

# MIDDLE SCHOOL PROGRAM OF STUDIES 2019-2020

THIS DRAFT CONTAINS ALL COURSES APPROVED BY THE SCHOOL BOARD FROM THE CURRICULUM COUNCIL AS OF MARCH 2019. ALL COURSES MAY NOT BE OFFERED AT ALL MIDDLE SCHOOLS.



**Office of Instruction**

501 N. Gulkana Street

Palmer, AK 99645

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# MSBSD Middle School Listings

<b>Academy Charter School</b> .....746-2358 801 E Arctic, Palmer	<b>Mat-Su Day School</b> ..... 864-6000 2360 N Tait Drive, Wasilla
<b>American Charter Academy</b> .....352-0150 244 S Sylvan Suite #110, Wasilla	<b>Mat-Su Secondary School</b> .....761-7238 581 S Outer Springer Loop, Palmer
<b>Beryozava</b> .....495-9390 29297 Beryozova Road, Willow	<b>Midnight Sun Family Learning Center</b> .....357-6786 7275 W Midnight Sun Circle, Wasilla
<b>Birchtree Charter School</b> .....745-1831 7107 E Palmer Wasilla Highway, Palmer	<b>Palmer Jr. Middle</b> .....761-4300 1159 South Chugach, Palmer
<b>Colony Middle</b> .....761-1500 9250 E Bogard Road, Palmer	<b>Redington Sr. JR/SR High</b> .....864-5400 10015 Redington Road, Wasilla
<b>Fronteras Spanish Immersion</b> .....376-2223 2315 N Seward Meridian Parkway, Wasilla	<b>Su-Valley Jr/Sr High</b> .....733-9300 42728 S Parks Highway, Talkeetna
<b>Glacier View School</b> .....861-5650 65975 S Wolverine Circle, Sutton	<b>Teeland Middle</b> .....352-7500 2788 N Seward Meridian Parkway, Wasilla
<b>Houston Jr./Sr. High</b> .....892-9400 12501 W Hawk Lane, Houston	<b>Twindly Bridge Charter School</b> .....376-6680 141 E Seldon Road, Wasilla
<b>Mat-Su Central School</b> .....352-7450 600 E Railroad Avenue, Suite #6, Wasilla	<b>Wasilla Middle</b> .....352-5300 650 Bogard Road, Wasilla

“Open enrollment” means that a school accepts boundary exception requests from all MSBSD students who reside outside their boundaries, based on whether they have staffing and capacity. Since they receive over 200 boundary exception requests each year, boundary requests submitted before April 1 each spring have the best chance of being accepted. Students from out-of-boundary must provide their own transportation, however.

## Academy Charter School

**K-8<sup>th</sup>**



Academy Charter is a K-8 school based on the Core Knowledge curriculum, founded by E.D. Hirsch. We have increased our school day accommodate a 105-minute rotating lab and intensive learning formats. We require teacher subject-area specialization. We accelerate learning in Math and Language Arts by grouping students based on their ability. Language and Physical Fitness is part of all student's education, specifically Spanish and Tae Kwon Doe. We require parent participation, which is vital for student success.

## American Charter Academy

**K-12<sup>th</sup>**



American Charter offers classes that are taught using a standards-based model of education, which allows students to work at their knowledge level instead of at a grade level. The standards-based model requires students to master each standard within a level before moving on to the next level.

## Beryozava

**K-12<sup>th</sup>**



A unique school offering a core educational program in a small community setting for students in grades K-12. Students receive instruction daily in both Russian and English, and follow an alternate school calendar designed through parent and community input. Students receive individual attention by experienced staff to increase their academic skills and pursue their individual life goals.

## Birchtree Charter School

**K-8<sup>th</sup>**



Birchtree Charter School is a K-8 public school inspired by the methods of Waldorf education. In our school we use art, music, movement, and the teaching of foreign languages to support and enhance the study of reading, writing, history, science, and mathematics. Each day at Birchtree includes activities for a child's hands, heart, and head. In addition to meeting the academic standards of the State of Alaska, we are dedicated to helping our students develop academically, physically, socially, and emotionally.

## Colony Middle

**6<sup>th</sup>-8<sup>th</sup>**



Colony Middle School is one of the larger middle schools in the district. We offer a wide variety of learning opportunities to meet the many diverse and unique needs of the adolescent learner. We have a first rate writing and arts program. Our school has published two books titled, *With These Hearts and Hands: Journeys of the Colony Middle School Knight Writers*. We also have a strong math and science program, which includes high school level courses in math and a STEM class for students to pursue a strong science, technology, engineering and math track. We offer physical education to our students on a daily basis. One of our claims to fame is our connections program which offers courses that students choose or are placed in, based on their interests and needs. Students are offered additional time and support during this time or are offered enrichment opportunities. Everything we do at CMS is structured around student success, because we are here to make great things happen for young adolescents.

## **Fronteras Spanish Immersion**

**K-6<sup>th</sup>**



Fronteras Spanish Immersion Charter School is a public charter school offering academics in both English and Spanish. Along with traditional academic studies, our students focus on community service in both their home district as well as abroad. Fronteras utilizes APEX in order to help students earn high school credit. Our eighth grade students travel to Puerto Rico bringing gifts of educational support through various fundraising events. By using four social standards (Be respectful, Show Integrity, Be Self-Disciplined, and Engage in your academics), Fronteras students thrive both in school and in their community.

## **Glacier View School**

**K-12<sup>th</sup>**



Glacier View School offers students an exemplary education in an extraordinary setting. Ranging from Kindergarten to 12th grade, our students have the opportunity to work in small, multi-grade classrooms which facilitate a low student to teacher ratio, as well as ample opportunity for peer support. Located at Milepost 104 on the Glenn Highway, Glacier View School is nestled between the Chugach and Talkeetna Mountain Ranges. The school services families from Chickaloon (Milepost 76) to Mendeltna (Milepost 143.) and provides public Kindergarten through 12th grade education.

## **Houston Jr./Sr. High**

**6<sup>th</sup>-12<sup>th</sup>**



Houston Jr./Sr. High School will ensure every day is a HAWKS day. We will exhibit Honesty and integrity in everything we do. We will model a positive and supportive Attitude as we face the challenges of life. Our strong Work ethic will enable everyone to reach their potential. These actions will provide the foundation for the Knowledge and skills that will be learned, all of which will lead to Success as an individual and school.

## **Mat-Su Central School**

**K-12<sup>th</sup>**



MSCS provides all the benefits of home schooling and distance delivery education, plus professional and personal support through a blended learning model. We offer local, individualized, and flexible programs for Kindergarten through 12th grade with accredited high school courses, and 40 years of experience serving Mat-Su students. Visit [matsucentral.org](http://matsucentral.org) for more information.

## **Mat-Su Day School**

**K-12<sup>th</sup>**



Mat-Su Day School is a transition school for students with an IEP or a 504 Plan. This is not a school of choice for students or parents – IEP team decisions place students here. We serve students with behavioral challenges who needs are met in a small, structured school setting where they can develop the skills needed to transition to a more traditional school. We also provide educational services for students who have been placed on a long-term suspension, or expulsion, from another school.

