

**Inter-Lakes School Regular Board Meeting  
Humiston Building – Conference Room\*  
103 Main Street, Meredith NH  
January 10, 2023 @ 6:00 PM**

*\*Additional Public Access via Google Meet*

**MINUTES**

**I. RECORD ROLL**

**Members Present:**

Ms. Lisa Merrill, Chair  
Mr. Mark Billings, Vice-Chair  
Mr. Charley Hanson, Secretary  
Mr. Howard Cunningham  
Mr. Duncan Porter-Zuckerman  
Ms. Nancy Starmer  
Mr. Craig Baker  
Mr. Paolo Cao, Student Rep.

**Administrators Present:**

Mrs. Mary Moriarty, Superintendent  
Mr. Michael Bryant, ILES Principal  
Dr. Amanda Downing, ILM/HS Principal  
Ms. Holly Vieten, Guidance Director  
Mr. Mark Parsons, Technology Director  
Ms. Elaine Dodge, Director of Student Services  
Ms. Erica Pappalardo, Curriculum Coordinator  
Ms. Linda Otten, Dean of Learning

**Members Absent:**

None

**Others Present:**

Mr. Chris Mega, Video Recorder  
Mr. Joe Derrick, ILM/HS STEAM Teacher  
Ms. Joanne Lau, ILM/HS STEAM Teacher  
Ms. Whitney Sullivan, ILM/HS Business Teacher  
Lakerbots Senior members  
Members of the Public

**II. CALL TO ORDER**

The meeting was called to order at 6:00 PM.

Chair Merrill reminded everybody that the Non-Discrimination Policy is not on the agenda to be addressed tonight. Members of the public who wish to have their voices heard may speak during the Public Comment segment of the meeting, but the School Board is not here to deliberate on the Non-Discrimination Policy. The policy is a Policy Review Committee matter to be discussed at a later meeting.

**III. PLEDGE OF ALLEGIANCE**

**IV. STUDENT RECOGNITION – LAKERBOTS**

Mr. Derrick, Mrs. Lau and the seniors on the Inter-Lakes Middle High School robotics team, the Lakerbots, presented on the team's many accomplishments. The seniors noted how nice it is to see how much the group has grown, from just a group of five kids in the basement to a major student organization. Last year, the Lakerbots were district champions in the FIRST Robotics Competition. At the end of last year, the team built a wheelchair-accessible desk for an ILES student. Additionally, the team were Alliance Captains at Battle of the Bay, an off-season event; hosted a STEAM expo for Sandwich elementary students; and were awarded the Governor's Cup Award for their achievements.

This past weekend, the new FIRST Robotics game was announced and the team is beginning to build the robot for that. There will be a robotics event on March 25 and 26 at the Whittemore Center at UNH which will be open to the public and streamed on Twitch.

The team has high hopes of becoming district champions again. They expressed gratitude to the Board for their support.

Mr. Derrick reported that through donations the Lakerbots have raised about \$14,000 and approximately another \$14,000 through grants. Mr. Derrick noted that receiving the Governor's Cup Award is a very special and meaningful accomplishment. It is not only a robotics competition, but also a community award that highlights the team's community values.

Mrs. Moriarty congratulated the seniors on the Lakerbots, for their outstanding achievements. The Board awarded Certificates of Recognition to each of the senior members of the team.

## **V. PUBLIC COMMENT**

Please clearly state your name and town of residence.

Public Comment opened at 6:06 P.M.

Richard DeMark of Meredith asked the Board for clarification on the status of the Board's review of the District's non-discrimination policy. Chair Merrill informed him that the policy is with Policy Review Committee for review, and that it is not on the agenda for tonight.

Mr. Hanson reiterated that this topic is not on the agenda tonight and suggested that those with comments on the policy send their comments to the Policy Review Committee. Mr. Hanson noted that this is an open meeting and the public may provide comment if they want.

Mr. DeMark read a statement in support of the District's Non-Discrimination Policy and presented copies of information related to the Gilford School District and the Milford School District aligning with the Non-Discrimination Policy

Mr. Parsons read an email comment from Kim Spencer of Center Harbor in support of the District's Non-Discrimination Policy.

A question was raised regarding what measures are being taken in the short-term regarding the policy. Mr. Hanson responded that one concern brought to the Board's attention was long lines for the single-occupancy bathrooms, and the Board hopes that has gotten smoother. There is discussion of making the bathroom in question a single-use bathroom for the short-term. The policy is unchanged as of today.

