellite and web based distribution channels. They build a reel and resume helping them qualify for further education and employment.

## Extracurricular Student Programs

The following extracurricular activities are currently available for students. Some of these activities are subject to change depending upon availability of advisors and student interest.

A Cappella Club "Forte"	Gay Straight Alliance	Ski & Snowboard Club
Amnesty International	Granite State Challenge	Spanish Club
Book Club	Green Group	Student Council
CavChronline (Newspaper)	The HomeFront Club	Tech Crew
Chemistry Club	Life of a Cavalier Club	Theatre Program
Crew Club	Math Team	Tri-M (Music Honor Society)
Dance Team	National Honor Society	US FIRST Robotics Team
Debate Team	Pep Band	Video Club
<del>Destination Imagination</del>	Outing/Climbing Club	Yearbook
Fiber Arts Club	Red Cross Club	Young Writers Club
French Club		

### **Athletic Programs**

The Athletic Programs at HBHS consist of an interscholastic program governed by the NHIAA. The program is elective and is offered after regular school hours. The interscholastic sports are conducted in the fall, winter, and spring seasons, with the teams competing against schools in New Hampshire. All contests are played under New Hampshire Interscholastic Athletic Association Regulations. Each student must satisfy eligibility requirements set by the NHIAA and Hollis Brookline High School.

#### **NHIAA Handbook, Sect. 2: Scholastic Standing**

A. No pupil who has failed to pass four (4) units of work during the school's previous grading period shall represent the school in any interscholastic contest. A minimum of four (4) units of work per grading period is required for participation in interscholastic athletics.

A physician's or nurse practitioner's statement certifying that the student has passed a pre-participation physical examination within six months prior to the student's first participation in high school interscholastic sports as well as an updated one two years later (normally their freshmen and junior years) must be on file in the school health office as well as with the Athletic Trainer (ATC). Every year each athlete shall have on file with the ATC an annual medical history exam in order to ascertain any injuries or conditions that would warrant an updated physical exam.

Any pupil significantly ill or injured during their high school athletic career must be re-examined by a physician in order to be eligible to return to interscholastic sports. A statement from the physician certifying physical eligibility must be on file with the health office as well as the Athletic Trainer.

All members of interscholastic sports teams will be required to pay a participation fee (which varies from sport to sport) each sports season in which they participate, to help defray the costs of interscholastic sports. An annual cap per family is placed on this fee. In order to allow as many students as possible to participate in athletics, students cannot try out for, or be members of, more than one sports team each season with the exception being placekicking for the football team.

Athletes who intend to participate in collegiate athletics must register with the NCAA Eligibility Center. Check [www.NCAA.org](http://www.NCAA.org) for general information and [www.eligibilitycenter.org](http://www.eligibilitycenter.org) to register.

## HBHS Athletics

	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
<b>Boys</b>	Cross Country Golf Football, <i>Varsity, JV, Freshmen</i> Soccer, <i>Varsity, JV, Unified</i> Spirit Squad <u>Unified Soccer</u> <u>Bass Fishing</u>	Alpine Ski Team Basketball, <i>Varsity, JV, Freshmen, Unified</i> Bowling Indoor Track Gymnastics Ice Hockey Spirit Squad Swimming Wrestling, <i>Varsity, JV</i> <u>Unified Basketball</u>	Baseball, <i>Varsity, JV</i> Lacrosse, <i>Varsity, JV, Freshmen</i> Track & Field, <i>Varsity, JV, Unified</i> Tennis Volleyball, <i>Varsity, JV</i> <u>Unified Track</u>
<b>Girls</b>	Cross Country Golf Field Hockey, <i>Varsity, JV</i> Soccer, <i>Varsity, JV, Unified</i> Spirit Squad Volleyball, <i>Varsity, JV, Freshmen</i>	Alpine Ski Team Basketball, <i>Varsity, JV, Freshmen, Unified</i> Bowling Indoor Track Gymnastics Ice Hockey Spirit Squad Swimming Wrestling, <i>Varsity, JV</i>	Lacrosse, <i>Varsity, JV, Freshmen</i> Softball, <i>Varsity, JV</i> Track & Field, <i>Varsity, JV, Unified</i> Tennis

## NCAA Approved Courses\*\*\*

Algebra 1, Advanced	Biology, Accelerated	Latin I
Algebra 1	Calculus	Latin II
Algebra 1, General	Chemistry	Legal Studies
Algebra 2	Chemistry, Honors	Memoirs & Biography I/II
Algebra 2, Accelerated	Civics	Physical Science w/Earth Science
Algebra 2, General	Contemporary Issues	Physical Science w/Earth Science, Accel
Algebra 3/Trigonometry	Economics	Physics: Conceptual
Anatomy & Physiology, I/II	English 9	Physics: Principles & Problems
Anatomy & Physiology, Honors	English 9, Accelerated	Poetry
Anthropology	English 9 Read	Pre-Calculus
AP Biology	English 10	Pre-Calculus, Honors
AP Calculus	English 10, Accelerated	Psychology
AP Chemistry	English 10 Read	Science Fiction
AP English Language and Composition	French I	Sociology
AP English Literature & Composition	French II	Spanish I
AP Environmental Science	French III	Spanish II
AP French	French IV	Spanish III
AP Physics I	French IV, Honors	Spanish IV
AP Physics II	General Science w/Earth Science	Spanish IV, Honors
AP Psychology	Geometry	U.S. History
AP Spanish	Geometry, Accelerated	U.S. Literature
AP U.S. Government and Politics	Honors Literature	World Literature
AP U.S. History	Honors U.S. Literature	World Studies

AP World History  
Biology

Journalism 1  
Junior/Senior Science Seminar

Writing

\*\*This section will be updated to reflect New courses and those that are NCAA Approved.

## Student Four-Year Educational Plan

Developing a Four-Year Educational Plan is a worthwhile exercise for all students. Consult the list of minimum graduation requirements found on page 6 and work with your parents, teachers, and counselors to ensure that you meet course prerequisites.

Name: \_\_\_\_\_ Class of: \_\_\_\_\_ Counselor: \_\_\_\_\_

Date: \_\_\_\_\_ Career Interests: \_\_\_\_\_

Grade 9		Grade 10		Grade 11		Grade 12	
Course	Credit	Course	Credit	Course	Credit	Course	Credit
<b>Total</b>		<b>Total</b>		<b>Total</b>		<b>Total</b>	

## Sample Four-Year Educational Plan

The following is an example of a Four-Year Educational Plan. Students are expected to carry 6 credits each year.

Grade 9		Grade 10		Grade 11		Grade 12	
Course	Credit	Course	Credit	Course	Credit	Course	Credit
US History	1.0	World <del>History</del> History	1.0	Economics / Civics	1.0	Physics	1.0
Physical Science	1.0	Biology	1.0	Chemistry	1.0	Pre-Calculus	1.0
Algebra 1	1.0	Geometry	1.0	Algebra 2	1.0	Honors Literature	1.0
English 9	1.0	English 10	1.0	U.S. Literature	1.0	World Language	1.0
World Language	1.0	World Language	1.0	World Language	1.0	ELECTIVE(S)	3.0
Fitness/Wellness	1.0	Writing	0.5	ELECTIVE(S)	2.0		
ELECTIVE(S)	1.0	Physical Education	0.5				
		ELECTIVE(S)	1.0				
<b>Total</b>	<b>7.0</b>	<b>Total</b>	<b>7.0</b>	<b>Total</b>	<b>7.0</b>	<b>Total</b>	<b>7.0</b>

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<b>Anticipated Hours of Homework*</b>	<b>Average Hours/Week</b>
AP: 1 hour x 5 nights weekly x # courses	
Honors: .75 hours x 5 nights weekly x # courses	
College Prep: .5 hours x 5 nights weekly x # courses	
<b>Total School Hours:</b>	

<b>Extra-Curricular <del>Activites</del>Activities</b>	<b>Average Hours/Week</b>
Clubs/Interests/Hobbies	
Paid Job	
Community Service	
Sports/Physical Activity	
Music/Theatre Performance	
Other (Driver's Ed, SAT Prep, College Apps etc)	
<b>Total Extra-Curricular Hours:</b>	

<b>Daily Living Activities</b>	<b>Average Hours/Week</b>
Sleep (7 days x 9 Recommended Hours)	
Necessities (Eating, Showering, Chores etc)	
Travel to and from School	
Family Time	
Free Time (Friends, TV, Phone, Internet etc)	
<b>Total Daily Living Hours:</b>	

School Day Hours =	35
Homework Hours =	
Extra-Curricular Hours =	
Daily Living Hours =	
<b>YOUR TOTAL HOURS</b>	
<b>Available Hours/Week</b>	<b>168</b>

\* Daily homework amounts are estimates \*

## Student Activities Spreadsheet

Building an activity spreadsheet is a useful planning tool for evaluating the demands of the school, homework, and extracurricular activities. Please keep in mind that the information provided below is an estimate; it is intended to assist you in choosing the proper balance of classes during the course selection process.

<u>Anticipated Hours of Homework*</u>	<u>Average Hours/Week</u>
<u>AP: 1 hour x 5 nights weekly x # courses</u>	-
<u>Honors: .75 hours x 5 nights weekly x # courses</u>	-
<u>College Prep: .5 hours x 5 nights weekly x # courses</u>	-
<b><u>Total School Hours:</u></b>	-

<u>Extra-Curricular Activities</u>	<u>Average Hours/Week</u>
<u>Clubs/Interests/Hobbies</u>	-
<u>Paid Job</u>	-
<u>Community Service</u>	-
<u>Sports/Physical Activity</u>	-
<u>Music/Theatre Performance</u>	-
<u>Other (Driver's Ed, SAT Prep, College Apps etc)</u>	-
<b><u>Total Extra-Curricular Hours:</u></b>	-

<u>Daily Living Activities</u>	<u>Average Hours/Week</u>
<u>Sleep (7 days x 9 Recommended Hours)</u>	-
<u>Necessities (Eating, Showering, Chores etc)</u>	-
<u>Travel to and from School</u>	-
<u>Family Time</u>	-
<u>Free Time (Friends, TV, Phone, Internet etc)</u>	-
<b><u>Total Daily Living Hours:</u></b>	-

<u>School Day Hours =</u>	<u>35</u>
<u>Homework Hours =</u>	-
<u>Extra-Curricular Hours =</u>	-
<u>Daily Living Hours =</u>	-
<b><u>YOUR TOTAL HOURS</u></b>	-
<b><u>Available Hours/Week</u></b>	<b><u>168</u></b>

\* Daily homework amounts are estimates \*

# Index

**Weighted Courses** are **bold**

**A:** Fulfills Art requirement

**B:** Fulfills Biological Science Requirement

**M4:** Fulfills 4<sup>th</sup> year Math Requirement

**P:** Fulfills Physical Science Requirement

**ICT:** Fulfills Info and Comp Tech requirement

**EOD:** Course meets every other day, all year

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## Non-Discrimination

It is the policy of the School Administrative Unit #41 not to discriminate in its education programs, activities, or employment practices on the basis of race, language, sex, age, creed, color, marital status, national origin, or handicapping conditions under the provisions of the Title VI and IX of the 1972 Educational Amendments: Section 504 of the Rehabilitation Act of 1972, and the Education of Handicapped Children's Act of 1976. The coordinator for 504 Activities, Title VI and the Education of Handicapped Children's Act is the Superintendent of Schools, 4 Lund Lane, Hollis, New Hampshire 03049, telephone (603) 465-7714. The coordinator for Title IX is the Hollis/Brookline High School Principal, 24 Cavalier Court, Hollis, New Hampshire 03049, telephone (603) 465-2269. Inquiries may be directed to the coordinators listed herein or to the Regional Office for Civil Rights, 140 Federal Street, Boston, Massachusetts 02110, or the New Hampshire Human Rights Commission, 66 South Spring Street, Concord, New Hampshire 03301. Grievance Procedures which provide for the prompt and equitable resolution of complaints alleging violations to Titles VI and IX, Section 504, and the Education of Handicapped Children's Act of 1976 are available. Grievance Procedures may be obtained at the office of the coordinators listed herein. School Administrative Unit #41 includes the Brookline, Hollis, and Hollis Brookline Cooperative School Districts and the employees in the SAU #41 Office. Approved 9/6/84

**Hollis Brookline High School – Mathematics Department – Course Sequencing**

<b>8<sup>th</sup> Grade</b>	<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
Grade 8 Math	Algebra 1A	Algebra 1B	General Geometry	Running Start Algebra 2 with Applied College Mathematics
Grade 8 Math	Algebra 1	Geometry	Algebra 2 2 or RS Algebra 2 with ACM	Running Start Algebra 3/Trig or Pre-Calculus
Algebra	Algebra 1	Geometry	Algebra 2 or RS Algebra 2 with ACM	RS Algebra 3/Trig or Pre-Calculus
Algebra	Geometry	Algebra 2	Pre-Calculus	Calculus AP Statistics
Algebra	Accelerated Geometry	Accelerated Algebra 2	Honors Pre-Calculus	AP Calculus AP Statistics

**HOLLIS BROOKLINE SCHOOL DISTRICT**  
**FY 18 SB2 and TRADITIONAL ANNUAL MEETING DATES and DEADLINES**  
**USING RSA REGULATIONS**

Action	RSA Parameters	SB2		Traditional				RSA Reference
		Brookline	Snow Date	Hollis	Snow Date	Coop	Snow Date	
Last day to <u>post notice</u> of budget hearing	SB2: "...the second Tuesday in January..."; Trad.: at least 7 days in advance of budget hearing	1/10/2017		1/30/2017		1/31/2017		SB2-40:13,II-a(a), 32:5,I; Trad.-32:, I
Last day for negotiated cost items to be finalized	SB2: "...the second Tuesday in January..."; Trad.: not later than 30 days before the date prescribed for the district meeting, or the 2nd Tues in March, whichever is earlier	1/10/2017		2/5/2017		2/11/2017		SB2-40:13, II-a (b), 273-A:1; Trad.-32:5-a; 197:6
Last day for petitioned warrant articles	SB2: "...the second Tuesday in January..."; Trad.: not later than 30 days before the date prescribed for the district meeting, or the 2nd Tues in March, whichever is earlier	1/10/2017		2/6/2017		2/13/2017		SB2-40:13, II-a (b), 39:3; Trad.-197:6
<b>PUBLIC HEARING DATES</b>	SB2: "...on or before the third Tuesday in January..."; Trad.: not later than 25 days before (district meeting) i.e. 25 days or EARLIER	<b>1/12/2017</b>	<b>1/17/2017</b>	<b>2/7/2017</b>		<b>2/8/2017</b>	<b>2/9/2017</b>	SB2-40:13, II-a (c); Trad.-32:, I
<b>FIRST SESSION-DELIBERATIVE</b>	SB2: "...between the first and second Saturdays following the last Monday in January, inclusive of those Saturdays..."	<b>2/6/2017</b>	<b>2/7/2017</b>					SB2-40:13, III
Town Report Submission Deadline	Deadlines provided by Towns for them to meet timeline requirements	2/8/2017		2/10/2017		2/10/2017		Town Requirements
Last day for budget committee to deliver budget and warrant article recommendations to selectpersons for Posting	Trad.: at least 20 days before [district meeting]			2/14/2017		2/20/2017		Trad.-32:16,IV
Last day to <u>post</u> warrant, budget and default budget	SB2: "...on or before the last Monday in January..."; Trad.: 14 days before day of meeting (not including meeting day or posting day)	1/30/2017		2/20/2017		2/24/2017		SB2-40:13, II-a (d), 39:5, 197:7; Trad.- 197:7
Annual report with budget (and ballot questions) made available to voters	SB2 and Trad.: at least 7 days prior to meeting	3/7/2017		2/27/2017		3/3/2017		SB2-40:13, II; Trad.- 32:5, VII(a)
<b>SCHOOL DISTRICT MEETING DAY</b>	Trad.: annually between March 1 and March 25			<b>3/7/2017</b>	<b>3/9/2017</b>	<b>3/13/2017</b>	<b>3/16/2016</b>	Trad.-197:1
<b>SECOND SESSION-BALLOT VOTING</b>	SB2: "...the second Tuesday in March..."	<b>3/14/2017</b>						SB2-40:13, VII
Submit signed and completed forms to DRA	SB2 and Trad.: within 20 days of the close of the meeting	4/3/2017		3/26/2017		4/1/2017		21-J:34,II