## **Mat-Su Secondary School**

**K-12<sup>th</sup>**



Mat-Su Secondary School is a secure detention unit school which provides a way for students to continue earning high school credits and helps with their transition back into the district and/or into treatment. The school follows Alaska State and Mat-Su School District guidelines and works on credit recovery and strengthening core skills.

## **Midnight Sun Family Learning Center**

**K-8<sup>th</sup>**



Midnight Sun Charter School is located about 60 miles north of Anchorage, Alaska, on the Parks Highway north of Wasilla, Alaska. Our Charter School first opened its doors in September of 1998. Presently we enroll 164 students. We have three multi-age primary classroom with twenty one students each, four multi-age classrooms, spanning grades 2 through 8, with 25 students each. Our family oriented emphasis allows siblings to learn together. Our multi-age structure allows children to learn at their own developmental pace. Our content-rich academic program is integrated with Core Knowledge concepts, and steeped in technology. Presently our staff consists of 8 teachers, 10 classroom support personnel, an administrative secretary and an advisor. Midnight Sun provides an opportunity for parents to have a hands-on involvement in the structure and operation of the school. Research shows parent/family involvement directly correlates to student achievement.

## **Palmer Jr. Middle**

**6<sup>th</sup>-8<sup>th</sup>**



Palmer Junior Middle School was built in 1953; we proudly continue to serve the Palmer community as we prepare our students to be responsible, contributive citizens. PJMS offers a rigorous learning environment where staff members go above and beyond to meet their students' needs including top-notch academics, robust intervention, exceptional after-school offerings, award-winning athletics, and our CLIMB program in which kids are celebrated for being responsible students. In addition, we are proud to be a service-based school where students generate thousands of dollars for their community each year which is donated to organizations such as The American Red Cross, Special Santa, and Relay for Life. Go MOOSE!

## **Redington Sr. JR/SR High**

**6<sup>th</sup>-12<sup>th</sup>**



The new Joe Redington Sr. JR/SR High School opened in fall of 2015 for grades 6-10, with 11 and 12 grades being added over the next two years. Redington Sr. JR/SR High School is committed to frequent two-way communication with families regarding your student's learning. A Family-School Compact for Achievement is an agreement that parents, students, and teachers develop together. It explains how parents and teachers will work together to make sure all our students reach or exceed grade-level standards.

## **Su-Valley Jr/Sr High**

**6<sup>th</sup>-12<sup>th</sup>**



The small size of the student population provides the opportunity for students, staff, and parents to develop closer relationships that contribute to a family atmosphere in the building. We strive to develop close relationships with our students and promote an environment where everybody knows your name and wants you to achieve your individual best. Despite our size, Su Valley offers many of the same courses offered in the larger MSBSD schools as well as a wide range of extracurricular sports and club activities. Enrollment is open to all students who reside in the Mat-Su Borough and are not enrolled in another public school.

## **Teeland Middle**

**6<sup>th</sup>-8<sup>th</sup>**



Teeland Middle School since its opening in 2001 has been committed to excellence in citizenship, academics, and connecting with the community. We place a heavy emphasis on developing students who demonstrate Service, Tolerance, Responsibility, Integrity, Vision and Effort. Students STRIVE for excellence in a variety of ways. We are home to an internationally recognized School Design Team. For over a decade, we have reigned as the Science Olympiad state champions and we host a STEM Academy that is dedicated to establishing engineering habits of the mind. We are dedicated to ensuring that all students are challenged academically. Also, we encourage students to be connected to the school by participating in an extra-curricular activity either academically or athletically.

## **Twindly Bridge Charter School**

**K-12<sup>th</sup>**



Twindly Bridge Charter School is a K-12 program that implements support, resources and opportunities for homeschooling families. With the help of a TBCS advisor, homeschool parents design and manage their student's education. Students may work entirely at home or they can participate in supplementary instruction held in the school's classrooms, gym, labs, as well as other educational institutions and community venues. TBCS continually seeks resources for home school students through developing partnerships with community members and organizations. We strive to build a bridge between home, school and community learning.

## **Wasilla Middle School**

**6<sup>th</sup>-8<sup>th</sup>**



As the largest middle school in the Mat-Su, WMS celebrates offering individualized schedules for all students based on their specific needs. We are one of two ANSEP middle schools in the valley and take great pride in celebrating our many types of student diversity. In our building, Braves are taught to be "Respectful, Responsible and Relentless, as students with integrity." We teach and model these characteristics for our students to ensure a safe and civil school for all.

# Language Arts

## English 1101/1102 1100

**Prerequisite:** Teacher Recommendation

**Grade:** 8

English I is a comprehensive course that introduces the skills necessary to analyze and evaluate literature and/or evidence while emphasizing substantiating support in an argument for the young adolescent. The English I student will identify and analyze author's intent for utilizing literature elements, devices, and tone. The course includes a variety of longer compositions including deeper revisions for style, tone, subtlety and transitions. The conventions of English are applied to increase the sophistication of sentence fluency. Proficient skills in the mechanics of the language are necessary in English I. Content vocabulary is significantly increased. The English I student will also experience impromptu speaking, advanced discussions, and reads aloud. High School English credit may be earned for this course.

## Fundamentals of Language Arts 6 016010/20 016000

**Prerequisite:** Active IEP/RTI

**Grade:** 6

This course content, as much as possible, parallels that offered in the 6<sup>th</sup> grade Language Arts. The course goals are geared to the individual needs of the students and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards.

## Fundamentals of Language Arts 6-8 015010/015020 015000

**Prerequisite:** None

**Grade:** 6-8

This course content uses evidence based instructional materials designed to meet the needs of students whose reading achievement is below grade-level proficiency. The course goals are geared towards the individual needs of students to work toward IEP/RTI goals and objectives based upon Alaska State Standards. *Apvd 05/22/19*

## Fundamentals of Language Arts 7 017010/20 017000

**Prerequisite:** Active IEP/RTI

**Grade:** 7

This course content, as much as possible, parallels that offered in the 7<sup>th</sup> grade Language Arts. The course goals are geared to the individual needs of the students and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards.

## Fundamentals of Language Arts 8 018010/20 018000

**Prerequisite:** Active IEP/RTI

**Grade:** 8

This course content, as much as possible, parallels that offered in the 8<sup>th</sup> grade Language Arts. The course goals are geared to the individual needs of the students and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards.

## Language Arts 6 160010/160020 160000

**Prerequisite:** None

**Grade:** 6

6<sup>th</sup> grade Language Arts covers the 6<sup>th</sup> grade curriculum emphasizing the identification and the importance of the elements of literature. Writing instruction and assessment will be based on the 6+1 writing traits. Students will master the multi-paragraph essay and practice a variety of compositions to inform and describe and persuade and entertain. A research project will be completed. The conventions of English will be applied to increase sentence fluency. Skills in the mechanics of the English language are studied and practiced throughout the course. Content vocabulary is increased using a variety of vocabulary strategies. The 6<sup>th</sup> grade Language Arts student will develop their skills in clear oral expression and alert listening.