Lisa Miles of Meredith expressed her concern that the policy is being implemented in a way that does not make sense and is being misunderstood by parents and students. She asked the Board what would be the proper forum to have a conversation about this policy, how it works, and why it is being implemented this way in this situation.

Mrs. Moriarty responded that those with specific concerns about policy implementation set up an individual meeting with Dr. Downing and/or Mrs. Moriarty. If individuals have concerns relative to the policy itself, they should address their concerns to the Policy Review Committee.

Lindsay Weiner of Meredith read a statement in support of the policy. In her statement, she noted that the policy protects the district's most at-risk community members. Should the School Board decide to reevaluate the policy, she feels it would be a good opportunity to expand protections for the LGBTQ+ community. She also shared that more single-occupancy restrooms would certainly help. Ms. Weiner suggests that the school renovate

the locker rooms which were previously planned to be renovated, and perhaps explore longer transition times between classes to accommodate longer lines for the restrooms. She also expressed support for LGBTQ+ students seeking acceptance in their communities.

Leah Meeken of Meredith, an eighth-grade student at Inter-Lakes Middle/High School, read a statement expressing concerns about the implementation of the non-discrimination policy. Many girls in the seventh and eighth grade have been using single-occupancy bathrooms because of discomfort with the way the policy is being implemented. Students are being forced to miss the first few minutes of their classes, requiring them to get help outside of school hours to stay on track in classes. Everyone should be able to use the bathrooms and locker rooms comfortably without having to think about it.

Another eighth grade student at ILM/HS read a statement expressing concerns about the implementation of the non-discrimination policy. A number of students have noticed this policy being misunderstood.

Susan Kjellberg of Sandwich, a parent of an Inter-Lakes student, said she thinks everyone can agree we want our kids to feel safe. She presented data demonstrating that sexual assault and violent crimes occurred at much higher rates against non-binary and transgender kids. She reiterated that there is no evidence of transgender people attacking cisgender people in bathrooms. She concluded that she thinks having single-use bathrooms is a great idea.

Nicole Beauboeuf of Sandwich asked the Board if this policy only pertains to students at the school, or if adults visiting the schools may also use the bathroom which aligns with their gender identity. The School Board reiterated that the policy is still under review and this topic has not been addressed.

Mr. Parsons read an email from John Cooley of Center Sandwich expressing support for the policy, an email from Melaney Hodge of Sandwich expressing support for the policy, and an email from Scott Ferrick of Sandwich expressing support for the policy.

Siobhan Balazs of Center Sandwich shared a peer-reviewed article in the Journal of Adolescent Health regarding the impact of bathroom discrimination on the mental health of transgender and nonbinary youth, and stated that the risk of suicidal ideation and mental health problems is much higher for transgender and gender nonconforming students. Mrs. Balazs submitted the referenced article to the School Board for review.

Lisa Miles of Meredith stated that the current situation is not in adherence with the Non-Discrimination Policy, and that is why there are concerns.

Marilyn Whalley of Center Harbor stated that we are now creating a need for new studies to find out what is happening to girls who do not feel safe in these bathrooms.

Mark Anderson of Meredith stated that he does not think anyone here wishes any ill will toward transgender individuals or the parents of people with transgender children. He stated that he saw the letter written in reply to the original concerned parent from the Superintendent, and thought it was flippant and dismissive. Mr. Anderson has two sons

and a daughter. His daughter is active in sports. He wonders if the next step is going to be a person wanting to use the locker room they closest identify with.

Chair Merrill stated that she feels the School Board needs to act upon parent and student's concerns. She noted that other school districts are revamping a lot of their bathrooms, and the Board can investigate that option. Ms. Merrill reiterated that they cannot handle everything tonight, and that the Policy Review Committee is looking into the concerns raised by the public.

A member of the public who did not state their name expressed their frustrations with the policy. Jaelyn Countryman of Meredith, an eighth-grade student at Inter-Lakes, expressed her frustrations with the implementation of the policy. Chair Merrill reiterated that School Board meetings are not an appropriate forum to discuss individuals.

A member of the public expressed concern that the Policy Review Committee meeting on January 4<sup>th</sup> and the agenda for the meeting were not publicly available. Mr. Porter-Zuckerman stated that this is incorrect. The previous meeting's date was posted publicly and the agenda was available on the Inter-Lakes website.