# FY18 Coop Budget Wrksht RND 4 v2 (12/14/16)

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.1000.892.00.	(Food Service Bad Debt	\$1,115.78	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1100.110.00.	(Negt. Support Staff Increases	\$0.00	\$0.00	\$0.00	\$85,439.00	\$85,439.00	\$85,439.00	0.0%
10.1100.111.00.	(New Hire Orientation Wages	\$2,106.78	\$3,940.76	\$0.00	\$4,000.00	\$4,000.00	\$4,000.00	0.0%
10.1100.112.00.	(Teacher Lane Changes	\$0.00	\$0.00	\$18,664.90	\$91,697.50	\$91,697.50	\$73,032.60	391.3%
10.1100.120.00.	(Negt. Professional Staff Increases	\$0.00	\$0.00	\$44,897.69	\$317,476.00	\$317,476.00	\$272,578.31	607.1%
10.1100.127.04.	(Salaries - Tutor	\$176.05	\$735.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1100.128.00.	(Salaries, Substitutes	(\$97.50)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1100.128.03.	(Substitutes, Ms	\$34,981.31	\$34,794.00	\$36,000.00	\$36,000.00	\$36,000.00	\$0.00	0.0%
10.1100.128.04.	(Substitutes, Sr High	\$64,943.43	\$61,025.71	\$66,550.00	\$66,550.00	\$66,550.00	\$0.00	0.0%
10.1100.320.03.	(Homebound Instruction	\$0.00	\$0.00	\$320.00	\$380.00	\$380.00	\$60.00	18.8%
10.1100.320.04.	(Homebound Instruction	\$577.75	\$1,104.50	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	0.0%
10.1100.430.03.	(Equipment Repair	\$3,028.47	\$1,127.01	\$2,715.00	\$2,715.00	\$2,715.00	\$0.00	0.0%
10.1100.614.03.	(Expendable Supplies	\$15,532.00	\$13,513.31	\$11,802.30	\$12,400.00	\$12,400.00	\$597.70	5.1%
10.1100.614.04.	(Expendable Supplies	\$15,309.86	\$11,602.95	\$14,310.00	\$14,900.00	\$14,900.00	\$590.00	4.1%
10.1100.616.03.	(Awards	\$0.00	\$0.00	\$0.00	\$150.00	\$150.00	\$150.00	0.0%
10.1100.616.04.	(Awards	\$546.00	\$740.42	\$650.00	\$700.00	\$700.00	\$50.00	7.7%
10.1100.642.03.	(Publications	\$2,013.49	\$1,760.58	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.0%
10.1100.642.04.	(Publications	\$247.75	\$0.00	\$250.00	\$250.00	\$250.00	\$0.00	0.0%
10.1100.648.00.	(Access Fees	\$0.00	\$1,403.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1100.733.03.	(Additional Equipment	\$0.00	\$0.00	\$990.00	\$0.00	\$0.00	(\$990.00)	-100.0%
10.1100.734.03.	(Instruction Specific New Hardware	\$302.19	\$6,091.25	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1100.734.04.	(Instruction Specific New Hardware	\$1,153.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1100.737.03.	(Repl Equipment	\$18.88	\$0.00	\$0.00	\$4,800.00	\$4,800.00	\$4,800.00	0.0%
10.1100.737.04.	(Replacement Equipment	\$1,210.67	\$0.00	\$1,955.00	\$705.00	\$705.00	(\$1,250.00)	-63.9%
10.1102.112.03.	(Salaries, Art	\$44,761.00	\$46,836.00	\$49,887.00	\$49,887.00	\$49,887.00	\$0.00	0.0%
10.1102.112.04.	(Salaries, Art	\$115,076.00	\$117,377.00	\$114,793.00	\$114,793.00	\$114,793.00	\$0.00	0.0%
10.1102.430.03.	(Repairs and Maintenance	\$0.00	\$276.71	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1102.430.04.	(Repair Equipment, Art	\$0.00	\$0.00	\$400.00	\$250.00	\$250.00	(\$150.00)	-37.5%
10.1102.614.03.	(Expendable Supplies, Art	\$4,094.35	\$3,025.86	\$3,562.00	\$3,425.00	\$3,425.00	(\$137.00)	-3.8%
10.1102.614.04.	(Expendable Supplies, Art	\$12,073.03	\$12,589.35	\$12,400.00	\$12,800.00	\$12,800.00	\$400.00	3.2%
10.1102.615.04.	(Teaching Mat, Art	\$348.49	\$307.07	\$350.00	\$325.00	\$325.00	(\$25.00)	-7.1%
10.1102.733.03.	(Addl Equipment, Art	\$0.00	\$0.00	\$368.00	\$0.00	\$0.00	(\$368.00)	-100.0%
10.1102.737.04.	(Replacement Equip, Art	\$1,819.64	\$1,162.00	\$1,621.00	\$1,621.00	\$1,621.00	\$0.00	0.0%
10.1102.810.04.	(Dues, Art	\$0.00	\$0.00	\$0.00	\$100.00	\$100.00	\$100.00	0.0%
10.1105.112.03.	(Salaries, Language Arts	\$212,462.64	\$214,653.00	\$227,585.00	\$227,585.00	\$227,585.00	\$0.00	0.0%
10.1105.112.04.	(Salaries, Lang Arts	\$640,539.37	\$573,304.79	\$604,285.00	\$604,285.00	\$604,285.00	\$0.00	0.0%
10.1105.550.04.	(Printing	\$1,503.61	\$148.77	\$1,700.00	\$1,700.00	\$1,700.00	\$0.00	0.0%
10.1105.612.04.	(Workbooks	\$8,578.69	\$7,121.02	\$5,713.75	\$8,709.22	\$8,709.22	\$2,995.47	52.4%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.1105.615.03.	(Teaching Mat, Lang Arts	\$0.00	\$0.00	\$391.00	\$0.00	\$0.00	(\$391.00)	-100.0%
10.1105.615.04.	(Teaching Mat, Lang Arts	\$258.78	\$420.00	\$509.57	\$480.00	\$480.00	(\$29.57)	-5.8%
10.1105.641.03.	(Textbooks, Language Arts	\$2,936.63	\$3,256.74	\$2,405.00	\$5,770.00	\$5,770.00	\$3,365.00	139.9%
10.1105.641.04.	(Textbooks, Lang Arts	\$4,500.51	\$2,850.13	\$7,842.86	\$6,287.50	\$6,287.50	(\$1,555.36)	-19.8%
10.1105.733.04.	(Additional Equipment	\$1,189.98	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1105.810.04.	(Dues	\$0.00	\$0.00	\$278.00	\$278.00	\$278.00	\$0.00	0.0%
10.1106.112.03.	(Salaries, Foreign Lang	\$176,010.00	\$185,412.55	\$182,411.00	\$173,056.00	\$173,056.00	(\$9,355.00)	-5.1%
10.1106.112.04.	(Salaries, Foreign Lang	\$352,117.02	\$350,572.37	\$350,777.00	\$350,777.00	\$350,777.00	\$0.00	0.0%
10.1106.320.04.	(Guest Speakers, World Language	\$180.28	\$0.00	\$0.00	\$100.00	\$100.00	\$100.00	0.0%
10.1106.612.04.	(Workbooks, Foreign Lang	\$7,792.04	\$8,924.07	\$10,908.32	\$13,660.45	\$13,660.45	\$2,752.13	25.2%
10.1106.614.03.	(Expend. Supplies Fr Lang	\$470.81	\$538.83	\$700.00	\$555.00	\$555.00	(\$145.00)	-20.7%
10.1106.614.04.	(Expend. Supplies, Foreign Lang	\$87.78	\$513.10	\$67.68	\$300.00	\$300.00	\$232.32	343.3%
10.1106.615.03.	(Teaching Mat, Foreign Lang	\$7,870.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1106.615.04.	(Teaching Mat, Foreign Lang	\$1,470.58	\$691.32	\$0.00	\$925.95	\$925.95	\$925.95	0.0%
10.1106.641.04.	(Textbooks, Foreign Lang	\$4,932.85	\$4,331.50	\$2,425.00	\$1,203.50	\$1,203.50	(\$1,221.50)	-50.4%
10.1106.643.04.	(Online Resources	\$12,901.46	\$0.00	\$5,952.00	\$6,311.00	\$6,311.00	\$359.00	6.0%
10.1106.733.04.	(Addl Equip, Foreign Lang	\$0.00	\$0.00	\$0.00	\$2,436.00	\$2,436.00	\$2,436.00	0.0%
10.1106.810.04.	(Dues, Foreign Lang	\$55.00	\$160.00	\$0.00	\$150.00	\$150.00	\$150.00	0.0%
10.1107.112.03.	(Salaries, Health	\$55,186.00	\$57,438.00	\$61,086.00	\$61,086.00	\$61,086.00	\$0.00	0.0%
10.1107.112.04.	(Salaries, Health	\$55,220.00	\$45,059.20	\$45,735.20	\$45,735.20	\$45,735.20	\$0.00	0.0%
10.1107.320.04.	(Guest Speakers, Health	\$0.00	\$0.00	\$455.00	\$255.00	\$255.00	(\$200.00)	-44.0%
10.1107.614.03.	(Expendable Supplies-Health	\$135.77	\$480.63	\$281.67	\$500.00	\$500.00	\$218.33	77.5%
10.1107.615.03.	(Teaching Mat, Health	\$1,210.96	\$325.96	\$598.33	\$380.00	\$380.00	(\$218.33)	-36.5%
10.1107.615.04.	(Teaching Mat, Health	\$825.64	\$832.46	\$805.00	\$900.00	\$900.00	\$95.00	11.8%
10.1107.641.04.	(Books and Other Print Media	\$627.28	\$0.00	\$2,895.00	\$2,525.00	\$2,525.00	(\$370.00)	-12.8%
10.1108.112.03.	(Salaries, Phys Ed	\$145,036.00	\$147,938.00	\$150,158.00	\$150,158.00	\$150,158.00	\$0.00	0.0%
10.1108.112.04.	(Salaries, Phys Ed	\$111,304.00	\$114,127.31	\$118,290.00	\$118,290.00	\$118,290.00	\$0.00	0.0%
10.1108.430.03.	(Repairs and Maintenance	\$0.00	\$844.00	\$1,150.00	\$1,000.00	\$1,000.00	(\$150.00)	-13.0%
10.1108.430.04.	(Repairs And Maint Services	\$563.56	\$285.00	\$568.93	\$570.00	\$570.00	\$1.07	0.2%
10.1108.614.03.	(Expendable Supplies, Phys Ed	\$1,386.64	\$1,003.50	\$1,018.00	\$1,060.00	\$1,060.00	\$42.00	4.1%
10.1108.615.03.	(Teaching Mat, Phys Ed	\$2,988.03	\$2,263.40	\$3,056.00	\$3,100.00	\$3,100.00	\$44.00	1.4%
10.1108.615.04.	(Teaching Mat, Phys Ed	\$2,455.28	\$1,391.69	\$2,785.87	\$2,400.00	\$2,400.00	(\$385.87)	-13.9%
10.1108.737.04.	(Replacement Equip.	\$95.19	\$860.24	\$1,015.20	\$900.00	\$900.00	(\$115.20)	-11.3%
10.1109.112.04.	(Salaries, Home Ec	\$49,699.00	\$51,853.00	\$54,910.00	\$54,910.00	\$54,910.00	\$0.00	0.0%
10.1109.320.04.	(Guest Speakers	\$100.00	\$0.00	\$200.00	\$200.00	\$200.00	\$0.00	0.0%
10.1109.430.04.	(Repair Equip, Home Ec	\$0.00	\$118.00	\$500.00	\$550.00	\$550.00	\$50.00	10.0%
10.1109.614.04.	(Expendable Supplies, Home Ec	\$11,783.55	\$10,187.58	\$10,380.00	\$12,000.00	\$12,000.00	\$1,620.00	15.6%
10.1109.615.04.	(Teaching Mat, Home Ec	\$74.00	\$180.54	\$1,035.00	\$1,035.00	\$1,035.00	\$0.00	0.0%
10.1109.616.04.	(Awards	\$0.00	\$0.00	\$80.00	\$80.00	\$80.00	\$0.00	0.0%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.1109.641.04.	(Textbooks, Home Ec	\$0.00	\$295.90	\$970.00	\$630.00	\$630.00	(\$340.00)	-35.1%
10.1109.737.04.	(Replacement Equipment	\$169.97	\$0.00	\$600.00	\$600.00	\$600.00	\$0.00	0.0%
10.1109.810.04.	(Dues, Home Ec	\$0.00	\$0.00	\$0.00	\$200.00	\$200.00	\$200.00	0.0%
10.1110.112.03.	(Salaries, Ind Arts	\$68,554.00	\$69,925.00	\$70,974.00	\$70,974.00	\$70,974.00	\$0.00	0.0%
10.1110.430.03.	(Repairs and Maintenance	\$0.00	\$0.00	\$500.00	\$500.00	\$500.00	\$0.00	0.0%
10.1110.614.03.	(Expendable Supplies, Ind Art	\$2,140.25	\$2,486.31	\$2,400.00	\$2,890.00	\$2,890.00	\$490.00	20.4%
10.1110.733.03.	(Additional Equip, Ind Arts	\$0.00	\$0.00	\$550.00	\$0.00	\$0.00	(\$550.00)	-100.0%
10.1110.737.03.	(Repl Equipment, Ind Arts	\$0.00	\$496.90	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1111.112.03.	(Salaries, Math	\$207,900.00	\$217,159.00	\$234,122.00	\$234,122.00	\$234,122.00	\$0.00	0.0%
10.1111.112.04.	(Salaries, Math	\$576,622.04	\$547,453.81	\$606,942.50	\$606,942.50	\$606,942.50	\$0.00	0.0%
10.1111.614.03.	(Expendable Supplies, Math	\$741.65	\$377.40	\$850.00	\$778.00	\$778.00	(\$72.00)	-8.5%
10.1111.614.04.	(Expendable Supplies, Math	\$0.00	\$427.85	\$1,220.00	\$560.00	\$560.00	(\$660.00)	-54.1%
10.1111.615.03.	(Teaching Mat, Math	\$2,218.67	\$241.99	\$0.00	\$620.00	\$620.00	\$620.00	0.0%
10.1111.615.04.	(Teaching Mat, Math	\$0.00	\$0.00	\$1,775.00	\$360.00	\$360.00	(\$1,415.00)	-79.7%
10.1111.616.04.	(PLTW Expense	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1111.641.03.	(Textbooks, Math	\$19,136.00	\$0.00	\$1,150.00	\$1,440.00	\$1,440.00	\$290.00	25.2%
10.1111.641.04.	(Textbooks, Math	\$2,195.99	\$14,212.13	\$24,707.00	\$0.00	\$0.00	(\$24,707.00)	-100.0%
10.1111.643.03.	(Online Resources-Math	\$0.00	\$0.00	\$780.00	\$1,280.00	\$1,280.00	\$500.00	64.1%
10.1111.643.04.	(Online Resources	\$0.00	\$874.27	\$2,000.00	\$1,500.00	\$1,500.00	(\$500.00)	-25.0%
10.1111.733.03.	(Additional Equipment Math	(\$75.00)	\$0.00	\$114.00	\$0.00	\$0.00	(\$114.00)	-100.0%
10.1111.810.03.	(Dues and Fees	\$1,330.00	\$1,388.00	\$754.00	\$766.00	\$766.00	\$12.00	1.6%
10.1111.810.04.	(Dues, Math	\$0.00	\$0.00	\$0.00	\$200.00	\$200.00	\$200.00	0.0%
10.1112.112.03.	(Salaries, Music	\$117,069.00	\$110,740.00	\$114,259.00	\$114,259.00	\$114,259.00	\$0.00	0.0%
10.1112.112.04.	(Salaries, Music	\$91,697.74	\$98,770.19	\$106,839.89	\$106,839.89	\$106,839.89	\$0.00	0.0%
10.1112.113.04.	(Salaries - Theater	\$0.00	\$14,718.99	\$15,829.12	\$15,829.11	\$15,829.11	(\$0.01)	0.0%
10.1112.430.03.	(Repairs and Maintenance	\$0.00	\$524.35	\$700.00	\$700.00	\$700.00	\$0.00	0.0%
10.1112.430.04.	(Repair Equip, Music	\$502.66	\$324.75	\$500.00	\$900.00	\$900.00	\$400.00	80.0%
10.1112.540.04.	(Transportation Music	\$1,462.15	\$1,019.40	\$550.00	\$1,627.00	\$1,627.00	\$1,077.00	195.8%
10.1112.580.04.	(Travel, Choral Director	\$226.72	\$0.00	\$578.00	\$300.00	\$300.00	(\$278.00)	-48.1%
10.1112.612.04.	(Workbooks, Music	\$263.89	\$254.20	\$180.00	\$200.00	\$200.00	\$20.00	11.1%
10.1112.614.03.	(Expendable Supplies, Music	\$1,052.03	\$356.17	\$550.00	\$500.00	\$500.00	(\$50.00)	-9.1%
10.1112.614.04.	(Expendable Supplies, Music	\$422.75	\$1,351.79	\$972.00	\$1,000.00	\$1,000.00	\$28.00	2.9%
10.1112.615.03.	(Teaching Mat, Music	\$1,492.21	\$1,153.27	\$1,500.00	\$1,436.00	\$1,436.00	(\$64.00)	-4.3%
10.1112.615.04.	(Teaching Mat, Music	\$811.99	\$1,407.02	\$1,400.00	\$1,600.00	\$1,600.00	\$200.00	14.3%
10.1112.616.04.	(Teaching Mats. Choral	\$1,362.49	\$1,485.39	\$1,400.00	\$1,600.00	\$1,600.00	\$200.00	14.3%
10.1112.617.04.	(Teaching Mat, Dance	\$318.00	\$0.00	\$350.00	\$350.00	\$350.00	\$0.00	0.0%
10.1112.649.03.	(Publications	\$100.00	\$137.50	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1112.649.04.	(Publications	\$0.00	\$137.50	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1112.733.03.	(Additional Equip	\$695.99	\$0.00	\$0.00	\$500.00	\$500.00	\$500.00	0.0%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.1112.733.04.	(Addl Equip, Music	\$3,461.99	\$850.00	\$120.00	\$350.00	\$350.00	\$230.00	191.7%
10.1112.737.03.	(Replacement Equipment	\$2,171.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1112.737.04.	(Replace Equip, Music	\$435.00	\$0.00	\$500.00	\$500.00	\$500.00	\$0.00	0.0%
10.1112.810.03.	(Dues and Fees	\$258.00	\$256.00	\$256.00	\$258.00	\$258.00	\$2.00	0.8%
10.1112.810.04.	(Dues, Music	\$130.00	\$944.00	\$1,080.00	\$1,080.00	\$1,080.00	\$0.00	0.0%
10.1113.112.03.	(Salaries, Science	\$279,720.00	\$247,686.00	\$203,684.00	\$203,684.00	\$203,684.00	\$0.00	0.0%
10.1113.112.04.	(Salaries, Science	\$505,191.31	\$522,693.43	\$545,913.80	\$545,913.80	\$545,913.80	\$0.00	0.0%
10.1113.430.03.	(Repairs and Maintenance	\$0.00	\$550.00	\$550.00	\$605.00	\$605.00	\$55.00	10.0%
10.1113.430.04.	(Repair, Science	\$1,030.00	\$0.00	\$1,100.00	\$1,100.00	\$1,100.00	\$0.00	0.0%
10.1113.612.04.	(Workbooks	\$1,049.43	\$0.00	\$1,624.27	\$1,890.00	\$1,890.00	\$265.73	16.4%
10.1113.614.03.	(Expendable Supplies, Science	\$9,562.87	\$11,559.11	\$9,500.00	\$12,981.00	\$12,981.00	\$3,481.00	36.6%
10.1113.614.04.	(Expendable Supplies, Science	\$3,919.51	\$4,121.84	\$4,000.00	\$4,000.00	\$4,000.00	\$0.00	0.0%