## Language Arts 6, Advanced 163010/163020 163000

**Prerequisite:** Teacher Recommendation and Assessment Qualification

**Grade:** 6

Advanced Language Arts 6 provides high achieving students the opportunity to study in-depth, several major literacy works, vocabulary, grammar, semantics, logic and rhetoric; to develop their skills in expository writing, careful reading, clear oral expression, and alert listening.

## Language Arts 7 170010/170020 170000

**Prerequisite:** None

**Grade:** 7

7<sup>th</sup> grade English is a Language Arts course which covers the 7<sup>th</sup> grade curriculum emphasizing the evaluation of the importance of the elements of literature. Writing instruction and assessment will be based on the 6+1 writing traits. Students are introduced to the 5-paragraph essay and practice a variety of compositions to inform and describe and persuade. Personal narratives will be included. A research project will be completed. The conventions of English will be applied to increase sentence fluency. Skills in the mechanics of the English language are studied and practiced throughout the course. Content vocabulary is increased using a variety of vocabulary strategies.

The 7<sup>th</sup> grade Language Arts student will develop their skills in clear oral expression and alert listening.

## Language Arts 7, Advanced 173010/173020 173000

**Prerequisite:** Teacher Recommendation and Assessment Qualification

**Grade:** 7

Advanced Language Arts 7 provides high achieving students the opportunity to study in-depth, several major literature works, vocabulary, grammar, semantics, logic and rhetoric; to develop their skills in expository writing, careful reading, clear oral expression, and alert listening.

**Language Arts 8** **180010/180020**  
**180000**

**Prerequisite:** None

**Grade:** 8

8th grade Language Arts covers the 8th grade curriculum emphasizing the evaluation and analysis of the importance of the elements of literature. Writing instruction and assessment will be based on the 6+1 writing traits. Students will master the 5 paragraph essay and practice a variety of compositions to inform, describe, and persuade. A research project will be completed. The conventions of English will be applied to increase sentence fluency. Skills in the mechanics of the English language are studied and practiced throughout the course. Content vocabulary is increased using a variety of vocabulary strategies.

The 8th grade English student will develop their skills in clear oral expression and alert listening.

**Language Arts 8, Advanced** **83010/183020**  
**183000**

**Prerequisite:** Teacher Recommendation and  
Assessment Qualification

**Grade:** 8

Advanced 8th grade Language Arts covers the 8th grade curriculum at an advanced and accelerated rate. Emphasis will be on analysis and evaluation of the importance of the elements of literature. Writing instruction and assessment will be based on the 6+1 writing traits. Students will master the 5 paragraph essay as well as a variety of compositions to inform, describe, and persuade. A research project will be completed. The conventions of English will be applied to increase the sophistication of sentence fluency. Proficient skills in the mechanics of the language are stressed in Advanced English. Content vocabulary is significantly increased. The Advanced 8<sup>th</sup> grade English Student will develop their skills in clear oral expression and alert listening.

**Language Arts, Daily Living Skill** **091010/091020**  
**091000**

**Prerequisite:** Active IEP/RTI

**Grade:** 6-8

The focus of this course will be on daily living skills relating to Language Arts and communication skills. This course is designed to meet the individual needs of the students in the area of language arts, and help the student to work toward IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

**Life Skills Language Arts 6** **031610/20**  
**031600**

**Prerequisite:** Active IEP/RTI

**Grade:** 6

The focus of this course will be on Language Arts skills needed for everyday living. This course is designed to meet the individual needs of the students, and help the students to work toward IEP/RTI goals and objectives based upon the Alaska State Standards and/or Alternate Standards.

**Life Skills Language Arts 7** **031710/20**  
**031700**

**Prerequisite:** Active IEP/RTI

**Grade:** 7

The focus of this course will be on Language Arts skills needed for everyday living. This course is designed to meet the individual needs of the students, and help the students to work toward IEP/RTI goals and objectives based upon the Alaska State Standards and/or Alternate Standards.

**Life Skills Language Arts 8** **031810/20**  
**031800**

**Prerequisite:** Active IEP/RTI

**Grade:** 8

The focus of this course will be on Language Arts skills needed for everyday living. This course is designed to meet the individual needs of the students, and help the students to work toward IEP/RTI goals and objectives based upon the Alaska State Standards and/or Alternate Standards.

**Life Skills Reading 6** **030610/030620**  
**030600**

**Prerequisite:** Active IEP/RTI

**Grade:** 6

The focus of this course will be on reading skills needed for everyday living. This reading course is designed to meet the individual needs of the students and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

**Life Skills Reading 6-8** **030510/030520**  
**030500**

**Prerequisite:** Active IEP/RTI

**Grade:** 6-8

The focus of this course will be on reading skills needed for everyday living. This reading course is designed to meet the individual needs of the students and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

**Life Skills Reading 7** **030710/030720**  
**030700**

**Prerequisite:** Active IEP/RTI

**Grade:** 7

The focus of this course will be on reading skills needed for everyday living. This reading course is designed to meet the individual needs of the students and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

**Life Skills Reading 8** **030810/030820**  
**0308000**

**Prerequisite:** Active IEP/RTI

**Grade:** 8

The focus of this course will be on reading skills needed for everyday living. This reading course is designed to meet the individual needs of the students and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.



**READ 180** **105010/105020**  
**105000**

**Prerequisite:** Teacher or counselor recommendation and a score below the 25% on the spring MAP reading assessment.

**Grade:** 6-8

**Credit:** 1.0

READ 180 is an intensive reading intervention program designed to meet the needs of students whose reading achievement is below the proficient level. The program directly addresses individual needs through adaptive and instructional software, high-interest literature and direct instruction in reading skills. This course is intended for students who are below grade level in reading and below proficient on the SBA. Read 180 & System 44 use: 104010/102020

**Reading 6** **106010/106020**  
**106000**

**Prerequisite:** None

**Grade:** 6

This course will focus on word attack skills; vocabulary; comprehension using reading material with a wide range of syntax, format, content, sentence types, and conventions; and reading fluency. Literacy elements and terms, genre, and strategies for reading between and beyond the lines of basic comprehension will be covered in reading courses where students are reading at or above grade level.

**Reading 7** **107010/107020**  
**107000**

**Prerequisite:** None

**Grade:** 7

This course will focus on word attack skills; vocabulary; comprehension using reading material with a wide range of syntax, format, content, sentence types, and conventions; and reading fluency. Literacy elements and terms, genre, and strategies for reading between and beyond the lines of basic comprehension will be covered in reading courses where students are reading at or above grade level.

**Reading 8** **108010/108020**  
**108000**

**Prerequisite:** None

**Grade:** 8

This course will focus on word attack skills; vocabulary; comprehension using reading material with a wide range of syntax, format, content, sentence types, and conventions; and reading fluency. Literacy elements and terms, genre, and strategies for reading between and beyond the lines of basic comprehension will be covered in reading courses where students are reading at or above grade level.