Mrs. Moriarty reviewed where the agendas and the meeting schedules are posted. The Policy Review Committee meeting on January 4<sup>th</sup> was not a routine meeting, but it was posted publicly. Sometimes the School Board or subcommittees of the School Board hold special meetings in circumstances that warrant unplanned meetings. These meetings are always posted and open to the public. Usually, the Policy Review Committee meets before School Board meetings at 5:30 PM. These regular meetings have been on pause since the School Board has been working on budget.

Richard DeMark of Meredith expressed discomfort with the way some members of the public have treated the School Board during tonight's meeting.

Debbie Walker of Meredith noted that most people tonight did not speak up about the policy but the implementation of the policy, and if there is an implementation issue, it can be dealt with separately from the policy.

Public Comment closed at 6:45 P.M.

## **VI. POLICY**

A. Policy Minutes of January 4, 2023 (Information Item) Mrs. Moriarty, Superintendent

Mrs. Moriarty reviewed the minutes from the Policy Committee Meeting.

## **VII. INTER-LAKES STUDENT BOARD REPRESENTATIVE UPDATE**

Paolo Cao, Student Representative, reported that the Student Council is serving hot cocoa on Mondays to students to add some positivity to their Monday mornings. The Lakerbots had a meeting on Saturday, January 7<sup>th</sup> to watch the kick-off for the new FIRST Robotics game, and two members of the Newfound robotics team came. They watched the kick-off on Twitch. After the kick-off, they analyzed the game and its rules, and strategized to come up with a rough robot design. There is a virtual math meet on Wednesday, January 11; Inter-Lakes is currently first in small schools, and second in big and small schools. The Winter Concert on December 8<sup>th</sup> was well-attended by the

community. Inter-Lakes Middle School recently had a guest speaker, Ty Gagne, who talked about risk, overcoming challenges, and decision-making. Tonight, girls' varsity basketball has a game in Berlin, and boys' varsity has a game against Berlin at home.

### **VIII. MINUTES**

- A. Special Meeting – December 20, 2022 (Action Item) Mrs. Moriarty, Superintendent–Non-Public

The Board reviewed the minutes from the December 20, 2022 Special Meeting.

Mr. Billings moved, seconded by Mr. Cunningham, to approve the minutes of the December 20, 2022 Special Meeting. The motion carried 7-0.

### **IX. CURRENT BILLS PAYABLE**

- A. General Operating Expenses (Action Item) Mrs. Moriarty, Superintendent

Mrs. Moriarty presented Manifest #3020 for the Board's review.

Mr. Hanson moved, seconded by Mr. Billings, to approve the payment of bills, manifest #3020. The motion carried 7-0.

### **X. CORRESPONDENCE – Superintendent, Board Secretary, Board Members**

Nothing to report.

### **XI. SUPERINTENDENT/ASSISTANT SUPERINTENDENT REPORT**

- A. Enrollment Report (Information Item) Mrs. Moriarty, Superintendent

Mrs. Moriarty reported that enrollment is down by three students. The District had some families who were traveling for an extended period so they opted to homeschool during that period. They are anticipated to re-enroll.

- B. Professional Learning Summary, January 2, 2023 (Information Item) Mrs. Pappalardo, Curriculum Coordinator

Mrs. Pappalardo reported that we had a successful Professional Learning Day on January 2. For the Elementary School teachers, the day provided an opportunity to re-engage in professional learning practices. Not only was it a time to train new staff, but also a time to build upon long-standing practices in the district. Survey feedback from teachers showed that they were excited to have the refresher; many of their comments acknowledged how a lot of the experiences throughout the day reinforced a lot of the things they do routinely, as well as challenged some thinking.

At the High School, the teachers built upon some work they had started previously. The focus in the morning was federal accountability and working in their department structure on ways to integrate some practices into the things we do with our learners to prepare for assessments. The teachers had some options in the afternoon: working on assessment preparation, federal accountability, etc. Educators could submit their own plans, and we had quite a few departments submit plans. A lot of the plans reflected our teacher's desire to collaborate beyond their own department.

Mrs. Pappalardo expressed gratitude for all the resources the district has which allowed for such an amazing day for our teachers. Mrs. Moriarty thanked Mrs. Pappalardo for her hard work leading up to the day.