10.1113.615.03.	(Teaching Mat, Science	\$624.25	\$1,100.48	\$3,382.00	\$2,360.00	\$2,360.00	(\$1,022.00)	-30.2%
10.1113.615.04.	(Teaching Mat, Science	\$7,840.94	\$2,890.49	\$5,800.00	\$5,800.00	\$5,800.00	\$0.00	0.0%
10.1113.641.03.	(Textbooks, Science	\$149.46	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1113.641.04.	(Textbooks, Science	\$780.68	\$5,084.87	\$22,373.23	\$3,400.00	\$3,400.00	(\$18,973.23)	-84.8%
10.1113.643.03.	(Online Resources	\$98.00	\$98.00	\$98.00	\$0.00	\$0.00	(\$98.00)	-100.0%
10.1113.649.03.	(Publications	\$0.00	\$79.00	\$87.00	\$100.00	\$100.00	\$13.00	14.9%
10.1113.733.04.	(Addl Equip, Science	\$0.00	\$0.00	\$1,435.00	\$1,075.00	\$1,075.00	(\$360.00)	-25.1%
10.1113.737.03.	(Science Repl. Equipment	\$0.00	\$473.10	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1113.737.04.	(Replacement Equipment	\$2,544.00	\$712.08	\$2,500.00	\$2,300.00	\$2,300.00	(\$200.00)	-8.0%
10.1114.112.04.	(Salaries, Computer Ed.	\$74,802.98	\$118,064.85	\$77,444.65	\$77,444.25	\$77,444.25	(\$0.40)	0.0%
10.1114.614.04.	(Expendables, Computer Ed.	\$852.25	\$660.43	\$800.00	\$850.00	\$850.00	\$50.00	6.3%
10.1114.615.04.	(Teaching Mat, Computer Ed.	\$0.00	\$0.00	\$0.00	\$175.00	\$175.00	\$175.00	0.0%
10.1114.641.04.	(Textbooks, Computer Ed.	\$346.46	\$0.00	\$4,050.00	\$4,050.00	\$4,050.00	\$0.00	0.0%
10.1115.112.03.	(Salaries, Soc Studies	\$270,635.00	\$260,885.50	\$297,117.00	\$297,117.00	\$297,117.00	\$0.00	0.0%
10.1115.112.04.	(Salaries, Soc Studies	\$513,364.00	\$534,268.11	\$518,278.00	\$518,278.00	\$518,278.00	\$0.00	0.0%
10.1115.612.04.	(Workbooks, Soc Studies	\$0.00	\$2,145.20	\$478.76	\$200.00	\$200.00	(\$278.76)	-58.2%
10.1115.614.04.	(Expend Supply Social Studies	\$672.22	\$69.88	\$298.63	\$300.00	\$300.00	\$1.37	0.5%
10.1115.615.03.	(Teaching Mat, Soc Studies	\$1,287.54	\$0.00	\$600.00	\$1,484.00	\$1,484.00	\$884.00	147.3%
10.1115.615.04.	(Teaching Mat, Social Studies	\$0.00	\$0.00	\$0.00	\$700.00	\$700.00	\$700.00	0.0%
10.1115.641.03.	(Textbooks, Soc Studies	\$0.00	\$0.00	\$700.00	\$619.00	\$619.00	(\$81.00)	-11.6%
10.1115.641.04.	(Textbooks, Social Studies	\$5,000.00	\$5,684.78	\$7,888.99	\$5,400.00	\$5,400.00	(\$2,488.99)	-31.6%
10.1115.643.03.	(Online Resources	\$0.00	\$0.00	\$300.00	\$525.00	\$525.00	\$225.00	75.0%
10.1115.643.04.	(Online Resources	\$0.00	\$4,603.40	\$2,368.62	\$3,600.00	\$3,600.00	\$1,231.38	52.0%
10.1115.810.03.	(Dues and Fees	\$0.00	\$100.00	\$420.00	\$800.00	\$800.00	\$380.00	90.5%
10.1116.112.04.	(Salaries, Tech Ed	\$68,173.00	\$69,537.00	\$70,642.00	\$70,642.00	\$70,642.00	\$0.00	0.0%
10.1116.430.04.	(Repair Equip, Tech Ed	\$141.99	\$0.00	\$100.00	\$100.00	\$100.00	\$0.00	0.0%
10.1116.614.04.	(Expendable Supplies, Tech Ed	\$1,941.45	\$1,141.34	\$1,400.00	\$1,305.00	\$1,305.00	(\$95.00)	-6.8%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.1116.616.04.	(PLTW Expense	\$0.00	\$0.00	\$5,000.00	\$0.00	\$0.00	(\$5,000.00)	-100.0%
10.1116.643.04.	(Online Resources	\$3,000.00	\$3,867.45	\$3,000.00	\$5,000.00	\$5,000.00	\$2,000.00	66.7%
10.1116.733.04.	(Addl Equipment, Tech Ed	\$600.00	\$454.63	\$2,250.00	\$2,800.00	\$2,800.00	\$550.00	24.4%
10.1123.112.03.	(Salaries, Reading	\$126,321.00	\$129,960.00	\$134,740.00	\$134,740.00	\$134,740.00	\$0.00	0.0%
10.1123.614.03.	(Expendable Supplies, Reading	\$52.09	\$40.88	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1123.615.03.	(Teaching Mat, Reading	\$0.00	\$0.00	\$1,642.93	\$0.00	\$0.00	(\$1,642.93)	-100.0%
10.1123.641.03.	(Textbooks, Reading	\$0.00	\$0.00	\$0.00	\$270.00	\$270.00	\$270.00	0.0%
10.1123.643.03.	(Online Resources-Reading	\$0.00	\$0.00	\$35.00	\$35.00	\$35.00	\$0.00	0.0%
10.1123.733.03.	(Additional Equipment Reading	\$3,744.33	\$0.00	\$234.57	\$0.00	\$0.00	(\$234.57)	-100.0%
10.1123.810.03.	(Dues and Fees-Spelling Bee	\$0.00	\$0.00	\$152.50	\$188.00	\$188.00	\$35.50	23.3%
10.1169.112.03.	(Salaries, Computer	\$103,029.00	\$105,370.50	\$114,771.52	\$77,626.00	\$77,626.00	(\$37,145.52)	-32.4%
10.1169.614.03.	(Instruction Specific IT Supplies/Repair	\$384.73	\$11.90	\$363.00	\$0.00	\$0.00	(\$363.00)	-100.0%
10.1169.615.03.	(Teaching Mat, Computer	\$0.00	\$0.00	\$0.00	\$2,242.00	\$2,242.00	\$2,242.00	0.0%
10.1200.112.03.	(Salaries, Res Rm/spec Needs	\$385,130.21	\$415,567.38	\$428,527.42	\$428,527.90	\$428,527.90	\$0.48	0.0%
10.1200.112.04.	(Salaries	\$446,918.04	\$389,461.55	\$366,468.10	\$366,468.10	\$366,468.10	\$0.00	0.0%
10.1200.114.03.	(Salaries, Aides	\$238,901.37	\$233,367.08	\$252,914.14	\$273,384.14	\$273,384.14	\$20,470.00	8.1%
10.1200.114.04.	(Salaries, Aides	\$402,673.13	\$410,056.67	\$395,558.63	\$395,558.63	\$395,558.63	\$0.00	0.0%
10.1200.115.03.	(Don't Use	\$20,268.75	\$30,821.61	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1200.115.04.	(Don't Use	\$32,624.45	\$46,052.90	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1200.116.03.	(Contracted Individual Service Aide	\$3,250.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1200.116.04.	(Contracted Individual Service Aide	\$59,760.00	\$0.00	\$32,295.00	\$0.00	\$0.00	(\$32,295.00)	-100.0%
10.1200.117.03.	(Behavior Management	\$4,574.50	\$6,760.00	\$10,000.00	\$0.00	\$0.00	(\$10,000.00)	-100.0%
10.1200.117.04.	(Behavior Management	\$8,787.00	\$30,530.00	\$12,088.83	\$0.00	\$0.00	(\$12,088.83)	-100.0%
10.1200.121.03.	(Special Ed Coordinator	\$0.00	\$0.00	\$28,400.00	\$28,400.00	\$28,400.00	\$0.00	0.0%
10.1200.121.04.	(Special Ed Coordinator	\$0.00	\$0.00	\$74,649.00	\$74,649.00	\$74,649.00	\$0.00	0.0%
10.1200.320.03.	(Life Skills	\$304.28	\$839.12	\$750.00	\$0.00	\$0.00	(\$750.00)	-100.0%
10.1200.330.00.	(Legal Services, Sped	\$9,060.65	\$27,318.28	\$5,460.00	\$6,000.00	\$6,000.00	\$540.00	9.9%
10.1200.330.03.	(Contracted Service	\$37,106.09	\$79,896.62	\$38,504.96	\$61,940.60	\$61,940.60	\$23,435.64	60.9%
10.1200.330.04.	(Contracted Services	\$77,729.32	\$127,342.21	\$223,890.48	\$112,935.17	\$112,935.17	(\$110,955.31)	-49.6%
10.1200.331.03.	(OOD Related Services	\$125,300.57	\$87,259.46	\$130,429.56	\$12,600.00	\$12,600.00	(\$117,829.56)	-90.3%
10.1200.331.04.	(OOD Related Services	\$488,616.71	\$302,914.75	\$309,268.90	\$475,201.44	\$475,201.44	\$165,932.54	53.7%
10.1200.350.00.	(Inservice Program	\$0.00	\$0.00	\$2,481.00	\$0.00	\$0.00	(\$2,481.00)	-100.0%
10.1200.430.04.	(Equip Repair, Special Needs	\$100.00	\$227.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1200.534.03.	(Postage Fees	\$1,280.56	\$500.38	\$500.50	\$550.00	\$550.00	\$49.50	9.9%
10.1200.534.04.	(Postage	\$926.78	\$12.90	\$800.00	\$800.00	\$800.00	\$0.00	0.0%
10.1200.560.03.	(Tuition	\$190,967.57	\$390,710.50	\$344,511.14	\$118,951.77	\$118,951.77	(\$225,559.37)	-65.5%
10.1200.560.04.	(Tuition	\$438,569.04	\$633,612.83	\$746,888.59	\$887,466.33	\$887,466.33	\$140,577.74	18.8%
10.1200.580.00.	(Travel	\$0.00	\$0.00	\$0.00	\$1,100.00	\$1,100.00	\$1,100.00	0.0%
10.1200.580.03.	(Travel	\$142.13	\$165.95	\$300.00	\$500.00	\$500.00	\$200.00	66.7%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.1200.580.04.	(Travel	\$147.12	\$0.00	\$273.00	\$0.00	\$0.00	(\$273.00)	-100.0%
10.1200.580.04.	(Travel	\$0.00	\$0.00	\$0.00	\$600.00	\$600.00	\$600.00	0.0%
10.1200.610.04.	(Teaching Materials-Reading Specialist	\$370.63	\$717.38	\$1,650.00	\$1,800.00	\$1,800.00	\$150.00	9.1%
10.1200.611.03.	(Don't Use	\$300.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1200.612.04.	(Workbooks, Special Needs	\$0.00	\$0.00	\$455.00	\$500.00	\$500.00	\$45.00	9.9%
10.1200.613.03.	(Life Skills Prg Supplies	\$884.66	\$0.00	\$452.98	\$1,300.00	\$1,300.00	\$847.02	187.0%
10.1200.613.04.	(Life Skills Prg Supplies	\$4,758.59	\$1,833.21	\$6,000.00	\$7,000.00	\$7,000.00	\$1,000.00	16.7%
10.1200.614.03.	(Expendable Supplies, S/n	\$284.96	\$525.57	\$1,501.43	\$2,700.00	\$2,700.00	\$1,198.57	79.8%
10.1200.614.04.	(Expendable Supplies, S/n	\$0.00	\$0.00	\$0.00	\$1,875.00	\$1,875.00	\$1,875.00	0.0%
10.1200.615.03.	(Teaching Mat, Res Rm	\$0.00	\$0.00	\$0.00	\$300.00	\$300.00	\$300.00	0.0%
10.1200.615.04.	(Teaching Mat, Special Needs	\$0.00	\$0.00	\$0.00	\$400.00	\$400.00	\$400.00	0.0%
10.1200.616.04.	(Expendables, Res. Rm	\$697.47	\$0.00	\$1,365.00	\$675.00	\$675.00	(\$690.00)	-50.5%
10.1200.617.04.	(Teaching Mats Res. Rm.	\$430.19	\$0.00	\$5,992.10	\$0.00	\$0.00	(\$5,992.10)	-100.0%
10.1200.618.04.	(Teaching Materials-GATES	\$0.00	\$3,500.00	\$400.00	\$750.00	\$750.00	\$350.00	87.5%
10.1200.619.04.	(Expendable Supplies-GATES	\$0.00	\$270.51	\$1,525.00	\$1,700.00	\$1,700.00	\$175.00	11.5%
10.1200.641.04.	(Textbooks, Special Needs	\$872.14	\$1,221.70	\$3,355.70	\$500.00	\$500.00	(\$2,855.70)	-85.1%
10.1200.650.03.	(Instruction Specific Software/Subscrip	\$249.00	\$0.00	\$28,274.20	\$11,150.00	\$11,150.00	(\$17,124.20)	-60.6%
10.1200.650.04.	(Instruction Specific Software/Subscrip	\$4,874.00	\$4,500.00	\$4,480.00	\$21,600.00	\$21,600.00	\$17,120.00	382.1%
10.1200.732.03.	(Equipment/Maintenance Plans	\$0.00	\$107.25	\$1,000.00	\$475.00	\$475.00	(\$525.00)	-52.5%
10.1200.732.04.	(Equipment/Maintenance Plans	\$7,594.45	\$2,122.86	\$7,000.00	\$275.00	\$275.00	(\$6,725.00)	-96.1%
10.1200.733.03.	(Addl Equip	\$0.00	\$3,982.76	\$375.00	\$0.00	\$0.00	(\$375.00)	-100.0%
10.1200.733.04.	(Addl Equipment	\$599.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1200.734.03.	(Instruction Specific New Hardware	\$0.00	\$0.00	\$6,726.23	\$0.00	\$0.00	(\$6,726.23)	-100.0%
10.1200.734.04.	(Instruction Specific New Hardware	\$645.52	\$0.00	\$445.68	\$0.00	\$0.00	(\$445.68)	-100.0%
10.1200.810.03.	(Dues and Fees	\$0.00	\$0.00	\$812.50	\$820.00	\$820.00	\$7.50	0.9%
10.1200.810.04.	(Dues	\$0.00	\$250.00	\$650.00	\$882.50	\$882.50	\$232.50	35.8%
10.1201.115.03.	(ESY - Wages	\$0.00	\$0.00	\$18,000.00	\$18,000.00	\$18,000.00	\$0.00	0.0%
10.1201.115.04.	(ESY - Wages	\$0.00	\$1,944.90	\$30,000.00	\$30,000.00	\$30,000.00	\$0.00	0.0%
10.1201.330.03.	(ESY - Contracted Services	\$0.00	\$0.00	\$13,442.00	\$20,861.00	\$20,861.00	\$7,419.00	55.2%
10.1201.330.04.	(ESY - Contracted Services	\$0.00	\$0.00	\$41,445.93	\$27,085.63	\$27,085.63	(\$14,360.30)	-34.6%
10.1201.614.03.	(ESY - Supplies	\$0.00	\$0.00	\$0.00	\$500.00	\$500.00	\$500.00	0.0%
10.1201.614.04.	(ESY - Supplies	\$0.00	\$0.00	\$0.00	\$200.00	\$200.00	\$200.00	0.0%
10.1208.110.00.	(Fiemus Trainimg	\$0.00	\$3,572.66	\$3,260.00	\$4,000.00	\$4,000.00	\$740.00	22.7%
10.1225.734.03.	(Spec Ed Add'l Computer Equipment	\$0.00	\$0.00	\$931.96	\$0.00	\$0.00	(\$931.96)	-100.0%
10.1225.734.04.	(Spec Ed Add'l Computer Equipment	\$0.00	\$0.00	\$354.32	\$0.00	\$0.00	(\$354.32)	-100.0%
10.1250.111.04.	(504 Coordinator	\$30,974.44	\$32,236.40	\$34,617.10	\$34,617.10	\$34,617.10	\$0.00	0.0%
10.1250.114.04.	(504 Paraeducator	\$26,542.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1250.614.03.	(504 Supplies	\$0.00	\$1,842.81	\$500.00	\$3,800.00	\$3,800.00	\$3,300.00	660.0%
10.1250.614.04.	(Expendable Supplies - 504 Program	\$599.38	\$406.67	\$4,396.00	\$896.00	\$896.00	(\$3,500.00)	-79.6%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.1260.110.00.	(Salaries, Esl/lep	\$18,946.05	\$18,762.00	\$18,898.40	\$18,898.40	\$18,898.40	\$0.00	0.0%
10.1260.321.00.	(Contract Services, Tutors Lep	\$0.00	\$0.00	\$9,500.00	\$18,000.00	\$18,000.00	\$8,500.00	89.5%
10.1260.580.00.	(Travel, Esl	\$0.00	\$0.00	\$580.00	\$580.00	\$580.00	\$0.00	0.0%
10.1300.110.04.	(School To Careers Coordinator	\$27,356.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1300.510.04.	(Voc Education Transportation	\$118,636.35	\$85,788.43	\$118,000.00	\$118,000.00	\$118,000.00	\$0.00	0.0%
10.1300.561.04.	(Voc Ed Tuition	\$22,298.20	\$40,039.72	\$45,000.00	\$45,000.00	\$45,000.00	\$0.00	0.0%
10.1300.580.04.	(Travel	\$87.25	\$0.00	\$350.00	\$350.00	\$350.00	\$0.00	0.0%
10.1300.614.04.	(Expendables, School To Work	\$56.12	\$0.00	\$350.00	\$350.00	\$350.00	\$0.00	0.0%
10.1300.810.04.	(Dues, School To Work	\$0.00	\$0.00	\$190.00	\$190.00	\$190.00	\$0.00	0.0%
10.1400.110.04.	(Salaries, Coaches-CBA	\$154,292.39	\$122,000.00	\$165,350.00	\$165,350.00	\$165,350.00	\$0.00	0.0%
10.1400.112.03.	(Salaries, Advisors-CBA Stipends	\$59,915.00	\$59,550.00	\$62,525.00	\$63,725.00	\$63,725.00	\$1,200.00	1.9%
10.1400.112.04.	(Salaries, Advisors-CBA Stipends	\$48,500.00	\$51,450.00	\$33,700.00	\$42,400.00	\$42,400.00	\$8,700.00	25.8%
10.1400.113.04.	(Salaries, Athletic Administration	\$120,586.14	\$121,171.00	\$136,044.00	\$130,194.00	\$130,194.00	(\$5,850.00)	-4.3%
10.1400.242.04.	(Athletic Professional Development	\$0.00	\$0.00	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	0.0%
10.1400.320.03.	(Officials	\$7,696.00	\$6,363.00	\$8,000.00	\$8,893.00	\$8,893.00	\$893.00	11.2%
10.1400.320.04.	(Officials	\$43,318.36	\$42,483.58	\$48,000.00	\$45,500.00	\$45,500.00	(\$2,500.00)	-5.2%
10.1400.390.03.	(Class Trip Advisors	\$2,400.00	\$2,550.00	\$4,000.00	\$4,200.00	\$4,200.00	\$200.00	5.0%
10.1400.424.04.	(Field Maintenance	\$859.20	\$0.00	\$21,000.00	\$25,000.00	\$25,000.00	\$4,000.00	19.0%
10.1400.430.04.	(Equipment Repair	\$0.00	\$0.00	\$5,000.00	\$6,000.00	\$6,000.00	\$1,000.00	20.0%
10.1400.441.04.	(Hockey Ice Time	\$0.00	\$0.00	\$7,500.00	\$5,000.00	\$5,000.00	(\$2,500.00)	-33.3%
10.1400.510.03.	(Transportation	\$7,846.63	\$9,104.00	\$9,259.02	\$9,500.00	\$9,500.00	\$240.98	2.6%
10.1400.510.04.	(Transportation	\$59,375.41	\$44,380.43	\$70,062.98	\$61,000.00	\$61,000.00	(\$9,062.98)	-12.9%