**Reading, Daily Living Skill** **090010/090020**  
**090000**

**Prerequisite:** Active IEP/RTI

**Grade:** 6-8

The focus of this course will be on reading skills needed for everyday living. This course is designed to meet the individual needs of the students in the area of reading, and help the student to work toward IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

**Reading, Fundamentals of 6** **006010/006020**  
**006000**

**Prerequisite:** Active IEP/RTI

**Grade:** 6

This course is designed for students who need to develop reading comprehension, verbal visualization, and word attack skills. It is an in-depth course used to increase the students' reading skills. Students will work toward their IEP/RTI goals and objectives based upon Alaska State Standards.

**Reading, Fundamentals of 7** **007010/007020**  
**007000**

**Prerequisite:** Active IEP/RTI

**Grade:** 7

This course is designed for students who need to develop reading comprehension, verbal visualization, and word attack skills. It is an in-depth course used to increase the students' reading skills. Students will work toward their IEP/RTI goals and objectives based upon Alaska State Standards.

**Reading, Fundamentals of 8** **008010/008020**  
**008000**

**Prerequisite:** Active IEP/RTI

**Grade:** 8

This course is designed for students who need to develop reading comprehension, verbal visualization, and word attack skills. It is an in-depth course used to increase the students' reading skills. Students will work toward their IEP/RTI goals and objectives based upon Alaska State Standards.

**Reading Skills 6** **106310/106320**  
**106300**

**Prerequisite:** None

**Grade:** 6

This course is designed as an intervention course to provide direct instruction in the skill areas of the Alaska State Performance Reading standards the student is below proficiency in, as indicated by the Alaska State Benchmark Exams, Terra Nova testing, and teacher recommendation. The recommended class size of this course is 12 students.

**Reading Skills 6-8** **105310/105320**  
**105300**

**Prerequisite:** None

**Grade:** 6-8

This course is designed as an intervention course to provide direct instruction in the skill areas of the Alaska State Performance Reading standards the student is below proficiency in, as indicated by the Alaska State Benchmark Exams, Terra Nova testing, and teacher recommendation. The recommended class size of this course is 12 students.

**Reading Skills 7** **107310/107320**  
**107300**

**Prerequisite:** None

**Grade:** 7

This course is designed as an intervention course to provide direct instruction in the skill areas of the Alaska State Performance Reading standards the student is below proficiency in, as indicated by the Alaska State Benchmark Exams, Terra Nova testing, and teacher recommendation. The recommended class size of this course is 12 students.



**Reading Skills 8** **108310/108320**  
**108300**

**Prerequisite: None**

**Grade: 8**

This course is designed as an intervention course to provide direct instruction in the skill areas of the Alaska State Performance Reading standards the student is below proficiency in, as indicated by the Alaska State Benchmark Exams, Terra Nova testing, and teacher recommendation. The recommended class size of this course is 12 students.

**Fundamentals of Writing 6** **011610/011620**  
**011600**

**Prerequisite: Active IEP/RTI**

**Grade: 6**

This course is designed for students who need to acquire basic writing skills. The focus will be on writing mechanics and grammar. Students will learn to formulate a sentence, paragraph, composition and letter. As much as possible, the course content will parallel writing in the Language Arts class. Students will work toward their IEP/RTI goals and objectives based upon Alaska State Standards.

**Fundamentals of Writing 7** **011710/011720**  
**011700**

**Prerequisite: Active IEP/RTI**

**Grade: 7**

This course is designed for students who need to acquire basic writing skills. The focus will be on writing mechanics and grammar. Students will learn to formulate a sentence, paragraph, composition and letter. As much as possible, the course content will parallel writing in the Language Arts class. Students will work toward their IEP/RTI goals and objectives based upon Alaska State Standards.

**Fundamentals of Writing 8** **011810/011820**  
**011800**

**Prerequisite: Active IEP/RTI**

**Grade: 8**

This course is designed for students who need to acquire basic writing skills. The focus will be on writing mechanics and grammar. Students will learn to formulate a sentence, paragraph, composition and letter. As much as possible, the course content will parallel writing in the Language Arts class. Students will work toward their IEP/RTI goals and objectives based upon Alaska State Standards.

**Writing Skills 6** **13610/13620**  
**13600**

**Prerequisite: None**

**Grade: 6**

This course is designed to provide direct instruction in the skill areas of the Alaska State Writing Performance standards the student is below proficiency in, as indicated by the Alaska State Benchmark Exams, Terra Nova testing, and teacher recommendation. The recommended class size of this course is 12 students.

**Writing Skills 6-8** **103510/103520**  
**103500**

**Prerequisite: None**

**Grade: 6-8**

This course is designed to provide direct instruction in the skill areas of the Alaska State Writing Performance standards the student is below proficiency in, as indicated by the Alaska State Benchmark Exams, Terra Nova testing, and teacher recommendation. The recommended class size of this course is 12 students.

**Writing Skills 7** **13710/13720**  
**13700**

**Prerequisite: None**

**Grade: 7**

This course is designed to provide direct instruction in the skill areas of the Alaska State Writing Performance standards the student is below proficiency in, as indicated by the Alaska State Benchmark Exams, Terra Nova testing, and teacher recommendation. The recommended class size of this course is 12 students.

**Writing Skills 8** **13810/13820**  
**13800**

**Prerequisite: None**

**Grade: 8**

This course is designed to provide direct instruction in the skill areas of the Alaska State Writing Performance standards the student is below proficiency in, as indicated by the Alaska State Benchmark Exams, Terra Nova testing, and teacher recommendation. The recommended class size of this course is 12 students.

# Math

## Algebra 1 2121/2122 2120

**Prerequisite:** Teacher Recommendation and  
**Assessment Qualification**  
**Grade:** 8

Algebra 1 is the foundation for high school and college mathematics courses. Skills will cover the basic operations of real numbers, solving equations with one or two variables, inequalities, factoring polynomials, functions and their graphs, rational and irrational expressions, quadratic equations, problem solving, basic statistics and probability. High school math credit may be earned for this course.

## Algebra 2 2321/2322 2320

**Prerequisite:** Geometry  
**Grade:** 8

Algebra 2 is a rigorous college preparatory course which includes an in-depth review of topics presented in Algebra 1. Emphasis is placed on writing and solving linear equations and inequalities, solving simultaneous equations and inequalities, exponents and radicals, matrices, complex numbers, conic sections, graphing, analyzing, and interpreting functions including polynomial, rational, radical, exponential, and logarithmic functions. High school math credit may be earned for this course.

## Daily Living Skills Math 092010/092020 092000

**Prerequisite:** Active IEP/RTI  
**Grade:** 6-8

The focus of this course will be on daily living skills relating to math. This course is designed to meet the individual needs of the student in the area of reading and help the student to work toward IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

## Fundamentals of Math 6 026010/026020 026000

**Prerequisite:** Active IEP/RTI  
**Grade:** 6

This course is intended to meet the individual needs of students who lack skills necessary to succeed in the regular math course. This course content, as much as possible, parallels that offered in a regular math course. The course goals are geared to the individual needs of the students, and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards.