C. School Updates (Information Item) Mr. Bryant, ILES Principal, Dr. Downing, ILM/HS Principal

Elementary School Updates:

Mr. Bryant reported that this year, the school brought banking back with Meredith Village Savings Bank, so students have the opportunity to take that up. They worked with Meredith Rotary on a book vending machine, which is up and running. This is a fun, creative way to promote literacy and recognize student's accomplishments. The school is working with Prescott Farm to bring back composting efforts. The Winter Band and Chorus Concert was so highly attended that we ran out of chairs and had standing room only. Mr. Bryant thanked Brendan Dowd, Chorus Director and Kaitlin Hart, Band Director for their efforts and a successful event. January is Kindness Month at ILES. In February, the school is holding a Winter Carnival day, partnering with Gunstock Mountain, Laconia Ice Arena, and Top Gun Gymnastics. The teachers were excited on the Professional Learning Day to have the refresher and validate their efforts. This continued in the staff meeting the next day when all staff came together to share information and create some anchor charts that the entire staff could use moving forward.

Middle/High School Updates:

Dr. Downing reported that a few months ago they decided to increase student recognition. The staff came to a consensus on Laker of the Month recognition for students. This month they had their first Laker of the Month, Carson Sleeper, by staff vote. Dr. Downing has gotten some sponsors to provide a small monetary reward, and the Laker of the Month is published in the newspaper and on social media. Ms. Starmer asked what the criteria are for Laker of the Month. Dr. Downing reported that they try to be inclusive of students of all academic levels, and the criteria are based on contributions to the community in a variety of ways. They are toying with the idea of having a recognition at both the middle and high school levels, and having two per month to spread the wealth a little. Ty Gagne came and spoke to middle school. He has written some books about risk and adventures in White Mountains. He had a great discussion that was very candid. The students asked some great questions and it was very powerful. Mr. Gagne may return for a visit to the High School. Dr. Downing reported that the first Principal Advisory Committee meeting was today. There were fourteen people present, including Charles Femia, Linda Otten, and Holly Vieten. It was a positive meeting focused on building communication and cohesiveness. Lastly, Dr. Downing reported that basketball is in full swing, with two varsity games tonight.

D. Math Empowered Overview (Information Item) Mrs. Pappalardo, Curriculum Coordinator

Mrs. Pappalardo presented on Math Empowered. Last summer, we had Carolyn Wooster, the founder of Math Empowered, who designed and facilitates performance-based professional development in the area of math instruction. Carolyn has designed a cohort of state-wide professional development groups. Teachers come from all different districts, which allows teachers to learn from other teachers from outside their own districts and make connections. Sometimes, Carolyn does a model lesson

and teachers can learn observationally. This year we have ten educators, with all three schools represented. (ILES – Amy Sheldon, Angela Marsh, Kathy DeTolla, Craig Carpenter, and Meg Hayman; SCS – Sarah Johnston; ILM/HS – Becca Otis, Jeff Langevin, Ginger Darling, and Sarah Otis.)

Our Dean of Learning, Linda Otten, is in a coaching strand, so she attends the professional development opportunities in a coaching role. Ms. Otten shared a handout of some Math Empowered strategies with Board members. Ms. Otten described the strategies that go along with the handout and emphasized the benefits of these strategies in the classroom. Ms. Otten then shared some teacher feedback about Math Empowered, which was overwhelmingly positive. Teachers find this to be a wonderful help in the classroom for students to engage with math in new ways.

Ms. Pappalardo reports that Math Empowered is a great way to allow teachers to practice and model what we're asking students to model in a safe and collaborative learning environment. Districts that embrace these strategies have seen tangible gains. One district has seen an improvement of 20-25% after engaging with the work after just two school years. Discussion ensued between Ms. Otten, Mr. Baker, and Mrs. Moriarty regarding Math Empowered.

## **XII. NEW BUSINESS**

- A. Proposed Revisions to Program of Studies (Action Item) Dr. Downing, Principal; Ms. Sullivan, ILM/HS Business Teacher; and Ms. Vieten, Director of Guidance

Dr. Downing, Ms. Sullivan, and Ms. Vieten provided the Board with copies of the 2022-2023 Program of Studies and presented their proposed revisions to the Program of Studies. See attached Proposed Course List for detail. Discussion ensued regarding enrollment rates, utilization of staff, and the proposed changes.