10.1400.531.04.	(Communications	\$861.58	\$1,006.23	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.1400.580.04.	(Travel	\$1,668.04	\$3,457.93	\$1,500.00	\$2,000.00	\$2,000.00	\$500.00	33.3%
10.1400.614.03.	(Expendables - Supplies	\$0.00	\$0.00	\$0.00	\$500.00	\$500.00	\$500.00	0.0%
10.1400.614.04.	(Training Supplies	\$0.00	\$5,744.29	\$5,000.00	\$5,000.00	\$4,800.00	(\$200.00)	-4.0%
10.1400.615.03.	(Teaching Materials	\$2,712.80	\$4,841.93	\$5,190.00	\$5,900.00	\$5,688.30	\$498.30	9.6%
10.1400.615.04.	(DO NOT USE	\$4,936.57	\$640.00	\$2,500.00	\$0.00	\$0.00	(\$2,500.00)	-100.0%
10.1400.616.03.	(Awards	\$0.00	\$0.00	\$800.00	\$2,325.00	\$2,325.00	\$1,525.00	190.6%
10.1400.616.04.	(Awards	(\$85.54)	\$1,083.16	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00	0.0%
10.1400.618.04.	(Uniforms	\$12,404.48	\$6,011.94	\$10,000.00	\$15,000.00	\$15,000.00	\$5,000.00	50.0%
10.1400.619.03.	(Repl Uniforms	\$0.00	\$0.00	\$3,000.00	\$3,300.00	\$3,300.00	\$300.00	10.0%
10.1400.730.04.	(Addl Equipment	\$5,244.70	\$5,703.67	\$8,500.00	\$10,500.00	\$10,500.00	\$2,000.00	23.5%
10.1400.731.04.	(FY17 Storage Container	\$0.00	\$0.00	\$5,400.00	\$0.00	\$0.00	(\$5,400.00)	-100.0%
10.1400.739.03.	(Repl. Equipment	\$0.00	\$0.00	\$0.00	\$662.00	\$662.00	\$662.00	0.0%
10.1400.739.04.	(Replacement Equipment	\$1,649.70	\$7,365.96	\$3,500.00	\$8,000.00	\$8,000.00	\$4,500.00	128.6%
10.1400.800.04.	(Academic Competition	\$5,228.00	\$0.00	\$5,985.00	\$5,985.00	\$5,985.00	\$0.00	0.0%
10.1400.810.03.	(Dues and Fees	\$0.00	\$924.48	\$1,830.00	\$2,330.00	\$2,330.00	\$500.00	27.3%
10.1400.810.04.	(Dues	\$20,021.44	\$16,355.52	\$16,000.00	\$18,000.00	\$18,000.00	\$2,000.00	12.5%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.1490.290.04.	(Performing Arts Stipend	\$18,150.00	\$16,010.52	\$18,150.00	\$18,150.00	\$18,150.00	\$0.00	0.0%
10.1490.641.04.	(Textbooks, Performing Arts	\$0.00	\$0.00	\$450.00	\$450.00	\$450.00	\$0.00	0.0%
10.1490.730.04.	(Addl Equipment	\$0.00	\$0.00	\$180.00	\$180.00	\$180.00	\$0.00	0.0%
10.1490.739.04.	(Replacement Equipment	\$2,000.00	\$0.00	\$0.00	\$800.00	\$800.00	\$800.00	0.0%
10.2120.100.00.	(Student Assist Coordinator	\$38,865.00	\$40,529.25	\$43,218.00	\$43,218.00	\$43,218.00	\$0.00	0.0%
10.2120.112.03.	(Salaries, Counselors	\$133,814.71	\$136,537.20	\$146,774.48	\$146,774.48	\$146,774.48	\$0.00	0.0%
10.2120.112.04.	(Salaries, Counselors	\$293,758.66	\$272,430.63	\$279,594.55	\$279,594.55	\$279,594.55	\$0.00	0.0%
10.2120.115.04.	(Salaries, Secretaries	\$71,283.80	\$73,233.99	\$31,851.60	\$31,851.60	\$31,851.60	\$0.00	0.0%
10.2120.116.00.	(Database Services	\$0.00	\$0.00	\$56,000.00	\$56,000.00	\$56,000.00	\$0.00	0.0%
10.2120.320.03.	(Instruct Srvcs	\$441.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2120.320.04.	(Abuse Prevention Education	\$0.00	\$0.00	\$500.00	\$500.00	\$500.00	\$0.00	0.0%
10.2120.600.04.	(Hospitality Guidance	\$0.00	\$80.31	\$300.00	\$350.00	\$350.00	\$50.00	16.7%
10.2120.613.04.	(Testing	\$3,480.75	\$4,305.00	\$5,375.00	\$5,850.00	\$5,850.00	\$475.00	8.8%
10.2120.614.04.	(Expendable Supplies, Guidance	\$1,009.37	\$676.12	\$600.00	\$900.00	\$900.00	\$300.00	50.0%
10.2120.615.03.	(Teaching Mat, Guidance	\$0.00	\$722.65	\$697.00	\$846.00	\$846.00	\$149.00	21.4%
10.2120.641.04.	(Textbooks, Guidance	\$0.00	\$285.17	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2120.810.04.	(Dues, Guidance	\$1,030.00	\$1,251.00	\$1,260.00	\$960.00	\$960.00	(\$300.00)	-23.8%
10.2134.112.03.	(Salaries, Nurse	\$67,355.73	\$70,696.00	\$72,530.82	\$72,530.82	\$72,530.82	\$0.00	0.0%
10.2134.112.04.	(Salaries, Nurse	\$85,579.83	\$94,273.15	\$71,556.38	\$71,556.38	\$71,556.38	\$0.00	0.0%
10.2134.430.04.	(Repair Equipment	\$0.00	\$413.39	\$100.00	\$100.00	\$100.00	\$0.00	0.0%
10.2134.614.03.	(Expendable Supplies, Nurse	\$1,211.94	\$1,456.05	\$1,502.00	\$1,527.00	\$1,527.00	\$25.00	1.7%
10.2134.614.04.	(Expendable Supplies, Nurse	\$1,992.37	\$1,434.50	\$2,050.00	\$2,500.00	\$2,500.00	\$450.00	22.0%
10.2134.730.04.	(Addl Equip	\$0.00	\$0.00	\$0.00	\$500.00	\$500.00	\$500.00	0.0%
10.2134.739.03.	(Repl Equipment, Nurse	\$1,328.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2142.111.03.	(Salaries, Psycho-Ed	\$30,688.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2142.111.04.	(Salaries, Psycho-Ed	\$46,032.60	\$78,775.65	\$79,430.00	\$79,430.00	\$79,430.00	\$0.00	0.0%
10.2142.351.03.	(Psycho-Ed Evals	\$4,519.25	\$9,034.42	\$3,000.00	\$6,000.00	\$6,000.00	\$3,000.00	100.0%
10.2142.351.04.	(Psycho-Ed Evals	\$12,942.35	\$6,718.84	\$6,500.00	\$7,125.00	\$7,125.00	\$625.00	9.6%
10.2143.330.03.	(Counseling	\$495.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2143.615.03.	(Testing Matl, Psycho-Ed	\$1,482.52	\$0.00	\$8,036.97	\$2,200.00	\$2,200.00	(\$5,836.97)	-72.6%
10.2143.615.04.	(Testing Matl, Psycho-Ed	\$1,482.52	\$959.76	\$3,000.00	\$2,400.00	\$2,400.00	(\$600.00)	-20.0%
10.2144.111.03.	(Salaries, Psycho Therapy	\$55,011.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2144.111.04.	(Salaries, Psycho Therapy	\$149,496.00	\$153,834.98	\$159,325.13	\$159,325.13	\$159,325.13	\$0.00	0.0%
10.2144.330.03.	(Psycho Therapy Contracted Srvc	\$0.00	\$0.00	\$52,500.00	\$55,125.00	\$55,125.00	\$2,625.00	5.0%
10.2144.330.04.	(Psycho Therapy Contracted Srvc	\$5,060.00	\$10,490.00	\$0.00	\$945.00	\$945.00	\$945.00	0.0%
10.2144.614.04.	(Teach Mats/psychothep	\$275.00	\$0.00	\$150.15	\$100.00	\$100.00	(\$50.15)	-33.4%
10.2144.615.04.	(Psychotherapist Materials	\$0.00	\$0.00	\$250.00	\$75.00	\$75.00	(\$175.00)	-70.0%
10.2152.111.03.	(Sal Speech Path	\$38,704.41	\$20,460.36	\$5,558.50	\$5,558.50	\$5,558.50	\$0.00	0.0%
10.2152.111.04.	(Salaries Speech\path	\$52,231.68	\$4,511.78	\$16,675.50	\$16,675.50	\$16,675.50	\$0.00	0.0%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.2152.330.03.	( Speech	\$2,454.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2152.330.04.	( Speech	\$900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2152.390.03.	( Contracted Speech Serv	\$8,522.58	\$44,465.79	\$76,218.30	\$82,153.48	\$82,153.48	\$5,935.18	7.8%
10.2152.390.04.	( Contracted S/I Services	\$0.00	\$124,665.63	\$130,237.23	\$79,273.29	\$79,273.29	(\$50,963.94)	-39.1%
10.2152.614.03.	( Testing Mat, Speech	\$129.95	\$0.00	\$320.00	\$699.00	\$699.00	\$379.00	118.4%
10.2152.614.04.	( Testing Matl, Speech	\$0.00	\$0.00	\$800.00	\$199.00	\$199.00	(\$601.00)	-75.1%
10.2152.615.03.	( Teaching Mat, Speech	\$0.00	\$0.00	\$320.00	\$150.00	\$150.00	(\$170.00)	-53.1%
10.2152.615.04.	( Teaching Mats Sp/lang	\$0.00	\$0.00	\$100.00	\$100.00	\$100.00	\$0.00	0.0%
10.2159.330.03.	( Vision Services/Consultation	\$2,679.65	\$2,190.00	\$6,523.91	\$5,006.25	\$5,006.25	(\$1,517.66)	-23.3%
10.2159.330.04.	( Vision/Hearing Consulting	\$500.00	\$1,337.23	\$3,000.00	\$3,764.69	\$3,764.69	\$764.69	25.5%
10.2162.330.03.	( Physical Therapy	\$0.00	\$0.00	\$0.00	\$7,500.00	\$7,500.00	\$7,500.00	0.0%
10.2162.330.04.	( Physical Therapy	\$11,964.00	\$8,256.00	\$8,542.82	\$7,804.00	\$7,804.00	(\$738.82)	-8.6%
10.2163.111.00.	( Salary, OT	\$0.00	\$0.00	\$32,367.00	\$32,367.00	\$32,367.00	\$0.00	0.0%
10.2163.111.03.	( Salaries, Occupational Therapy	\$12,323.00	\$12,464.80	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2163.111.04.	( Salaries, Occupational Therapy	\$12,592.71	\$12,631.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2163.613.03.	( Testing Materials-Occupational Thera	\$0.00	\$0.00	\$300.30	\$289.00	\$289.00	(\$11.30)	-3.8%
10.2163.613.04.	( Testing Materials-Occupational Thera	\$0.00	\$0.00	\$81.90	\$150.00	\$150.00	\$68.10	83.2%
10.2163.615.03.	( Teaching Materials-Occupational Ther	\$0.00	\$1,293.21	\$0.00	\$600.00	\$600.00	\$600.00	0.0%
10.2163.615.04.	( Occupational Therapy-Teaching Mat.	\$0.00	\$0.00	\$535.00	\$250.00	\$250.00	(\$285.00)	-53.3%
10.2180.301.00.	( Medicaid Billing	\$14,285.92	\$17,630.52	\$18,000.00	\$18,000.00	\$18,000.00	\$0.00	0.0%
10.2190.323.00.	( School Resource Officer	\$62,676.17	\$64,774.27	\$65,208.28	\$67,164.53	\$67,164.53	\$1,956.25	3.0%
10.2192.111.00.	( Salary, BCBA	\$0.00	\$0.00	\$22,050.00	\$22,050.00	\$22,050.00	\$0.00	0.0%
10.2210.112.04.	( Salaries, Curr Coord	\$29,454.88	\$24,235.53	\$21,336.00	\$23,336.00	\$23,336.00	\$2,000.00	9.4%
10.2210.114.00.	( Professional Development Stipend-CB	\$63,000.00	\$51,000.00	\$63,000.00	\$90,000.00	\$90,000.00	\$27,000.00	42.9%
10.2210.115.00.	( New Hire Orientation Comm. Stipend	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$0.00	0.0%
10.2210.116.00.	( CPR/First Aid Training	\$0.00	(\$156.00)	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2210.240.03.	( Staff Reimburse-Ms Hessa	\$2,097.98	\$2,413.13	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00	0.0%
10.2210.240.04.	( Staff Reimburse-High Hessa	\$1,336.14	\$884.41	\$3,000.00	\$2,500.00	\$2,500.00	(\$500.00)	-16.7%
10.2210.241.03.	( Staff Reimburse-Ms Teachers	\$31,546.57	\$27,395.28	\$40,000.00	\$55,000.00	\$55,000.00	\$15,000.00	37.5%
10.2210.241.04.	( Staff Reimburse-High Teachers	\$59,425.72	\$44,469.78	\$70,000.00	\$88,000.00	\$88,000.00	\$18,000.00	25.7%
10.2210.242.00.	( Special Ed Training	\$6,415.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2210.242.03.	( Staff Development	\$2,518.71	\$942.20	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	0.0%
10.2210.242.04.	( Staff Development	\$4,103.06	\$4,914.25	\$4,200.00	\$4,200.00	\$4,200.00	\$0.00	0.0%
10.2210.243.04.	( Prof Development-Database Services	\$0.00	\$0.00	\$5,000.00	\$5,000.00	\$5,000.00	\$0.00	0.0%
10.2210.244.03.	( Staff Reimburse-AHP	\$0.00	\$0.00	\$250.00	\$250.00	\$250.00	\$0.00	0.0%
10.2210.244.04.	( Staff Reimburse-AHP	\$1,047.76	\$968.52	\$800.00	\$800.00	\$800.00	\$0.00	0.0%
10.2210.245.00.	( SAU Wide PD Activities	\$5,836.24	\$2,786.10	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	0.0%
10.2210.245.03.	( Prof Develop-Admin/Non-Union	\$2,716.60	\$1,071.34	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.0%
10.2210.245.04.	( Prof Develop-Admin/Non-Union	\$11,475.15	\$6,854.25	\$8,000.00	\$8,000.00	\$8,000.00	\$0.00	0.0%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.2210.246.00.	( Professional Development-IT	\$0.00	\$0.00	\$500.00	\$500.00	\$500.00	\$0.00	0.0%
10.2210.290.04.	( Stipends For Teacher Duties	\$2,839.96	\$2,591.95	\$2,800.00	\$2,800.00	\$2,800.00	\$0.00	0.0%
10.2210.330.04.	( Neasc Eval Expense	\$3,640.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2210.612.00.	( New Hire Orientation	\$0.00	\$421.97	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	0.0%
10.2210.641.03.	( Professional Books	\$349.86	\$259.44	\$275.00	\$295.00	\$295.00	\$20.00	7.3%
10.2210.641.04.	( Professional Books	\$0.00	\$0.00	\$275.00	\$275.00	\$275.00	\$0.00	0.0%
10.2222.112.03.	( Salaries, Library	\$45,791.00	\$46,271.72	\$51,006.00	\$51,006.00	\$51,006.00	\$0.00	0.0%
10.2222.112.04.	( Salaries, Library	\$65,773.00	\$68,855.00	\$70,642.00	\$70,642.00	\$70,642.00	\$0.00	0.0%
10.2222.113.04.	( Salaries, Aides	\$19,007.34	\$19,014.30	\$19,455.53	\$19,455.53	\$19,455.53	\$0.00	0.0%
10.2222.329.04.	( Professional Education Services	\$0.00	\$50.00	\$100.00	\$100.00	\$100.00	\$0.00	0.0%
10.2222.430.03.	( Repair	\$0.00	\$0.00	\$100.00	\$150.00	\$150.00	\$50.00	50.0%
10.2222.430.04.	( Repair	\$599.00	\$79.61	\$359.00	\$800.00	\$800.00	\$441.00	122.8%
10.2222.436.04.	( Library Reconfiguration	\$0.00	\$17,976.64	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2222.531.04.	( Telecommunications	\$0.00	\$185.15	\$0.00	\$225.00	\$225.00	\$225.00	0.0%
10.2222.614.03.	( Expendable Supplies	\$376.50	\$722.08	\$550.00	\$660.00	\$660.00	\$110.00	20.0%
10.2222.614.04.	( Expendable Supplies	\$1,388.20	\$1,600.71	\$772.76	\$1,000.00	\$1,000.00	\$227.24	29.4%
10.2222.615.04.	( Teaching Mat, Lib(instr Med)	\$248.94	\$0.00	\$132.14	\$248.00	\$248.00	\$115.86	87.7%
10.2222.641.03.	( Books	\$4,309.06	\$3,465.75	\$4,006.21	\$4,042.00	\$4,042.00	\$35.79	0.9%
10.2222.641.04.	( Library Books	\$8,686.75	\$11,036.47	\$8,073.24	\$11,500.00	\$8,073.24	\$0.00	0.0%
10.2222.642.03.	( Instruct Media Software	\$2,251.30	\$2,292.33	\$1,803.85	\$3,200.00	\$3,200.00	\$1,396.15	77.4%
10.2222.643.04.	( Online Resources	\$1,591.00	\$1,806.24	\$2,096.00	\$2,100.00	\$2,100.00	\$4.00	0.2%
10.2222.649.03.	( Publications	\$1,152.08	\$807.32	\$1,112.32	\$1,252.00	\$1,252.00	\$139.68	12.6%
10.2222.649.04.	( Publications	\$11,931.66	\$9,792.44	\$11,500.00	\$12,425.00	\$12,425.00	\$925.00	8.0%
10.2222.733.03.	( Addl Equipment	\$898.36	\$671.99	\$511.12	\$182.00	\$182.00	(\$329.12)	-64.4%
10.2222.733.04.	( Addl Equipment	\$326.94	\$0.00	\$1,403.86	\$62.00	\$62.00	(\$1,341.86)	-95.6%
10.2222.737.03.	( Replacement Equipment	\$213.12	\$0.00	\$246.50	\$270.00	\$270.00	\$23.50	9.5%
10.2222.737.04.	( Replacement Equip.	\$0.00	\$1,410.58	\$309.00	\$320.00	\$320.00	\$11.00	3.6%
10.2222.738.04.	( Replacement Equipment, Electronic	\$0.00	\$0.00	\$364.00	\$364.00	\$364.00	\$0.00	0.0%
10.2222.810.04.	( Dues	\$178.00	\$0.00	\$105.00	\$255.00	\$255.00	\$150.00	142.9%
10.2223.111.04.	( Salary Av Tech	\$16,078.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2225.112.03.	( Salaries, Info Tech Svcs	\$0.00	\$0.00	\$29,614.00	\$37,145.00	\$37,145.00	\$7,531.00	25.4%
10.2225.112.04.	( Salaries, Info Tech Svcs	\$28,050.00	\$28,891.50	\$29,614.00	\$59,228.00	\$59,228.00	\$29,614.00	100.0%