## Fundamentals of Math 6-8 025xxx/025xxx 025000

**Prerequisite:** None  
**Grade:** 6-8

This course is intended to meet the individual needs of students who lack skills necessary to succeed in the regular math course. This course content, as much as possible, parallels that offered in a regular math course. The course goals are geared to the individual needs of the students, and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards.

025010/025020 Fundamentals of Math 6-8 Level 1  
025030/025040 Fundamentals of Math 6-8 Level 2  
025050/025060 Fundamentals of Math 6-8 Level 3

*Apvd 05/22/19*

## Fundamentals of Math 7 027010/027020 027000

**Prerequisite:** Active IEP/RTI  
**Grade:** 7

This course is intended to meet the individual needs of students who lack skills necessary to succeed in the regular math course. This course content, as much as possible, parallels that offered in a regular math course. The course goals are geared to the individual needs of the students, and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards.

## Fundamentals of Math 8 028010/028020 028000

**Prerequisite:** Active IEP/RTI  
**Grade:** 8

This course is intended to meet the individual needs of students who lack skills necessary to succeed in the regular math course. This course content, as much as possible, parallels that offered in a regular math course. The course goals are geared to the individual needs of the students, and help the students to work toward IEP/RTI goals and objectives based upon Alaska State Standards.

## Geometry 2221/2222 2220

**Prerequisite:** Algebra 1  
**Grade:** 8

Geometry is the study of Euclidian geometry and the deductive reasoning processes as applied to points, lines, planes and various two and three dimensional figures. Topics include proofs, parallel and perpendicular lines, angles, polygons, circles, relationships between geometric figures, construction, areas, and volume. High school math credit may be earned for this course.

**KEMS Lab** **205010/205020****205000****Prerequisite:** Concurrent enrollment in another math class and an identified deficiency as measured by teacher recommendation, SBAs and MAP.**Grade:** 6-8

Key Elements of Math Success Lab is designed to help students to strengthen critical mathematics skills as described in the Alaska State Standards. District approved materials will be used. The class will be devoted to providing structured lessons to pre-teach concepts in their current math class.

**Life Skills Math 6** **032610/032620****032600****Prerequisite:** Active IEP/RTI**Grade:** 6

These courses are designed to meet the needs of students requiring basic math skills. These skills will include calculator skills, consumer skills, and math skills needed for everyday living. These courses are designed to meet the individual needs of the students and will help the students to work toward their IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

**Life Skills Math 6-8** **032510/032520****032500****Prerequisite:** Active IEP/RTI**Grade:** 6-8

These courses are designed to meet the needs of students requiring basic math skills. These skills will include calculator skills, consumer skills, and math skills needed for everyday living. These courses are designed to meet the individual needs of the students and will help the students to work toward their IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

**Life Skills Math 7** **032710/032720****032700****Prerequisite:** Active IEP/RTI**Grade:** 7

These courses are designed to meet the needs of students requiring basic math skills. These skills will include calculator skills, consumer skills, and math skills needed for everyday living. These courses are designed to meet the individual needs of the students and will help the students to work toward their IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

**Life Skills Math 8** **032810/032820****032800****Prerequisite:** Active IEP/RTI**Grade:** 8

These courses are designed to meet the needs of students requiring basic math skills. These skills will include calculator skills, consumer skills, and math skills needed for everyday living. These courses are designed to meet the individual needs of the students and will help the students to work toward their IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

**Math 180 6** **206010/206020****206000****Prerequisite:** RTI Placement**Grade:** 6

Math 180 is an intensive Mathematics intervention program designed to meet the needs of students whose Math achievement is below the proficient level. The program directly addresses individual needs through adaptive and instructional software, high-interest problem solving, and direct instruction in Mathematics. This course is intended for students who are significantly below grade level as measured on MAP or SBA/AMP.

**Math 180 6-8** **205510/205520****205500****Prerequisite:** RTI Placement**Grade:** 6-8

Math 180 is an intensive Mathematics intervention program designed to meet the needs of students whose Math achievement is below the proficient level. The program directly addresses individual needs through adaptive and instructional software, high-interest problem solving, and direct instruction in Mathematics. This course is intended for students who are significantly below grade level as measured on MAP or SBA/AMP.

**Math 180 7** **207010/207020****207000****Prerequisite:** RTI Placement**Grade:** 7

Math 180 is an intensive Mathematics intervention program designed to meet the needs of students whose Math achievement is below the proficient level. The program directly addresses individual needs through adaptive and instructional software, high-interest problem solving, and direct instruction in Mathematics. This course is intended for students who are significantly below grade level as measured on MAP or SBA/AMP.

**Math 180 8** **208010/208020****208000****Prerequisite:** RTI Placement**Grade:** 8

Math 180 is an intensive Mathematics intervention program designed to meet the needs of students whose Math achievement is below the proficient level. The program directly addresses individual needs through adaptive and instructional software, high-interest problem solving, and direct instruction in Mathematics. This course is intended for students who are significantly below grade level as measured on MAP or SBA/AMP.

**Math 6** **260010/260020****260000****Prerequisite:** None**Grade:** 6

Math 6 reviews and extends basic math skills and vocabulary. Content will include material outlined by State grade level expectations and MSBSD math Scope and Sequence for grade 6.

**Advanced Math 6** **265010/265020****265000****Prerequisite: Teacher Recommendation and Assessment Qualification****Grade: 6**

This course provides opportunities for the accelerated student to extend grade level math skills and content beyond the standard math curriculum.

**Math 7** **270010/270020****270000****Prerequisite: None****Grade: 7**

Math 7 reviews and extends basic math skills and vocabulary. Content will include material outlined by State grade level expectations and MSBSD math Scope and Sequence for grade 7.

**Advanced Math 7** **275010/275020****275000****Prerequisite: Teacher Recommendation and Assessment Qualification****Grade: 7**

This course provides opportunities for the accelerated student to extend grade level math skills and content beyond the standard math curriculum.

**Math 8** **280010/280020****280000****Prerequisite: None****Grade: 8**

Math 8 reviews and extends basic math skills and vocabulary. Content will include material outlined by State grade level expectations and MSBSD math Scope and Sequence for grade 8.

**Math Skills 6** **263010/263020****263000****Prerequisite: None****Grade: 6**

This course is designed as a math intervention course to provide direct instruction for students deficient in the skill areas as defined by the MSBSD math scope and sequence for grade 6. Class placement is determined by teacher recommendation, proficiency test, or statewide assessment scores. The recommended class size of this course is 12 students.

**Math Skills 6-8** **253xxx/253xxx****Prerequisite: None****Grade: 6-8**

This course is designed as a math intervention course to provide direct instruction for students deficient in the skill areas as defined by the MSBSD math scope and sequence for grade 6-8. Class placement is determined by teacher recommendation, proficiency test, or statewide assessment scores. The recommended class size of this course is 12 students.

253010/253020 Math Skills 6-8 Level 1

253030/253040 Math Skills 6-8 Level 2

253050/253060 Math Skills 6-8 Level 3

253070/253080 Math Skills 6-8 Core

Rev 08/16/19

**Math Skills 7** **273010/273020****273000****Prerequisite: None****Grade: 7**

This course is designed as a math intervention course to provide direct instruction for students deficient in the skill areas as defined by the MSBSD math scope and sequence for grade 7. Class placement is determined by teacher recommendation, proficiency test, or statewide assessment scores. The recommended class size of this course is 12 students.