Mr. Hanson moved, seconded by Mr. Porter-Zuckerman, to approve the changes to the Program of Studies as presented. The motion carried 7-0.

Mr. Porter-Zuckerman moved, seconded by Mr. Billings, to approve the Program of Studies as presented. The motion carried 7-0.

- B. Donation (Action Item) Mrs. Moriarty

Mrs. Merrill reported a donation of \$500 from Casella Waste System, Inc. to be applied to the Student Activities' Robotics Club (the Lakerbots) and used specifically for future robotics activities.

Mr. Hanson moved, seconded by Mr. Billings, to approve the donation as presented. The motion carried 7-0.

- C. ILM/HS Outing Club Overnight Field Trip (Action Item) Mrs. Moriarty

Mr. Billings presented a field trip request form from the ILM/HS Outing Club. The field trip request, submitted by Tim Hayman, details a winter camping trip for 10 students, 5 male and 5 female, grades 7-12, to build a quinzee (snow shelter). Mr. Billings noted that the teacher in charge should let the police know what date this is happening on.

Mr. Hanson moved, seconded by Mr. Cunningham, to approve the ILM/HS Outing Club Overnight Field Trip as presented. The motion carried 7-0.

**XIII. ADDITIONAL BUSINESS**

- A. Members of the Board  
None
- B. Members of the Administration  
None

**XIV. ANNOUNCEMENTS**

- A. **Tuesday, January 24, 2023**  
Inter-Lakes School Board @ Humiston Building – Conference Room
  - Budget Work Session – 4:30 p.m.
- B. **Tuesday, January 31, 2023**  
Inter-Lakes School Board @ Humiston Building – Conference Room
  - Budget Work Session – 5:30 p.m.
- C. **Wednesday, February 8, 2023**  
Inter-Lakes School Board @ Inter-Lakes Community Auditorium (ILM/HS)
  - Budget Public Hearing– 6:00 p.m.
- D. **Tuesday, February 14, 2023**  
Inter-Lakes School Board @ Humiston Building – Conference Room
  - Regular School Board Meeting – 6:00 p.m.
- E. **Thursday, March 9, 2023**  
Inter-Lakes School Board @ Inter-Lakes Community Auditorium (ILM/HS)
  - Inter-Lakes School District Annual School District Meeting – 6:00 p.m.

**XV. ADDENDUM – NEW BUSINESS**

- A. Technology Infrastructure (Information Item) Mr. Parsons

Mark Parsons, Technology Director, presented on the FY24 Infrastructure Overview and Planning for the Future. Mr. Parsons recommended upgrading access points in FY24 and switches in FY25. He reviewed the importance of firewall protection and recommended an outside security audit through Primex.

A portion of the cost of technology infrastructure replacement will be offset with ERATE reimbursement funds. ERATE is a program from the FCC that was created to try and provide telecommunications to rural environments. Inter-Lakes gets reimbursed for funds spent on technology infrastructure. The technology department hopes to use these funds for access points. There are 125 access points district-wide and they need replacing. The switches will be the next thing that needs replacing.

The district is constantly revolving and replacing devices. Chromebooks, desktops, and laptops are all on separate lease, to keep devices current but also try to keep the budget stable. Many repairs are performed internally.

The projected cost of replacing the access points is \$110,000 for replacement and installation of all units. The projected cost of management of those devices (service, replacement, software upgrades) is just over \$3,000 monthly for five years (fixed).

Access points are eligible for Category 2 ERATE funds. It is not guaranteed, but typically 60% would be reimbursed based on the district's free and reduced numbers. Out of the \$110,000, about \$65,000 would be reimbursed, so the net cost would be



about \$45,000. Mrs. Moriarty noted that the district would have to budget the full amount and offset the reimbursement amount as estimated revenue.

According to ERATE program the district has a total of \$180,000 available. If \$110,000 is used for access points, that leaves \$70,000 for other projects. Switches are very hard to get right now. Mr. Parsons projects that the switches will cost between \$50,000 and \$70,000 before reimbursement. That would be a project for FY25.

Discussion ensued between Mr. Parsons and Board members regarding the costs and benefits of replacing technology infrastructure.