10.2225.434.03.	( Computer Repairs	\$621.00	\$529.68	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.0%
10.2225.434.04.	( Computer Repairs	\$1,717.02	\$545.75	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.0%
10.2225.614.03.	( Technogy Supplies	\$29.95	\$1,695.40	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00	0.0%
10.2225.614.04.	( Technology Supplies	\$1,471.31	\$503.36	\$3,700.00	\$3,700.00	\$3,700.00	\$0.00	0.0%
10.2225.734.03.	( Additional Computer Equipment	\$1,539.10	\$4,848.40	\$11,356.74	\$17,350.00	\$14,800.00	\$3,443.26	30.3%
10.2225.734.04.	( Additional Computer Equipment	\$4,558.02	\$300.99	\$196.13	\$31,550.00	\$30,775.00	\$30,578.87	15591.1%
10.2225.738.03.	( Replacement Computer Equipment	\$40,769.80	\$9,634.48	\$3,989.38	\$6,467.00	\$4,217.00	\$227.62	5.7%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.2225.738.04.	(Replacement Computer Equipment	\$29,779.63	\$18,000.17	\$12,375.00	\$27,204.00	\$24,954.00	\$12,579.00	101.6%
10.2310.301.00.	(School Board Stipends	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$3,300.00	\$0.00	0.0%
10.2310.320.00.	(School Board Training	\$45.00	\$255.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2310.330.00.	(Consulting	\$0.00	\$1,906.65	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2310.540.00.	(Advertising	\$3,701.65	\$380.41	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.0%
10.2310.614.00.	(School Board Expenses	\$5,632.12	\$5,851.12	\$6,000.00	\$6,000.00	\$6,000.00	\$0.00	0.0%
10.2310.840.00.	(Contingency	\$0.00	\$0.00	\$100,000.00	\$100,000.00	\$100,000.00	\$0.00	0.0%
10.2311.301.00.	(Public Hear/district Mtg Exp	\$7,054.26	\$5,453.06	\$6,000.00	\$6,000.00	\$6,000.00	\$0.00	0.0%
10.2312.301.00.	(Sal Sch Bd Sec	\$2,621.30	\$2,509.02	\$2,500.00	\$2,500.00	\$2,500.00	\$0.00	0.0%
10.2313.301.00.	(Treasurer Stipend	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	0.0%
10.2317.301.00.	(Audit	\$14,500.00	\$12,750.00	\$15,000.00	\$15,000.00	\$15,000.00	\$0.00	0.0%
10.2318.301.00.	(Legal Services	\$23,659.27	\$26,725.63	\$19,000.00	\$21,000.00	\$21,000.00	\$2,000.00	10.5%
10.2320.310.00.	(Sau Assessment	\$694,529.00	\$723,438.96	\$747,371.00	\$759,531.00	\$759,531.00	\$12,160.00	1.6%
10.2400.110.03.	(Salaries, Administrators	\$189,099.00	\$199,641.81	\$197,703.00	\$197,703.00	\$197,703.00	\$0.00	0.0%
10.2400.110.04.	(Salaries, Administrators	\$290,596.41	\$305,218.76	\$289,660.00	\$289,658.92	\$289,658.92	(\$1.08)	0.0%
10.2400.113.00.	(Non-union & Admin. merit increases	\$0.00	\$0.00	\$0.00	\$49,546.66	\$34,639.00	\$34,639.00	0.0%
10.2400.115.03.	(Salaries, Secretaries	\$90,668.84	\$91,573.77	\$93,737.08	\$93,737.08	\$93,737.08	\$0.00	0.0%
10.2400.115.04.	(Salaries, Secretaries	\$96,794.09	\$106,986.26	\$104,573.95	\$104,573.95	\$104,573.95	\$0.00	0.0%
10.2400.125.00.	(Temporary IT Employees	\$1,052.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2400.300.00.	(Prof Services-Strategic Planning	\$11,000.00	\$13,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$0.00	0.0%
10.2400.340.03.	(Print Management	\$0.00	\$0.00	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	0.0%
10.2400.340.04.	(Print Management	\$0.00	\$0.00	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	0.0%
10.2400.442.03.	(Copier Service/Lease	\$9,093.90	\$0.00	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	0.0%
10.2400.442.04.	(Copier Service/Lease	\$9,272.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2400.490.03.	(Service Agreements	\$2,727.80	\$13,865.68	\$6,108.00	\$6,108.00	\$6,108.00	\$0.00	0.0%
10.2400.490.04.	(Service Agreements	\$23,452.19	\$21,362.97	\$19,155.00	\$19,155.00	\$19,155.00	\$0.00	0.0%
10.2400.531.03.	(Telephone	\$16,899.13	\$12,809.58	\$13,200.00	\$13,200.00	\$13,200.00	\$0.00	0.0%
10.2400.531.04.	(Telephone	\$17,624.25	\$11,489.79	\$14,200.00	\$14,200.00	\$14,200.00	\$0.00	0.0%
10.2400.532.00.	(Network Services	\$15,319.47	\$23,199.50	\$20,000.00	\$20,000.00	\$20,000.00	\$0.00	0.0%
10.2400.534.03.	(Postage	\$599.88	\$605.08	\$600.00	\$850.00	\$850.00	\$250.00	41.7%
10.2400.534.04.	(Postage	\$5,119.20	\$4,560.57	\$5,500.00	\$5,350.00	\$5,350.00	(\$150.00)	-2.7%
10.2400.550.03.	(Printing	\$442.35	\$168.26	\$550.00	\$250.00	\$250.00	(\$300.00)	-54.5%
10.2400.550.04.	(Printing	\$3,569.19	\$2,008.63	\$3,800.00	\$3,500.00	\$3,500.00	(\$300.00)	-7.9%
10.2400.580.03.	(Travel	\$1,312.85	\$0.00	\$500.00	\$500.00	\$500.00	\$0.00	0.0%
10.2400.580.04.	(Travel	\$0.00	\$0.00	\$1,000.00	\$500.00	\$500.00	(\$500.00)	-50.0%
10.2400.581.03.	(Travel-Staff Mileage	\$93.74	\$219.72	\$400.00	\$400.00	\$400.00	\$0.00	0.0%
10.2400.581.04.	(Travel-Staff Mileage	\$142.52	\$0.00	\$200.00	\$200.00	\$200.00	\$0.00	0.0%
10.2400.600.03.	(Hospitality	\$905.08	\$870.58	\$500.00	\$1,000.00	\$1,000.00	\$500.00	100.0%
10.2400.600.04.	(Hospitality	\$1,118.11	\$1,313.50	\$1,800.00	\$1,500.00	\$1,500.00	(\$300.00)	-16.7%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.2400.614.03.	(Expendable Supplies	\$457.83	\$237.55	\$500.00	\$500.00	\$500.00	\$0.00	0.0%
10.2400.650.00.	(Support Contracts/Hosting Services	\$57,824.21	\$68,181.57	\$78,000.00	\$79,000.00	\$79,000.00	\$1,000.00	1.3%
10.2400.650.04.	(Computer Software-Non-Instructional	\$0.00	\$10,370.93	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2400.653.00.	(Consulting Services	\$1,093.70	\$4,364.63	\$5,500.00	\$5,500.00	\$5,000.00	(\$500.00)	-9.1%
10.2400.658.00.	(Site Licensing	\$7,067.04	\$7,067.03	\$7,067.04	\$8,500.00	\$7,067.04	\$0.00	0.0%
10.2400.801.04.	(Graduation Expenses	\$8,544.49	\$9,116.55	\$9,130.00	\$12,500.00	\$9,130.00	\$0.00	0.0%
10.2400.810.03.	(Dues	\$1,767.99	\$1,802.99	\$1,210.00	\$1,850.00	\$1,850.00	\$640.00	52.9%
10.2400.810.04.	(Dues	\$11,801.32	\$6,120.00	\$4,840.00	\$4,840.00	\$4,840.00	\$0.00	0.0%
10.2400.899.03.	(HBMS-FY13 Proposed Budget Change:	\$0.00	\$0.00	\$0.00	\$49,278.00	(\$1,168.00)	(\$1,168.00)	0.0%
10.2400.899.04.	(HBHS-FY13 Proposed Budget Changes	\$0.00	\$0.00	\$0.00	\$221,200.00	\$152,970.00	\$152,970.00	0.0%
10.2515.892.00.	(Food Service Bad Debt Expense	\$0.00	\$562.19	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2600.110.03.	(District Maintenance Supervisor	\$31,483.00	\$19,258.50	\$19,278.60	\$19,278.60	\$19,278.60	\$0.00	0.0%
10.2600.110.04.	(District Maintenance Supervisor	\$31,483.00	\$44,936.50	\$44,983.40	\$44,983.40	\$44,983.40	\$0.00	0.0%
10.2600.116.03.	(Salaries, Maintenance	\$158,268.21	\$151,054.83	\$148,946.83	\$174,370.00	\$174,370.00	\$25,423.17	17.1%
10.2600.116.04.	(Salaries, Maintenance	\$205,228.56	\$231,666.29	\$246,850.00	\$230,275.00	\$230,275.00	(\$16,575.00)	-6.7%
10.2600.130.03.	(Maintenance Overtime	\$8,566.74	\$7,857.23	\$8,500.00	\$8,500.00	\$8,500.00	\$0.00	0.0%
10.2600.130.04.	(Maintenance Overtime	\$8,763.59	\$8,951.88	\$9,000.00	\$9,000.00	\$9,000.00	\$0.00	0.0%
10.2600.310.00.	(Bldg & Grnds, Maint Svcs	\$1,305.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2600.391.03.	(Inspections	\$0.00	\$0.00	\$2,100.00	\$2,100.00	\$2,100.00	\$0.00	0.0%
10.2600.391.04.	(Inspections	\$0.00	\$0.00	\$1,300.00	\$2,293.36	\$2,293.36	\$993.36	76.4%
10.2600.402.03.	(Pest Control	\$1,281.50	\$1,723.00	\$2,900.00	\$3,400.00	\$3,400.00	\$500.00	17.2%
10.2600.402.04.	(Pest Control	\$1,025.00	\$900.00	\$3,400.00	\$3,400.00	\$3,400.00	\$0.00	0.0%
10.2600.411.03.	(Water System Maintenance	\$0.00	\$0.00	\$8,000.00	\$8,000.00	\$8,000.00	\$0.00	0.0%
10.2600.411.04.	(Water System Maintenance	\$9,977.55	\$8,190.50	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	0.0%
10.2600.421.03.	(Trash Removal	\$9,606.23	\$8,953.85	\$10,000.00	\$10,000.00	\$10,000.00	\$0.00	0.0%
10.2600.421.04.	(Trash Removal	\$18,022.97	\$17,205.52	\$19,000.00	\$19,000.00	\$19,000.00	\$0.00	0.0%
10.2600.422.03.	(Snow Removal	\$37,587.50	\$11,754.70	\$27,320.00	\$23,500.00	\$27,320.00	\$0.00	0.0%
10.2600.422.04.	(Snow Removal	\$58,637.09	\$29,190.17	\$50,680.00	\$46,266.00	\$50,680.00	\$0.00	0.0%
10.2600.424.03.	(Mowing	\$11,090.57	\$15,881.11	\$8,500.00	\$10,500.00	\$10,500.00	\$2,000.00	23.5%
10.2600.424.04.	(Mowing	\$21,546.18	\$15,881.15	\$20,000.00	\$22,000.00	\$22,000.00	\$2,000.00	10.0%
10.2600.425.03.	(Athletic Field Maintenance	\$4,066.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2600.425.04.	(Athletic Field	\$11,846.65	\$5,194.69	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2600.426.03.	(Communications Maintenance	\$427.50	\$0.00	\$500.00	\$500.00	\$500.00	\$0.00	0.0%
10.2600.430.03.	(Repair Maintenance Equipment	\$0.00	\$3,027.00	\$1,500.00	\$1,500.00	\$1,500.00	\$0.00	0.0%
10.2600.430.04.	(Repair Maint Equip	\$578.47	\$436.50	\$2,000.00	\$2,500.00	\$2,500.00	\$500.00	25.0%
10.2600.431.03.	(Heating/ventilating Svcs	\$14,386.62	\$10,646.07	\$33,400.00	\$13,000.00	\$13,000.00	(\$20,400.00)	-61.1%
10.2600.431.04.	(Heating/ventilation Svcs	\$12,839.08	\$17,505.13	\$20,100.00	\$17,000.00	\$17,000.00	(\$3,100.00)	-15.4%
10.2600.432.03.	(Fire/alarm Svcs	\$6,835.26	\$5,631.81	\$6,500.00	\$6,500.00	\$6,500.00	\$0.00	0.0%
10.2600.432.04.	(Fire/alarm Svcs	\$6,154.10	\$13,193.37	\$13,254.87	\$11,000.00	\$11,000.00	(\$2,254.87)	-17.0%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.2600.433.03.	(Plumbing Maintenance	\$892.00	\$0.00	\$2,100.00	\$2,100.00	\$2,100.00	\$0.00	0.0%
10.2600.433.04.	(Plumbing Maintenance	\$2,407.22	\$1,171.31	\$1,700.00	\$1,700.00	\$1,700.00	\$0.00	0.0%
10.2600.434.03.	(Electrical Maintenance	\$1,763.00	\$2,285.00	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	0.0%
10.2600.434.04.	(Electrical Maintenance	\$3,015.56	\$1,274.75	\$3,500.00	\$3,500.00	\$3,500.00	\$0.00	0.0%
10.2600.436.03.	(Septic System Svcs	\$2,325.00	\$2,625.00	\$2,500.00	\$2,600.00	\$2,600.00	\$100.00	4.0%
10.2600.436.04.	(Septic System Svcs	\$3,600.00	\$3,600.00	\$3,500.00	\$3,600.00	\$3,600.00	\$100.00	2.9%
10.2600.437.03.	(Painting	\$426.04	\$972.46	\$1,200.00	\$1,600.00	\$1,600.00	\$400.00	33.3%
10.2600.437.04.	(Painting	\$1,297.85	\$1,585.73	\$1,600.00	\$1,600.00	\$1,600.00	\$0.00	0.0%
10.2600.438.03.	(Building Repairs	\$8,038.82	\$5,186.75	\$5,000.00	\$6,000.00	\$5,800.00	\$800.00	16.0%
10.2600.438.04.	(Building Repairs	\$5,627.57	\$5,281.02	\$5,000.00	\$6,000.00	\$5,800.00	\$800.00	16.0%
10.2600.439.03.	(General Maintenance	\$14,624.87	\$10,539.29	\$15,000.00	\$14,000.00	\$14,000.00	(\$1,000.00)	-6.7%
10.2600.439.04.	(General Maintenance	\$20,850.96	\$19,932.93	\$20,000.00	\$20,000.00	\$20,000.00	\$0.00	0.0%
10.2600.490.03.	(Service Contracts	\$0.00	\$0.00	\$1,800.00	\$1,800.00	\$1,800.00	\$0.00	0.0%
10.2600.490.04.	(Service Contracts	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2600.520.00.	(Insurance Liability	\$51,745.82	\$58,839.80	\$59,256.00	\$61,269.00	\$61,269.00	\$2,013.00	3.4%
10.2600.531.00.	(Telephone	\$419.02	\$538.01	\$450.00	\$550.00	\$550.00	\$100.00	22.2%
10.2600.580.00.	(Travel	\$196.00	\$86.25	\$200.00	\$200.00	\$200.00	\$0.00	0.0%
10.2600.580.04.	(Travel	\$166.88	\$0.00	\$400.00	\$400.00	\$400.00	\$0.00	0.0%
10.2600.614.00.	(Expendable Supplies	\$0.00	\$379.64	\$410.80	\$425.00	\$424.00	\$13.20	3.2%
10.2600.614.03.	(Expendable Supplies	\$13,584.75	\$13,656.26	\$15,000.00	\$14,000.00	\$14,000.00	(\$1,000.00)	-6.7%
10.2600.614.04.	(Expendable Supplies	\$32,080.45	\$30,942.95	\$25,000.00	\$25,000.00	\$25,000.00	\$0.00	0.0%
10.2600.621.04.	(Utility Svcs Gas	\$4,220.04	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	0.0%
10.2600.622.03.	(Utility Svcs Lighting	\$59,438.41	\$54,411.64	\$56,925.00	\$56,000.00	\$56,000.00	(\$925.00)	-1.6%
10.2600.622.04.	(Utility Svcs Lighting	\$104,397.33	\$117,282.20	\$119,000.00	\$118,000.00	\$118,000.00	(\$1,000.00)	-0.8%
10.2600.624.03.	(Utility Svcs Oil	\$59,038.76	\$35,642.79	\$36,500.00	\$38,000.00	\$38,000.00	\$1,500.00	4.1%
10.2600.624.04.	(Utility Svcs Oil	\$92,826.12	\$50,490.27	\$53,822.00	\$55,000.00	\$55,000.00	\$1,178.00	2.2%
10.2600.731.03.	(Additional Equipment	\$285.00	\$0.00	\$3,540.00	\$2,500.00	\$2,500.00	(\$1,040.00)	-29.4%
10.2600.731.04.	(Addl Equipment	\$2,317.51	\$527.00	\$3,960.00	\$2,000.00	\$2,000.00	(\$1,960.00)	-49.5%
10.2600.735.03.	(Replacement Equipment	\$250.00	\$2,960.00	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	0.0%
10.2600.735.04.	(Replacement Equipment	\$0.00	\$8,085.00	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	0.0%
10.2700.510.03.	(Transportation	\$180,537.50	\$2,511.20	\$216,351.00	\$223,000.00	\$223,000.00	\$6,649.00	3.1%
10.2700.510.04.	(Transportation	\$185,062.44	\$5,445.94	\$216,351.00	\$223,000.00	\$223,000.00	\$6,649.00	3.1%
10.2700.512.03.	(Transportation-Homeless	\$131.71	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2700.512.04.	(Transportation-Homeless	\$200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2700.626.03.	(Gasoline/diesel Fuel	\$35,615.44	\$27,072.70	\$40,000.00	\$36,000.00	\$36,000.00	(\$4,000.00)	-10.0%
10.2700.626.04.	(Gasoline/diesel Fuel	\$38,812.20	\$29,664.42	\$43,000.00	\$39,000.00	\$39,000.00	(\$4,000.00)	-9.3%
10.2721.510.03.	(Regular Ed Transportation	\$0.00	\$182,017.58	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2721.510.04.	(Regular Ed Transportation	\$0.00	\$184,738.77	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2722.510.03.	(Transportation, SPED	\$68,915.43	\$120,285.37	\$155,909.08	\$82,525.00	\$82,525.00	(\$73,384.08)	-47.1%