**Math Skills 8** **283010/283020****283000****Prerequisite: None****Grade: 8**

This course is designed as a math intervention course to provide direct instruction for students deficient in the skill areas as defined by the MSBSD math scope and sequence for grade 8. Class placement is determined by teacher recommendation, proficiency test, or statewide assessment scores. The recommended class size of this course is 12 students.

# Social Studies

## Eastern Hemisphere Studies 7 370010/370020

**370000**

**Grade: 7**

The major focus of 7th grade is study of the Eastern Hemisphere (Africa, Australia, Asia, and Europe) through the state social studies standards of Geography, History, and Government/Citizenship. This course differentiates various forms of government. Students study the five themes of geography. Students also explore influences of the past through historical study of ancient civilizations. Current issues of global interdependence are addressed.

### Eastern Hemisphere Studies 7, Fundamentals of 37010/037020

**037000**

**Grade: 7**

**Prerequisite: Active IEP/RTI**

This content, as much as possible, parallels that offered in Eastern Hemisphere Studies 7. The reading content, writing, and problem solving skills will be adapted to the individual student levels. The course goals are geared to the individual needs of the student, and help the students work toward IEP/RTI goals and objectives based upon Alaska State Standards.

## Social Studies, Daily Living Skills 093010/093020

**093000**

**Grade: 6-8**

**Prerequisite: Active IEP/RTI**

This course is designed to prepare students for assisted participation in their surroundings. The focus will be on exploration and familiarization of community resources with assistance as needed. This course is designed to meet the individual needs of the students and help the students work toward IEP/RTI goals and objectives based upon Alaska State Standards and/or Alternate Standards.

## Social Studies 6-8, Fundamentals of 030010/030020

**030000**

**Grade: 6-8**

**Prerequisite: Active IEP/RTI**

This course provides an overview of middle school social studies for grades 6-8 and will parallel content covered in Eastern and Western Geography and US Studies. The reading content, writing, and problem solving skills will be adapted to the individual student levels, and help the students work towards IEP/RTI goals and objectives based upon Alaska State Standards.

*Appd 04/20/17*

## Social Studies 6 Life Skills

**033610/033620**

**033600**

**Grade: 6**

**Prerequisite: Active IEP/RTI**

The course is designed to increase the students' awareness of their neighborhood, community, state, and country. The content will focus on local services, general government and their local community. The course is designed to meet the individual needs of the students and will help the student work toward their IEP/RTI goals and objectives based on the Alaska State Standards and/or Alternate Standards.

**Multi-grade level: Life Skills Social Studies 033510/20**

## Social Studies 7, Life Skills

**033710/033720**

**033700**

**Grade: 7**

**Prerequisite: Active IEP/RTI**

This course will review and strengthen general world geography concepts, utilizing an appropriate reading level for the student. This course is designed to meet the individual needs of the students and will help the students work toward their IEP/RTI goals and objectives and/or Alternate Standards.

**Multi-grade level: Life Skills Social Studies 033510/20**

## Social Studies 8, Life Skills

**033810/033820**

**033800**

**Grade: 8**

**Prerequisite: Active IEP/RTI**

The course will explore the history of the United States and its world role, as well as the connection to the local community. This course is designed to meet the individual needs of the students and will help the students to work toward their IEP/RTI goals and objectives based upon the Alaska State Standards and/or Alternate Standards.

**Multi-grade level: Life Skills Social Studies 033510/20**

## U.S. Studies 8, Fundamentals of

**038010/038020**

**038000**

**Grade: 8**

**Prerequisite: Active IEP/RTI**

This course content, as much as possible, parallels that offered in US Studies. The reading content, writing, and problem solving skills will be adapted to the individual student levels. The course goals are geared to the individual needs of the student and help the students to work toward IEP/RTI goals based upon Alaska State Standards.

## U.S. Studies 8

**380010/380020**

**380000**

**Grade: 8**

The major focus of study for 8th grade is U.S. Studies (Revolution – 1877) through the state social studies standards of Geography, History, and Government/Citizenship. Coursework will emphasize the American Revolution, the U.S. Constitution, the growth of the U.S., the Civil War, and Reconstruction. This knowledge of U.S. Studies will facilitate the students' participation in a democratic society.

**Western Hemisphere Studies 6**      **360010/360020**  
**360000**

**Grade: 6**

The major focus of 6<sup>th</sup> grade is the study of Latin America and Canada through the state social studies standards of Geography, History, and Government/Citizenship. This course examines geographical forms, resources, political boundaries, religions, and basic economic concepts. Modern cultures and ancient civilizations are also studied.

**Western Hemisphere Studies 6, Fundamentals of**  
**036010/036020**

**036000**

**Grade: 6**

**Prerequisite: Active IEP/RTI**

This course content, as much as possible, parallels that offered in Western Hemisphere Studies 6. The reading content, writing, and problem solving skills will be adapted to the individual student levels. The course goals are geared to the individual needs of the students and will help the students to work toward IEP/RTI goals based upon Alaska State Standards.

# Science

## **Science 6** **460010/460020** **460000**

**Prerequisite:** None

**Grade:** 6

Science 6 will utilize the process skills of science to study science through the application of the Scientific Method and use of the metric system for all types of measurements and calculations. Study, understanding, and application where possible, will focus upon Earth Science and will include Life and Physical Science topics which will broaden the students understanding of the world around them, their culture, and how technology is an integral part of the dynamic nature of science. Topics in Science 6 may include the following: Astronomy, Geology, Fossils, Rock Cycle, Water Cycle, Soils, Surface Changes, Forces of Nature, Plate Tectonics, Erosion, Climate Patterns and Weather.

*Revised 01/11/17*

## **Science 7** **470010/470020** **470000**

**Prerequisite:** None

**Grade:** 7

Science 7 will utilize the process skills of science to study science through the application of the Scientific Method and use of the metric system for all types of measurements and calculations. Study, understanding, and application where possible, will focus upon Life Science and will include Earth and Physical Science topics which will broaden the students understanding of the world around them, their culture, and how technology is an integral part of the dynamic nature of science. Topics in Science 7 will focus upon Cells, Heredity, Classification, Taxonomy, Adaptations over Time, Ecosystems, Ecological Interactions, Energy Flow, Food Web, Human Systems, Disease, and may include the following: Plate Tectonics, Fossils, Physical and Chemical Changes, Properties/States of Matter, and Transformation of Energy.

*Revised 01/11/17*

## **Science 8** **480010/480020** **480000**

**Prerequisite:** None

**Grade:** 8

Science 8 will utilize the process skills of science to study science through the application of the Scientific Method and use of the metric system for all types of measurements and calculations. Study, understanding, and application where possible, will focus upon Physical Science and will include Earth and Life Science topics which will broaden the students understanding of the world around them, their culture, and how technology is an integral part of the dynamic nature of science. Topics in Science 8 may include the following: Chemistry, Properties of Matter, Physical and Chemical Changes, Properties/States of Matter, Recycling of Matter and Energy, Force and Motion, Electricity, Energy and Transformation of Energy.