- XVI. NON-PUBLIC SESSION:** RSA 91-A:3 (c): This includes matters which, if discussed in public, would likely affect adversely the reputation of any person, other than a member of this Board, unless such a person requests an open meeting. Mr Billings moved, seconded by Ms. Starmer, to enter a Non-Public session. The roll call vote was as follows:

YES: Mr. Porter-Zuckerman, Ms. Starmer, Mr. Cunningham, Mr. Baker, Mr. Billings, Ms. Merrill, Mr. Hanson

NO: --

The motion passed unanimously.

**Public Session:**

Mr. Hanson moved, seconded by Mr. Porter-Zuckerman, to re-enter Public Session at 8:48 PM. The motion carried 7-0.

- XVII. ADJOURNMENT** (Action Item)

Mr. Billings moved, seconded by Mr. Porter-Zuckerman, to adjourn the meeting at 8:50 P.M. The motion carried 7-0.

Meeting adjourned at 8:50 P.M.

Respectfully submitted,

Heather H. Bullimore, Recording Secretary

# PROGRAM of STUDIES

## 2023 - 2024

### Proposed New Course Additions or Current Course Changes

#### Department of Business - p. 15

##### **\*Course Rework - Economics and Personal Finance (RS) - 1 Credit / Grades 9-12**

Within this combination course, Quarter 1 completes the Economics requirement and Quarter 2 completes the Personal Finance requirement. Economics is the study of how individuals, businesses, and governments make decisions about the use of scarce resources in a world of unlimited wants and needs. This course aims to provide students with a foundational knowledge in economics, so they may become informed consumers, producers, and citizens in a changing world. Students will study the global economy and economics of nations and governments as they attempt to foster growth and stability. We will then take a more personalized focus as students learn how to establish and prioritize their financial goals and decisions they must face related to career exploration, budgeting, banking, credit, insurance, spending, taxes, saving, investing, buying/leasing a vehicle, and living independently. Students are encouraged to make connections between how their personal finances are affected by the greater economy, and how they can prepare to succeed through turbulent times and capitalize in times of growth. This course fulfills the state of New Hampshire graduation requirements for both Economics and Personal Finance. Students will have the opportunity to participate in the FinLit300 Personal Finance State Competition. (RS) *Running Start dual credit course, eligible students may earn three college credits from Lakes Region Community College.*

##### **\*New Course - Personal Finance - .5 Credit / Grades 11-12 (Temporary)**

Students will learn how to establish and prioritize their financial goals and decisions they must face related to career exploration, budgeting, banking, credit, insurance, spending, taxes, saving, investing, buying/leasing a vehicle, and living independently. Students are encouraged to make connections between how their personal finances are affected by the greater economy, and how they can prepare to succeed through turbulent times and capitalize in times of growth. This course fulfills the state of New Hampshire graduation requirements for Personal Finance.

##### **\*New Course - Law Essentials - 1 Credit/ Grades 10-12**

"It depends." - The answer to every question ever posed in law school. Law for Business & Personal Use will prepare students to cultivate their analytical and critical thinking skills, become responsible citizens, understand legal vocabulary, learn rules for business and personal relations, identify situations which require professional assistance, and prepare them to utilize such assistance. Areas of study include the U.S. Constitution, our system of courts, criminal and tort law, contracts, and employee/employer relations. Intense discussions and debates will revolve around case studies and trials including ethics, contracts, property law, crimes and torts. Major components of this course include classroom debates, participating in mock trials, and written preparation of law briefs.

### Department of English - page 17

#### ***\*New Course - Mass Media: Laker News - 1 Credit/ Grades 9-12***

Mass Media is a course designed for students who are interested in understanding all aspects of print and digital media. Continued discussion of the importance of mass media and dissemination of information will be assessed. Critical reading of a variety of texts, as well as news and literary non-fiction writing will be a focus. Students will work toward a school-wide publication.