Account	Description	FY15 Actual	FY16 Actual	FY17 Budget	FY18 Board	FY18 District Mtg	\$ Difference	% Diff
10.2722.510.04.	(Transportation, SPED	\$193,124.08	\$266,259.10	\$328,215.03	\$588,720.00	\$588,720.00	\$260,504.97	79.4%
10.2900.210.00.	(Attendance Bonus	\$13,846.58	\$11,185.20	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2900.211.00.	(Health Insurance	\$1,505,833.92	\$1,532,437.57	\$1,666,287.18	\$1,860,882.96	\$1,815,277.63	\$148,990.45	8.9%
10.2900.212.00.	(Dental Insurance	\$137,973.50	\$138,261.97	\$150,499.46	\$150,499.46	\$150,499.46	\$0.00	0.0%
10.2900.213.00.	(Life, Ltd, Ad&d	\$44,275.75	\$48,735.14	\$58,733.31	\$61,079.46	\$61,079.46	\$2,346.15	4.0%
10.2900.214.00.	(Health Insurance Opt-Out	\$78,262.53	\$79,787.50	\$83,000.00	\$82,600.00	\$82,600.00	(\$400.00)	-0.5%
10.2900.215.00.	(Flex Benefit	(\$3,855.93)	(\$163.40)	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.2900.217.03.	(Merit Increases - HBMS	\$11,850.00	\$12,500.00	\$12,734.01	\$13,102.00	\$13,102.00	\$367.99	2.9%
10.2900.217.04.	(Merit Increases - HBHS	\$21,000.00	\$21,250.00	\$21,932.22	\$22,851.00	\$22,851.00	\$918.78	4.2%
10.2900.218.00.	(403(b) Matching	\$0.00	\$0.00	\$6,000.00	\$6,000.00	\$6,000.00	\$0.00	0.0%
10.2900.220.00.	(Fica	\$733,242.95	\$747,405.31	\$775,626.91	\$791,175.25	\$791,175.25	\$15,548.34	2.0%
10.2900.231.00.	(Employee Retirement	\$81,269.94	\$99,930.96	\$95,664.57	\$97,174.00	\$97,406.00	\$1,741.43	1.8%
10.2900.232.00.	(Teacher Retirement	\$1,078,562.68	\$1,212,309.03	\$1,220,615.46	\$1,405,570.85	\$1,402,971.00	\$182,355.54	14.9%
10.2900.239.00.	(Retirement Benefit	\$16,802.25	\$79,506.30	\$32,832.10	\$43,148.00	\$43,148.00	\$10,315.90	31.4%
10.2900.250.00.	(Unemployment Compensation	\$21,841.15	\$21,997.15	\$19,591.00	\$20,500.00	\$20,500.00	\$909.00	4.6%
10.2900.260.00.	(Workmans Compensation	\$51,692.01	\$58,649.54	\$35,359.00	\$36,176.00	\$36,176.00	\$817.00	2.3%
10.2900.292.00.	(Shoe Allowance-Support Staff	\$0.00	\$0.00	\$2,000.00	\$0.00	\$0.00	(\$2,000.00)	-100.0%
10.2900.330.00.	(Contracted Services	\$0.00	\$450.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.4200.710.04.	(Site Improvement Services-NEASC	\$71,180.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.4200.712.00.	(Site Improvements, HBHS Track	\$28,705.81	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.0%
10.4200.713.00.	(Site Improvements-Parking Lot	\$0.00	\$0.00	\$40,991.25	\$0.00	\$0.00	(\$40,991.25)	-100.0%
10.4200.725.04.	(Building-Science Lab	\$0.00	\$0.00	\$66,000.00	\$0.00	\$0.00	(\$66,000.00)	-100.0%
10.5100.830.00.	(Bond Interest	\$854,682.29	\$842,383.60	\$669,640.45	\$177,367.00	\$177,367.00	(\$492,273.45)	-73.5%
10.5100.910.00.	(Bond Principal	\$948,399.21	\$960,324.15	\$836,443.65	\$420,000.00	\$420,000.00	(\$416,443.65)	-49.8%
10.5221.930.00.	(Transfer To Food Service	\$0.00	\$0.00	\$480,000.00	\$416,000.00	\$416,000.00	(\$64,000.00)	-13.3%
10.5222.930.00.	(Trnsfr To Special Revenue Fund	\$0.00	\$0.00	\$233,000.00	\$245,000.00	\$245,000.00	\$12,000.00	5.2%
10.5252.930.00.	(Transfer to Expendable Trust (Athletic	\$70,000.00	\$56,479.00	\$67,000.00	\$67,000.00	\$67,000.00	\$0.00	0.0%
10.5252.931.00	Transfer to Exp. Trust (Spec Ed)	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00	\$1.00	0.0%
10.5253.930.00.	(Transfer to Maintenance Expendable	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$0.00	0.0%
		<b>\$20,131,941.26</b>	<b>\$20,391,828.73</b>	<b>\$22,447,827.88</b>	<b>\$22,624,375.26</b>	<b>\$22,433,686.00</b>	<b>(\$14,141.88)</b>	<b>-0.06%</b>