*Revised 01/11/17*

## **Science 6-8, Fundamentals of** **040010/040020** **046000**

**Prerequisite:** Active IEP/RTI

**Grade:** 6

This course provides an overview of middle school science for grades 6-8 and will parallel content covered in Sciences 6-8. The reading content, writing, and problem solving skills will be adapted to the individual student levels, and help the students work towards IEP/RTI goals and objectives based upon Alaska State Standards. *Appd 04/20/17*

## **Fundamentals of Science 6** **046010/046020** **046000**

**Prerequisite:** Active IEP/RTI

**Grade:** 6

The content of this course, as much as possible, parallels that offered in Science 6. The reading content, writing, and problem solving skills will be adapted to the individual student levels, and help the students work toward IEP/RTI goals and objectives based upon Alaska State Standards.

## **Fundamentals of Science 7** **047010/047020** **047000**

**Prerequisite:** Active IEP/RTI

**Grade:** 7

The content of this course, as much as possible, parallels that offered in Science 7. The reading content, writing, and problem solving skills will be adapted to the individual student levels, and help the students work toward IEP/RTI goals and objectives based upon Alaska State Standards.

## **Fundamentals of Science 8** **048010/048020** **048000**

**Prerequisite:** Active IEP/RTI

**Grade:** 8

The content of this course, as much as possible, parallels that offered in Science 8. The reading content, writing, and problem solving skills will be adapted to the individual student levels, and help the students work toward IEP/RTI goals and objectives based upon Alaska State Standards.

## **Life Skills Science 6** **034610/034620** **034600**

**Prerequisite:** Active IEP/RTI

**Grade:** 6

The focus of this course will be general science skills. These skills would include basic life science, physical science, and biology skills. This course is designed to meet the individual needs of the students and will help the students to work toward their IEP/RTI goals and objectives based upon the Alaska State Standards and/or Alternate Standards.

## **Life Skills Science 7** **034710/034720** **034700**

**Prerequisite:** Active IEP/RTI

**Grade:** 7

The focus of this course will be general science skills. These skills would include basic life science, physical science, and biology skills. This course is designed to meet the individual needs of the students and will help the students to work toward their IEP/RTI goals and objectives based upon the Alaska State Standards and/or Alternate Standards.



**Life Skills Science 8** **034810/034820**  
**034800**

**Prerequisite:** Active IEP/RTI

**Grade:** 8

The focus of this course will be general science skills. These skills would include basic life science, physical science, and biology skills. This course is designed to meet the individual needs of the students and will help the students to work toward their IEP/RTI goals and objectives based upon the Alaska State Standards and/or Alternate Standards.

**Life Skills Science 6-8** **034510/034520**  
**034500**

**Prerequisite:** Active IEP/RTI

**Grade:** 6-8

The focus of this course will be general science skills. These skills would include basic life science, physical science, and biology skills. This course is designed to meet the individual needs of the students and will help the students to work toward their IEP/RTI goals and objectives based upon the Alaska State Standards and/or Alternate Standards.

# Health/Physical Education

## **Health 6** **560000/10/20/30/40/50/60**

**Prerequisite:** None

**Grade:** 6

Health 6 will practice information about personal hygiene, social, physical, and mental health, personal safety, decision making, stress management, and accident prevention. Health 6 will continue discussions on disease prevention, the health triangle (physical, mental/emotional and social) and how decision making affects them. Students will apply and practice knowledge related to personal hygiene and accident prevention. Sixth graders will begin to identify risk behaviors in relation to personal safety (which includes conflict resolution), substance and abuse. They will be introduced to media and advertising in relation to well-being.

**Multi-grade level:** Health 590000

## **Health 7** **570000/10/20/30/40/50/60**

**Prerequisite:** None

**Grade:** 7

Health 7 will practice and master topics from 6<sup>th</sup> grade, discuss nutrition (in-depth), substance use and abuse (in-depth), as well as, healthy relationships. Additional topics discussed will be the human life cycle.

**Multi-grade level:** Health 590000

## **Health 8** **580000/10/20/30/40/50/60**

**Prerequisite:** None

**Grade:** 8

Health 8 will continue to increase students' knowledge of healthy life skills to include the following: maintaining fitness and its relationship to lifestyle; nutrition; substance use and abuse; human development; and how behaviors affect wellness. There will be some additional emphasis on community and consumer health, prevention, and control of disease.

**Multi-grade level:** Health 590000

## **Lifetime Fitness Skills** **050110/05120**

**Prerequisite:** Active IEP/RTI

**Grade:** 6-8

This course is designed to teach students how to maintain an active adult life by making life choices which enhance their well-being. The students will work on their IEP/RTI goals and objectives based on Alaska State Standards and/or Alternate Standards.

## **Physical Education 6** **561010/20/30/40/50/60**

**Prerequisite:** None

**Grade:** 6

This course provides knowledge of basic rules and terms of team, dual, and individual sports. Students will be introduced to the application and benefits of lifetime activities and fitness. The concepts of self-discipline and team camaraderie are enforced. Proper use and care of equipment are taught and practiced, as well as safety, rules, and procedures. The 6 National Physical Education Standards are implemented in the physical education program.

## **Physical Education 7** **571010/20/30/40/50/60**

**Prerequisite:** None

**Grade:** 7

Students interpret how rules affect and govern team, dual, and individual sports. They will analyze the benefits of lifetime activities and fitness. Cooperation and responsibility are integrated in competitive and recreational activities. Proper use and care of equipment are taught and practiced, as well as safety, rules, and procedures. The 6 National Physical Education Standards are implemented in the physical education program.

## **Physical Education 8** **581010/20/30/40/50/60**

**Prerequisite:** None

**Grade:** 8

Basic rules, strategies, and tactic of team, dual, and individual sports are taught and practiced. Students assess the benefits of lifetime involvement in physical fitness activities. Sportsmanship is applied and supported in competitive and recreational activities. Proper use and care of equipment are taught and practiced, as well as safety, rules, and procedures. The 6 National Physical Education Standards are implemented in the physical education program.

# Career and Technical Education

## **Coding 1** **831010/20/30/40/50/60**

**Prerequisite:** None

**Grade:** 6-8

This is a technology survey course which introduces them to coding, 3D printing, computer hardware, mathematical logic, remedial keyboarding, and basic computer networking. Afterwards they can follow their interests.

## **Coding 2** **832010/20/30/40/50/60**

**Prerequisite:** None

**Grade:** 6-8

This is a technology survey course which introduces them to coding, 3D printing, computer hardware, mathematical logic, remedial keyboarding, and basic computer networking. Afterwards they can follow their interests.

## **Coding 3** **833010/20/30/40/50/60**

**Prerequisite:** None

**Grade:** 6-8

This is a technology survey course which introduces them to coding, 3D printing, computer hardware, mathematical logic, remedial keyboarding, and basic computer networking. Afterwards they can follow their interests.