### Department of Math - p. 23

#### ***\*Course Maintenance Request- Maintain full year math for Grade 9 in Algebra 1A, Algebra 1, Algebra 1 Honors***

#### ***\*Course Rework - Honors & Advanced Placement Calculus 1-2 Credits / Grades 11-12***

Honors Calculus for one semester or Advanced Placement Calculus for two semesters covers the theory and practical applications of both Differential and Integral Calculus. The AP Calculus course prepares students to take the AP test in May. The course must move at a pace consistent with this schedule. Advanced Placement Calculus will be offered over two (2) semesters. (Note: The required technology graduation requirement is embedded within this course.)  
***Prerequisite: BP or above in Pre-Calculus and teacher recommendation. Note: All students who take an AP course must take the AP exam as a course requirement.***

### Department of Science - p. 30

***\*Course Rework - Offer Advanced Biology and Advanced Chemistry every other year***

### Department of STEAM - p. 34

#### ***\*New Course - Power Equipment/ Small Engine Repair II - 1 credit / Grades 10-12***

Power Equipment Maintenance and light Repair - Regular maintenance and service is part of keeping power equipment in operating condition. This course provides tune up procedures and schedules for small 2-stroke and 4-stroke engines. Students learn to change spark plugs, filters and oil as well as to troubleshoot, maintain and repair fuel and ignition systems. This course is an authentic, hands on experience as students will be responsible for performing safe and accurate maintenance and repair on customer power equipment. Prerequisite: Small Engines 1

#### ***\*Course Rework - Intro to Computer Science through Games (formerly titled Game Design & Development) - .5 credit / Grades 9-12***

This course introduces computer science in an engaging and creative way and provides computational thinking skills of programming, algorithm development, simulation, and data analysis that can be utilized in other classes. Students will learn to create computer programs,

collaborate with others, develop problem-solving skills, and work on various tasks. Through the designing and building of their own games, students will have the opportunity to demonstrate their knowledge of game theory, animated sprite creation, coding, testing, and debugging. Through the use of physical computing devices such as micro:bits and circuit playgrounds students will use LEDs and motors to create hands-on projects.

# PROGRAM of STUDIES

## 2023 - 2024

### Proposed Course Deletions

#### Department of Family & Consumer Science - p. 21

##### ***\*Remove - Child Development - .5 Credit / Grades 9-12***

This course is highly recommended for students interested in a career in Elementary Education, Early Childhood Education, working with small children, or for students interested in learning effective parenting skills. The emphasis of this class is on parenting, pregnancy and the newborn through middle level years. Social, emotional, physical, and mental development through the middle years are examined. Special topics might include nutrition, learning disabilities, genetic disorders, community resources, and educational strategies. Activities in class might include visiting preschool and other educational environments when available.

##### ***\*Remove - Living on Your Own - .5 credit / Grades 11-12***

This course offers students practical information designed to help them acquire the skills necessary for living independently. Students develop and apply skills used in making wise decisions. Topics include developing SMART goals, facing life challenges, household management, budgeting, financial literacy, employment, nutrition, and interpersonal relationships. Students will participate in low-cost nutritional cooking activities once a week.

##### ***\*Remove - Interior/Textile Design - .5 credit / Grades 9-12***

This course will serve as an introduction to math and art principles related to interior design. Topics include residential, office, retail and hospitality design needs and space planning. Design principles, building codes and standards, the Life Safety Code and textile materials and components will be studied. Course work will include the use of a design software program, note taking, writing assignments and projects. Self-management and organization are an important component of the program due to the large percentage of individualized work. A final culminating project will be due at the end of the quarter.

#### Department of Math - p. 23

##### ***\*Remove - Foundations of Math - 2 Credits / Grades 9-12***

Foundations of Math helps students increase their basic mathematical skills by reviewing key competencies from grades 5-8, in turn they'll be more efficient in their math courses, science courses, and everyday life. Foundations of Math also focuses on using math tools for problem solving, practicing executive functioning skills to help with organization, and improving perseverance skills through encouragement, a growth mindset, communication, collaboration, and critical thinking.

**Department of STEAM - p. 34**

***\*Remove - Power and Energy - .5 credit / Grades 9-12***

This class will be project-based, with a hands-on approach to understanding what our primary energy sources are and where they come from. Additionally, students will learn about the effect of energy use on the environment and what we can do to make a positive impact. Focus will be on possible future energy sources such as wind, solar, biomass, alternative fuels, etc

***\*Remove - Game Design and Development - .5 credit / Grades 9-12***

This course is designed to allow students the opportunity to build their own video games. Through the completion of tutorials, students will gain a foundation in how to code games. In addition, by exploring game design theory, students will gain a deeper understanding of what makes a game fun to play. Through the designing and building of their own games, students will have the opportunity to demonstrate their knowledge of game theory, animated sprite creation, coding, testing, and debugging.