**Budget Committee Goal**    \$22,303,686.00    \$22,433,686.00    \$130,000.00

**Wording for Spec Ed Expendable Trust Warrant Article:**

To see if the Hollis Brookline Cooperative School District will vote to establish a Special Education Expendable Trust Fund per RSA 198:20-c, to be used for special education expenses and to raise and appropriate up to \$XX,000 to put in the fund, with this amount to come from fund balance available for transfer on July 1. No amount to be raised from taxation; further to name the school board as agents to expend from the fund.

Recommended by the school board.

## FY18 Coop Budget Reduction Worksheet

As of 12/14/16

**Balance of November Budget Committee Meeting \$22,624,376**

<b>Corrections</b>	\$	(14,908)	Non-Union Merit Increases
	\$	8,234	Snow Removal
	\$	(45,605)	Health Insurance
	\$	(2,368)	Teacher Retirement

**11/30/16 Balance \$22,569,729**

<b>Add'l Cuts</b>	\$	(32,000)	From Athletic Trust-Trainer Cost
	\$	(30,000)	Transportation Reduction-Van Purchase
	\$	(47,246)	Add School Psychologist/Reduce Cont. Svs/RIF Case Mgr
	\$	(6,500)	Lighting Relays
	\$	(2,000)	MS Front Entrance Landscaping
	\$	(1,200)	MS Door Repairs
	\$	(2,500)	Projector Reduction
	\$	(4,500)	ARRA Student Laptop Replacements
	\$	(775)	HS Art Printer
	\$	(3,370)	Graduation Expense Reduction
	\$	(3,427)	HS Library Book Reduction
	\$	(2,525)	Minor line item reductions
			<u>\$22,433,686</u>

**Budget Committee Goal \$22,303,686**

**Diff \$ 130,000**

# Coop FY18 Budget Detail for New Items

As of: 10/7/16

As of: 10/21/16

As of: 11/9/16

As of: 12/14/16

Round 1.0 Personnel	
Cost	Descrip
<b>HBHS</b>	
\$9,000	Guidance Director add'l
-\$3,000	Eliminate Guidance Dept Head
\$2,150	New Sub Rates \$75/day w/cert; \$70 w/o
-\$23,470	Database Position-Coop Share
\$11,360	Registrar/RIF Guid. Sec 8 hrs/day w/ 30 extra days vs 6.75 hrs w/10 extra
\$84,500	Athletic Trainer From Exp Tr, more hrs, benefits
\$54,370	Math .75 to 1.0
-\$13,262	Ball Position-New Hire Spec Ed .5
-\$4,603	Reduce Summer Sec Days W+P: 22 to 10 extra days
<b>\$117,045</b>	
<b>HBMS</b>	
\$2,350	Garden Club Advisor Stipend T6
\$2,100	Robotics Advisor Stipend-add to Goes from Tier 2 to Tier 7
\$600	GSA Advisor Stipend
\$600	Summer Enrichment Stipend-add to Goes from Tier 2 to Tier 4
\$2,350	Summer Math Coord Stipend T6
\$600	Mentor Stipends-add to-T3
\$600	Add'l Un-Knighted T2
\$2,000	New Sub Rates \$75/day w/cert; \$70 w/o
\$40,112	Ball Position PT to FT-Reg Ed
<b>\$51,312</b>	
<b>\$168,357</b>	<b>Total</b>

Round 2.0 Personnel	
Cost	Descrip
<b>HBHS</b>	
\$9,000	Guidance Director add'l
-\$3,000	Eliminate Guidance Dept Head
\$2,150	New Sub Rates \$75/day w/cert; \$70 w/o
-\$23,470	Database Position-Coop Share
\$11,360	Registrar/RIF Guid. Sec 8 hrs/day w/ 30 extra days vs 6.75 hrs w/10 extra
\$84,500	Athletic Trainer From Exp Tr, more hrs, benefits
\$0	Math .75 to 1.0
\$0	Ball Position-New Hire Spec Ed .5
-\$4,603	Reduce Summer Sec Days W+P: 22 to 10 extra days
<b>\$75,937</b>	
<b>HBMS</b>	
\$2,350	Garden Club Advisor Stipend T6
\$2,100	Robotics Advisor Stipend-add to Goes from Tier 2 to Tier 7
\$0	GSA Advisor Stipend
\$600	Summer Enrichment Stipend-add to Goes from Tier 2 to Tier 4
\$2,350	Summer Math Coord Stipend T6
\$600	Mentor Stipends-add to-T3
\$600	Add'l Un-Knighted T2
\$2,000	New Sub Rates \$75/day w/cert; \$70 w/o
\$0	Ball Position PT to FT-Reg Ed
<b>\$10,600</b>	
<b>\$86,537</b>	<b>Total</b>

Round 3.0 Personnel	
Cost	Descrip
<b>HBHS</b>	
\$0	Guidance Director add'l
\$0	Eliminate Guidance Dept Head
\$2,150	New Sub Rates \$75/day w/cert; \$70 w/o
-\$23,470	Database Position-Coop Share
\$11,360	Registrar/RIF Guid. Sec 8 hrs/day w/ 30 extra days vs 6.75 hrs w/10 extra
\$64,500	Athletic Trainer From Exp Tr, more hrs, benefits
\$0	Math .75 to 1.0
\$0	Ball Position-New Hire Spec Ed .5
-\$4,603	Reduce Summer Sec Days W+P: 22 to 10 extra days
<b>\$49,937</b>	
<b>HBMS</b>	
\$2,350	Garden Club Advisor Stipend T6
\$2,100	Robotics Advisor Stipend-add to Goes from Tier 2 to Tier 7
\$0	GSA Advisor Stipend
\$600	Summer Enrichment Stipend-add to Goes from Tier 2 to Tier 4
\$2,350	Summer Math Coord Stipend T6
\$0	Mentor Stipends-add to-T3
\$600	Add'l Un-Knighted T2
\$2,000	New Sub Rates \$75/day w/cert; \$70 w/o
\$0	Ball Position PT to FT-Reg Ed
<b>\$10,000</b>	
<b>\$59,937</b>	<b>Total</b>

Round 4.0 Personnel	
Cost	Descrip
<b>HBHS</b>	
\$0	Guidance Director add'l
\$0	Eliminate Guidance Dept Head
\$2,150	New Sub Rates \$75/day w/cert; \$70 w/o
-\$23,470	Database Position-Coop Share
\$11,360	Registrar/RIF Guid. Sec 8 hrs/day w/ 30 extra days vs 6.75 hrs w/10 extra
\$64,500	Athletic Trainer From Exp Tr, more hrs, benefits
\$0	Math .75 to 1.0
\$0	Ball Position-New Hire Spec Ed .5
-\$4,603	Reduce Summer Sec Days W+P: 22 to 10 extra days
-\$32,000	Available from Athletic Trust Moving Trainer position to GF frees up funds
-\$30,000	Transportation Reduction FY17 Spec Ed van purchase
<b>-\$12,063</b>	
<b>HBMS</b>	
\$2,350	Garden Club Advisor Stipend T6
\$2,100	Robotics Advisor Stipend-add to Goes from Tier 2 to Tier 7
\$0	GSA Advisor Stipend
\$600	Summer Enrichment Stipend-add to Goes from Tier 2 to Tier 4
\$2,350	Summer Math Coord Stipend T6
\$0	Mentor Stipends-add to-T3
\$600	Add'l Un-Knighted T2
\$2,000	New Sub Rates \$75/day w/cert; \$70 w/o
\$0	Ball Position PT to FT-Reg Ed
-\$47,246	Add School Psych; Reduce Contract. Svs; RIF Case Mgr
<b>-\$37,246</b>	
<b>-\$49,309</b>	<b>Total</b>

Round 1.0 Academics	
Cost	Descrip

Round 2.0 Academics	
Cost	Descrip

Round 3.0 Academics	
Cost	Descrip

Round 4.0 Academics	
Cost	Descrip

<b>HBHS</b>	
\$2,430	Textbooks - AP Econ
\$2,430	Textbooks - AP Physics
\$7,391	Textbooks-French II & III
\$13,000	Textbooks-Acc Bio
\$7,500	Textbooks-Anatomy & Physio
\$7,500	Textbooks-Chemistry
\$15,000	Textbooks-Honors Chemistry
\$6,000	Textbooks-Physics
\$11,830	Textbooks-Economics
\$10,270	Textbooks-US Govt
\$17,500	PLTW Equip
\$16,000	Tech-rich Physics Initiative
<b>\$116,851</b>	

<b>HBHS</b>	
\$0	Textbooks - AP Econ
\$2,430	Textbooks - AP Physics
\$7,391	Textbooks-French II & III
\$13,000	Textbooks-Acc Bio
\$7,500	Textbooks-Anatomy & Physio
\$7,500	Textbooks-Chemistry
\$15,000	Textbooks-Honors Chemistry
\$6,000	Textbooks-Physics
\$11,830	Textbooks-Economics
\$10,270	Textbooks-US Govt
\$17,500	PLTW Equip
\$16,000	Tech-rich Physics Initiative
<b>\$114,421</b>	

<b>HBHS</b>	
\$0	Textbooks - AP Econ
\$2,430	Textbooks - AP Physics
\$7,391	Textbooks-French II & III
\$13,000	Textbooks-Acc Bio
\$7,500	Textbooks-Anatomy & Physio
\$7,500	Textbooks-Chemistry
\$0	Textbooks-Honors Chemistry
\$6,000	Textbooks-Physics
\$11,830	Textbooks-Economics
\$10,270	Textbooks-US Govt
\$6,106	Textbooks-Algebra 1
\$9,706	Textbooks-Algebra 2
\$3,531	Textbooks-Geometry
\$1,750	Textbooks-Math w/Business
\$4,697	Textbooks-Pre-Calculus
\$9,600	PLTW Program
\$13,000	Tech-rich Physics Initiative
<b>\$114,311</b>	

<b>HBHS</b>	
\$0	Textbooks - AP Econ
\$2,430	Textbooks - AP Physics
\$7,391	Textbooks-French II & III
\$13,000	Textbooks-Acc Bio
\$7,500	Textbooks-Anatomy & Physio
\$7,500	Textbooks-Chemistry
\$0	Textbooks-Honors Chemistry
\$6,000	Textbooks-Physics
\$11,830	Textbooks-Economics
\$10,270	Textbooks-US Govt
\$6,106	Textbooks-Algebra 1
\$9,706	Textbooks-Algebra 2
\$3,531	Textbooks-Geometry
\$1,750	Textbooks-Math w/Business
\$4,697	Textbooks-Pre-Calculus
\$9,600	PLTW Program
\$13,000	Tech-rich Physics Initiative
<b>\$114,311</b>	

<b>HBMS</b>	
\$7,000	Science Tables/Chairs
\$5,000	Classroom Tables
\$21,334	Learning Commons
	*Chromebooks (24) w/cart \$7,100
	*Projector w/MH&E \$875
	*Databases \$3,000
	*Ebeam/Whiteboard \$1,922
	*Storage/Shelves \$3,753
	*Furniture \$2,781
	*Other \$403
	*3 Access Points \$1,500
<b>\$33,334</b>	

<b>HBMS</b>	
\$7,000	Science Tables/Chairs
\$5,000	Classroom Tables
\$21,334	Learning Commons
	*Chromebooks (24) w/cart \$7,100
	*Projector w/MH&E \$875
	*Databases \$3,000
	*Ebeam/Whiteboard \$1,922
	*Storage/Shelves \$3,753
	*Furniture \$2,781
	*Other \$403
	*3 Access Points \$1,500
<b>\$33,334</b>	

<b>HBMS</b>	
\$0	Science Tables/Chairs
\$0	Classroom Tables
\$14,710	Learning Commons
	*Chromebooks (24) w/cart \$7,100
	*Projector w/MH&E \$875
	*Databases \$3,000
	*Ebeam/Whiteboard \$1,922
	*Storage/Shelves \$3,753
	*Furniture \$2,781
	*Other \$403
	*3 Access Points \$1,500
<b>\$14,710</b>	

<b>HBMS</b>	
\$0	Science Tables/Chairs
\$0	Classroom Tables
\$14,710	Learning Commons
	*Chromebooks (24) w/cart \$7,100
	*Projector w/MH&E \$875
	*Databases \$3,000
	*Ebeam/Whiteboard \$1,922
	*Storage/Shelves \$3,753
	*Furniture \$2,781
	*Other \$403
	*3 Access Points \$1,500
<b>\$14,710</b>	

<b>\$150,185</b>	<b>Total</b>
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<b>\$147,755</b>	<b>Total</b>
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<b>\$129,021</b>	<b>Total</b>
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<b>\$129,021</b>	<b>Total</b>
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<b>Round 1.0 New Computer Equip</b>	
Cost	Descrip
<b>HBHS</b>	
\$800	iPads (2) Spec Ed Program @ \$400
\$425	Projectors (1) @ \$425
	Library for check out
\$28,400	Chromebooks w/carts (96)(LA)

<b>Round 2.0 New Computer Equip</b>	
Cost	Descrip
<b>HBHS</b>	
\$800	iPads (2) Spec Ed Program @ \$400
\$425	Projectors (1) @ \$425
	Library for check out
\$28,400	Chromebooks w/carts (96)(LA)

<b>Round 3.0 New Computer Equip</b>	
Cost	Descrip
<b>HBHS</b>	
\$800	iPads (2) Spec Ed Program @ \$400
\$0	Projectors (1) @ \$425
	Library for check out
\$28,400	Chromebooks w/carts (96)(LA)

<b>Round 4.0 New Computer Equip</b>	
Cost	Descrip
<b>HBHS</b>	
\$800	iPads (2) Spec Ed Program @ \$400
\$0	Projectors (1) @ \$425
	Library for check out
\$28,400	Chromebooks w/carts (96)(LA)

	-14" @ \$250 - 4 sets of 24 ea w/4 carts
<b>\$29,625</b>	
<b>HBMS</b>	
\$12,200	Chromebooks w/carts (40)(Eng/Sci) -14" @ \$250
\$4,250	Projectors w/MH&E (5) @ \$850 Picarello, Conf Rm, 3-Spec Ed
\$3,500	Gym Projector w/protection
\$1,750	Live Streaming Equipment Split w/HSD
<b>\$21,700</b>	
<b>\$51,325</b>	<b>Total</b>

	-14" @ \$250 - 4 sets of 24 ea w/4 carts
<b>\$29,625</b>	
<b>HBMS</b>	
\$12,200	Chromebooks w/carts (40)(Eng/Sci) -14" @ \$250
\$4,250	Projectors w/MH&E (5) @ \$850 Picarello, Conf Rm, 3-Spec Ed
\$0	Gym Projector w/protection
\$1,750	Live Streaming Equipment Split w/HSD
<b>\$18,200</b>	
<b>\$47,825</b>	<b>Total</b>

	-14" @ \$250 - 4 sets of 24 ea w/4 carts
\$800	iPads (2) Life Skills Program @ \$400 Direct instruction/data collection
\$775	Color Printer - Life Skills To create modified learning materials
\$775	Color Printer - Art Dept New Digital Photo Focus
<b>\$31,550</b>	
<b>HBMS</b>	
\$12,200	Chromebooks w/carts (40)(Eng/Sci) -14" @ \$250
\$3,400	Projectors w/MH&E (4) @ \$850 Picarello, 3-Spec Ed
\$0	Gym Projector w/protection
\$1,750	Live Streaming Equipment Split w/HSD
<b>\$17,350</b>	
<b>\$48,900</b>	<b>Total</b>

	-14" @ \$250 - 4 sets of 24 ea w/4 carts
\$800	iPads (2) Life Skills Program @ \$400 Direct instruction/data collection
\$775	Color Printer - Life Skills To create modified learning materials
\$0	Color Printer - Art Dept New Digital Photo Focus
<b>\$30,775</b>	
<b>HBMS</b>	
\$12,200	Chromebooks w/carts (40)(Eng/Sci) -14" @ \$250
\$850	Projectors w/MH&E (1) @ \$850 Picarello, 3-Spec Ed
\$0	Gym Projector w/protection
\$1,750	Live Streaming Equipment Split w/HSD
<b>\$14,800</b>	
<b>\$45,575</b>	<b>Total</b>

**Round 1.0**  
**Rplcmt Computer Equip-Current**

Cost	Descrip
<b>HBMS</b>	
\$3,400	Projectors (8) @ \$425 Locations? Higher cost due to ceiling?
\$12,600	Desktops? (24) @ \$525 Rm 141 Computer Lab B
\$11,506	Laptops (22) @ \$523 Library
\$4,707	Staff Laptops (9) @\$523 Depart:
\$4,707	ARRA Laptops-Students (9) @ \$523 ARRA replacements-Based on evaluation
\$1,362	Printer (2) @ \$681 Rm 372, Guidance
\$5,400	Server-Sophos, Domain Cont.
<b>\$43,682</b>	

<b>HBMS</b>	
\$11,506	Laptops (22) @ \$523 Location?
\$6,000	Chromebooks (24) @ \$250 Computer lab - Rm ?
\$2,125	Projectors (5) @ \$425
\$4,707	Staff Laptops (9) @ \$523 Based on evaluation
\$4,707	ARRA Laptops-Students (9) @ \$523 Based on evaluation

**Round 2.0**  
**Rplcmt Computer Equip**

Cost	Descrip
<b>HBMS</b>	
\$3,400	Projectors (8) @ \$425 Locations? Higher cost due to ceiling?
\$12,600	Desktops? (24) @ \$525 Rm 141 Computer Lab B
\$5,500	Chromebooks (22) @ \$250 Library
\$4,707	Staff Laptops (9) @\$523 Depart:
\$2,250	Chromebooks-Students (9) @ \$250 ARRA replacements-Based on evaluation
\$1,362	Printer (2) @ \$681 Rm 372, Guidance
\$0	Server-Sophos, Domain Cont.
<b>\$29,819</b>	

<b>HBMS</b>	
\$0	Laptops (22) @ \$523 Location?
\$0	Chromebooks (24) @ \$250 Computer lab - Rm ?
\$2,125	Projectors (5) @ \$425
\$4,707	Staff Laptops (9) @ \$523 Based on evaluation
\$2,250	Chromebooks-Students (9) @ \$250 ARRA replacements-Based on evaluation

**Round 3.0**  
**Rplcmt Computer Equip**

Cost	Descrip
<b>HBMS</b>	
\$3,400	Projectors (8) @ \$425 Locations? Higher cost due to ceiling?
\$12,600	Desktops? (24) @ \$525 Rm 141 Computer Lab B
\$5,500	Chromebooks (22) @ \$250 Library
\$2,092	Staff Laptops (4) @\$523 Depart:
\$2,250	Chromebooks-Students (9) @ \$250 ARRA replacements-Based on evaluation
\$1,362	Printer (2) @ \$681 Rm 372, Guidance
\$0	Server-Sophos, Domain Cont.
<b>\$27,204</b>	

<b>HBMS</b>	
\$0	Laptops (22) @ \$523 Location?
\$0	Chromebooks (24) @ \$250 Computer lab - Rm ?
\$2,125	Projectors (5) @ \$425
\$2,092	Staff Laptops (4) @ \$523 Based on evaluation
\$2,250	Chromebooks-Students (9) @ \$250 ARRA replacements-Based on evaluation

**Round 4.0**  
**Rplcmt Computer Equip**

Cost	Descrip
<b>HBMS</b>	
\$3,400	Projectors (8) @ \$425 Locations? Higher cost due to ceiling?
\$12,600	Desktops? (24) @ \$525 Rm 141 Computer Lab B
\$5,500	Chromebooks (22) @ \$250 Library
\$2,092	Staff Laptops (4) @\$523 Depart:
\$0	Chromebooks-Students (9) @ \$250 ARRA replacements-Based on evaluation
\$1,362	Printer (2) @ \$681 Rm 372, Guidance
\$0	Server-Sophos, Domain Cont.
<b>\$24,954</b>	

<b>HBMS</b>	
\$0	Laptops (22) @ \$523 Location?
\$0	Chromebooks (24) @ \$250 Computer lab - Rm ?
\$2,125	Projectors (5) @ \$425
\$2,092	Staff Laptops (4) @ \$523 Based on evaluation
\$0	Chromebooks-Students (9) @ \$250 ARRA replacements-Based on evaluation

\$29,045	
<b>\$72,727</b>	<b>Total</b>

\$9,082	
<b>\$38,901</b>	<b>Total</b>

\$6,467	
<b>\$33,671</b>	<b>Total</b>

\$4,217	
<b>\$29,171</b>	<b>Total</b>

Round 1.0 Hosted Software	
Cost	Descrip
\$2,486	Oasys-Observation Software
\$2,500	Veritime-Time Tracking Software
\$350	Print Manager-Printing Control
<b>\$5,336</b>	<b>Total</b>

Round 2.0 Hosted Software	
Cost	Descrip
\$2,486	Oasys-Observation Software
\$2,500	Veritime-Time Tracking Software
\$350	Print Manager-Printing Control
<b>\$5,336</b>	<b>Total</b>

Round 3.0 Hosted Software	
Cost	Descrip
\$2,486	Oasys-Observation Software
\$2,500	Veritime-Time Tracking Software
\$350	Print Manager-Printing Control
<b>\$5,336</b>	<b>Total</b>

Round 4.0 Hosted Software	
Cost	Descrip
\$2,486	Oasys-Observation Software
\$2,500	Veritime-Time Tracking Software
\$350	Print Manager-Printing Control
<b>\$5,336</b>	<b>Total</b>

Round 1.0 Safety Issues	
Cost	Descrip
<b>HBHS</b>	
\$15,000	Main Entrance Reno-Homeland Sec
\$8,000	Security Cameras
\$1,200	Cop Sync
<b>\$24,200</b>	
<b>HBMS</b>	
\$4,100	Security Cameras camera, panic button, door jams, maint. contract
\$3,000	Security Alarms-add'l repairs
\$2,000	Fire Alarms-add'l repairs
\$2,800	Foyer Carpet
\$1,200	Cop Sync
<b>\$13,100</b>	
<b>\$37,300</b>	<b>Total</b>

Round 2.0 Safety Issues	
Cost	Descrip
<b>HBHS</b>	
\$15,000	Main Entrance Reno-Homeland Sec
\$8,000	Security Cameras
\$1,200	Cop Sync
<b>\$24,200</b>	
<b>HBMS</b>	
\$4,100	Security Cameras camera, panic button, door jams, maint. contract
\$3,000	Security Alarms-add'l repairs
\$2,000	Fire Alarms-add'l repairs
\$0	Foyer Carpet
\$1,200	Cop Sync
<b>\$10,300</b>	
<b>\$34,500</b>	<b>Total</b>

Round 3.0 Safety Issues	
Cost	Descrip
<b>HBHS</b>	
\$0	Main Entrance Reno-Homeland Sec
\$6,000	Security Cameras
\$1,200	Cop Sync
<b>\$7,200</b>	
<b>HBMS</b>	
\$2,900	Security Cameras camera, door jams, maint. contract
\$3,000	Security Alarms-add'l repairs
\$2,000	Fire Alarms-add'l repairs
\$0	Foyer Carpet
\$1,200	Cop Sync
<b>\$9,100</b>	
<b>\$16,300</b>	<b>Total</b>

Round 4.0 Safety Issues	
Cost	Descrip
<b>HBHS</b>	
\$0	Main Entrance Reno-Homeland Sec
\$6,000	Security Cameras
\$1,200	Cop Sync
<b>\$7,200</b>	
<b>HBMS</b>	
\$2,900	Security Cameras camera, door jams, maint. contract
\$3,000	Security Alarms-add'l repairs
\$2,000	Fire Alarms-add'l repairs
\$0	Foyer Carpet
\$1,200	Cop Sync
<b>\$9,100</b>	
<b>\$16,300</b>	<b>Total</b>

Round 1.0 Facilities/Maintenance	
Cost	Descrip
<b>HBHS</b>	
\$3,884	New Copy Machine - 4yr instlmnt
\$10,000	Lighting Relays
\$10,000	Student Restroom Partions
\$3,000	Back Lobby Carpet
\$3,000	Bell System
\$2,000	Window Blinds
\$2,000	Window Screens

Round 2.0 Facilities/Maintenance	
Cost	Descrip
<b>HBHS</b>	
\$3,884	New Copy Machine - 4yr instlmnt
\$6,500	Lighting Relays
\$3,000	Student Restroom Partions-Phase
\$3,000	Back Lobby Carpet
\$0	Bell System
\$2,000	Window Blinds
\$2,000	Window Screens

Round 3.0 Facilities/Maintenance	
Cost	Descrip
<b>HBHS</b>	
\$3,884	New Copy Machine - 4yr instlmnt
\$6,500	Lighting Relays
\$0	Student Restroom Partions-Phase
\$0	Back Lobby Carpet
\$0	Bell System
\$0	Window Blinds
\$0	Window Screens

Round 4.0 Facilities/Maintenance	
Cost	Descrip
<b>HBHS</b>	
\$3,884	New Copy Machine - 4yr instlmnt
\$0	Lighting Relays
\$0	Student Restroom Partions-Phase
\$0	Back Lobby Carpet
\$0	Bell System
\$0	Window Blinds
\$0	Window Screens

\$17,500	Door Handles
\$4,000	Window Ballasts
\$3,000	Clean Well Tank
\$8,700	Floor Scrubbers
\$3,500	Roof Repairs
\$42,000	Phone System
\$80,000	Weight Rm/Ath Fields Planning
\$0	Paving Lower Lot-use parking fees
\$8,000	Roof Drain Cleaning
<b>\$200,584</b>	

<b>HBMS</b>	
\$2,000	Elevator Service
\$3,000	Locker Room Roof
\$3,200	Locker Repairs
\$3,000	Rebuild Pumps
\$1,200	Main Ent. Door Repairs-Hardware
\$8,700	Floor Scrubbers
\$15,175	Library Carpet
\$50,000	Water System-Rocky Pond Issues
\$3,800	Carpet Extractor-cleaning
\$12,000	Paving to the Fence-Back Bldg
\$5,000	Roof Drain Cleaning
\$2,450	Rack of Chairs (100)-Replenish
\$2,000	Front Ent. Landscaping-Phase 2
<b>\$111,525</b>	
<b>\$312,109</b>	<b>Total</b>

<b>\$797,339</b>	<b>Grand Total</b>
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\$17,500	Door Handles
\$4,000	Window Ballasts
\$3,000	Clean Well Tank
\$8,700	Floor Scrubbers
\$3,500	Roof Repairs
\$42,000	Phone System
\$0	Weight Rm/Ath Fields Planning
\$0	Paving Lower Lot-use parking fees
\$0	Roof Drain Cleaning
<b>\$99,084</b>	

<b>HBMS</b>	
\$2,000	Elevator Service
\$3,000	Locker Room Roof
\$3,200	Locker Repairs
\$3,000	Rebuild Pumps
\$1,200	Main Ent. Door Repairs-Hardware
\$8,700	Floor Scrubbers
\$0	Library Carpet
\$50,000	Water System-Rocky Pond Issues
\$0	Carpet Extractor-cleaning
\$0	Paving to the Fence-Back Bldg
\$0	Roof Drain Cleaning
\$1,225	Rack of Chairs (50)-Replenish
\$2,000	Front Ent. Landscaping-Phase 2
<b>\$74,325</b>	
<b>\$173,409</b>	<b>Total</b>

<b>\$534,263</b>	<b>Grand Total</b>
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\$17,500	Door Handles
\$4,000	Window Ballasts
\$3,000	Clean Well Tank
\$8,700	Floor Scrubbers
\$3,500	Roof Repairs
\$0	Phone System
\$0	Weight Rm/Ath Fields Planning
\$0	Paving Lower Lot-use parking fees
\$0	Roof Drain Cleaning
<b>\$47,084</b>	

<b>HBMS</b>	
\$2,000	Elevator Service
\$3,000	Locker Room Roof
\$1,600	Locker Repairs
\$3,000	Rebuild Pumps
\$1,200	Main Ent. Door Repairs-Hardware
\$0	Floor Scrubbers
\$0	Library Carpet
\$0	Water System-Rocky Pond Issues
\$0	Carpet Extractor-cleaning
\$0	Paving to the Fence-Back Bldg
\$0	Roof Drain Cleaning
\$0	Rack of Chairs (50)-Replenish
\$2,000	Front Ent. Landscaping-Phase 2
<b>\$12,800</b>	
<b>\$59,884</b>	<b>Total</b>

<b>\$353,049</b>	<b>Grand Total</b>
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\$17,500	Door Handles
\$4,000	Window Ballasts
\$3,000	Clean Well Tank
\$8,700	Floor Scrubbers
\$3,500	Roof Repairs
\$0	Phone System
\$0	Weight Rm/Ath Fields Planning
\$0	Paving Lower Lot-use parking fees
\$0	Roof Drain Cleaning
<b>\$40,584</b>	

<b>HBMS</b>	
\$2,000	Elevator Service
\$3,000	Locker Room Roof
\$1,600	Locker Repairs
\$3,000	Rebuild Pumps
\$0	Main Ent. Door Repairs-Hardware
\$0	Floor Scrubbers
\$0	Library Carpet
\$0	Water System-Rocky Pond Issues
\$0	Carpet Extractor-cleaning
\$0	Paving to the Fence-Back Bldg
\$0	Roof Drain Cleaning
\$0	Rack of Chairs (50)-Replenish
\$0	Front Ent. Landscaping-Phase 2
<b>\$9,600</b>	
<b>\$50,184</b>	<b>Total</b>

<b>\$226,278</b>	<b>Grand Total</b>
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Round 1.0 Rplcmt Computer Equip-BYOD	
Cost	Descrip
<b>HBMS</b>	
\$3,400	Projectors (8) @ \$425 <small>Locations? Higher cost due to ceiling?</small>
\$39,000	Controller-Replace out dated
\$4,500	Switches (3) @\$1,500
\$12,500	Access Points (25) @ \$500 <small>Replace out dated</small>
\$4,707	Staff Laptops (9) @\$523 <small>Depart:</small>
\$4,707	ARRA Laptops-Students (9) @ \$523 <small>Based on evaluation</small>

Round 1.0 New Warrant Articles	
Cost	Descrip
	HBMS Weight Rm/Athletic Fields Spec Ed Exp Trust Capital Reserve Fund-Roof HBMS Water Supply System

Round 1.0 New Warrant Articles	
Cost	Descrip
\$0	Spec Ed Exp Trust
\$0	Capital Reserve Fund-Roof

Round 1.0 New Warrant Articles	
Cost	Descrip
\$0	Spec Ed Exp Trust
\$0	Capital Reserve Fund-Roof

\$1,362	Printer (2) @ \$681 Rm 372, Guidance
\$5,400	Server-Sophos, Domain Cont.
<b>\$75,576</b>	
<b>HBMS</b>	
\$5,000	Access Points (10) @ \$500 3 gym, ?
\$1,500	Switches (1) @ \$1,500
\$11,506	Laptops (22) @ \$523 Location?
\$2,125	Projectors (5) @ \$425
\$4,707	Staff Laptops (9) @ \$523
\$4,707	ARRA Laptops-Students (9) @ \$523 Based on evaluation
<b>\$29,545</b>	
<b>\$105,121</b>	<b>Total</b>

<b>\$829,733</b>	<b>Grand Total</b>
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