## **Computer 6** **620610/620620**

**Prerequisite:** None

**Grade:** 6

Computer 6 emphasizes keyboarding, beginning word processing, and general familiarity with computers.

## **Computer 7** **620710/620720**

**Prerequisite:** None

**Grade:** 7

This course builds in-depth word processing skills, utilizes applications, introduces data bases, and continues general familiarity with computers.

## **Computer 8** **620810/620820**

**Prerequisite:** None

**Grade:** 8

Computer 8 emphasizes useful skills/applications in word processing, database, and spreadsheet software. Telecommunications, computer-related careers, graphic applications, history/future of computer technology, computer programming, and networking are some of the topics that will be introduced to students at this level.

## **Consumer & Family Science 6** **646110/646120**

**Prerequisite:** None

**Grade:** 6

Consumer and Family Science 6 explores areas in foods, nutrition, child care, and sewing.

## **Consumer and Family Science 7** **647110/647120**

**Prerequisite:** None

**Grade:** 7

Consumer and Family Science 7 introduces babysitting activities, child safety, use of sewing tools, nutrition principles, kitchen safety and hygiene, and proper food preparation when working with simple recipes.

## **Consumer and Family Science 8** **648110/648120**

**Prerequisite:** None

**Grade:** 8

Consumer and Family Science 8 includes the following topics: independent living skills; career opportunities in foods, clothing, and travel industry; safe use of sewing machines; and construction of sewing projects. Also included is knowledge of kitchen equipment and safety, principles of baking, measuring, appliances, and being organized. Planning, preparing, serving, and evaluating recipes and simple nutritious meals.

## **Industrial Technology 6** **676000/676010/676020**

**Prerequisite:** None

**Grade:** 6

Industrial Technology is an exciting and challenging class. Students work in a businesslike atmosphere to design, produce, and present various technical 'products.' These 'products' include CO2 dragsters, pinewood racers, bridges, and Lego Robotics. Through hands on study students learn technical drawing, employability, computer, presentation, and basic woodworking skills.

## **Industrial Technology 7** **677000/ 677010/677020**

**Prerequisite:** None

**Grade:** 7

Industrial Technology is an exciting and challenging class. Students work in a businesslike atmosphere to design, produce, and present various technical 'products.' These 'products' include CO2 dragsters, pinewood racers, bridges, and Lego Robotics. Through hands on study students learn technical drawing, employability, computer, presentation, and basic woodworking skills.

## **Industrial Technology 8** **678000/678010/578020**

**Prerequisite:** None

**Grade:** 8

Industrial Technology is an exciting and challenging class. Students work in a businesslike atmosphere to design, produce, and present various technical 'products.' These 'products' include CO2 dragsters, pinewood racers, bridges, and Lego Robotics. Through hands on study students learn technical drawing, employability, computer, presentation, and basic woodworking skills.

## **Industrial Technology 6-8** **675010/675020**

**Prerequisite:** None

**Grade:** 6-8

Industrial Technology is an exciting and challenging class. Students work in a businesslike atmosphere to design, produce, and present various technical 'products.' These 'products' include CO2 dragsters, pinewood racers, bridges, and Lego Robotics. Through hands on study students learn technical drawing, employability, computer, presentation, and basic woodworking skills.

**Media Skills 6** **610610/610620****Prerequisite:** None**Grade:** 6

This course covers the basic and advanced concepts of modern media. Students will research and discuss current events covered in the newspaper, Internet, radio, and television. The main focus will be on the creation of their own media through movies. Students will learn how to create educational and current event videos. This course will also allow for the integration of *iMovie* and other technology into other classes.

**Media Skills 7** **610710/610720****Prerequisite:** None**Grade:** 7

This course covers the basic and advanced concepts of modern media. Students will research and discuss current events covered in the newspaper, Internet, radio, and television. The main focus will be on the creation of their own media through movies. Students will learn how to create educational and current event videos. This course will also allow for the integration of *iMovie* and other technology into other classes.

**Media Skills 8** **610810/610820****Prerequisite:** None**Grade:** 8

This course covers the basic and advanced concepts of modern media. Students will research and discuss current events covered in the newspaper, Internet, radio, and television. The main focus will be on the creation of their own media through movies. Students will learn how to create educational and current event videos. This course will also allow for the integration of *iMovie* and other technology into other classes.

**Media Skills 6-8** **610000****Prerequisite:** None**Grade:** 6-8

This course covers the basic and advanced concepts of modern media. Students will research and discuss current events covered in the newspaper, Internet, radio, and television. The main focus will be on the creation of their own media through movies. Students will learn how to create educational and current event videos. This course will also allow for the integration of *iMovie* and other technology into other classes.

**Biomedical STEM** **956011/956022****Prerequisite:** None**Grade:** 6

This course will explore Health Science Careers in Dental Diagnostics, First Aid/CPR, Forensic Science, and Imaging Diagnostics. Each Career unit (CU) will contain 15 different activities including research (internet and reading), and a variety of hands-on activities. Throughout the semester the students will keep a portfolio of their work from each CU.

**Biomedical STEM** **957011/957022****Prerequisite:** 6**Grade:** 7

This course will explore Health Science Careers in Cardiac Diagnostics, Optical Diagnostics, Sports Medicine, and Veterinary Science. Each Career Unit (CU) will contain 15 different activities including research (internet and reading) and a variety of hands-on activities. Throughout the semester the students will keep a portfolio of their work from each CU.

**Biomedical STEM** **958011/958022****Prerequisite:** 7**Grade:** 8

This course will explore Health Science Careers in Biomedical Applications, Complementary and Alternative Medicine, Medical Office Terminology and Pharmacology. Each Career Unit (CU) will contain 15 different activities including research (internet and reading) and a variety of hands-on activities. Throughout the semester the students will keep a portfolio of their work from each CU.

**Discovering STEM** **956010/956020****Prerequisite:****Grade:** 6

Discovering STEM curriculum students will be introduced to basic STEM concepts. Students will take part in an activity from each STEM area with culminating activities that put their STEM skills to the test. Students will enjoy hands on minds on approach to learning about science, technology, engineering, and math.

**Units:** Manufacturing by Design, Design Drafting, Long Distance Flyer, Electronics, Floating Above the Rest, Robotics Orientation

**Designing with STEM** **957010/957020****Prerequisite:****Grade:** 7

Designing with STEM introduces students to the fun and powerful tools of designing and problem solving. The activities and academic applications engage the learner to embrace Science, Math, Engineering, and Technology while they examine each of the integral steps of critical design and problem solving.

**Units:** Air and Water Rockets, Competitive Vehicle Design, Magnetic Levitation Vehicle Design, Trebuchet Design, Advanced Structures Design, Testing and Evaluating

**Prerequisite:****Grade: 8**

Investigating STEM Skills curriculum integrates the design skills and introductory STEM ideas from the discovering and designing courses. The activities are intended to highlight the three primary elements of manufacturing: tools, materials and processes.

**Units:** Introduction to Robotics, Packaging Design, Robotics Design, Underwater SEA Perch Challenges, Mechanical Engineering (Catapults, Cranes, Solar Car Design, MTV Car Design.)

**PERSONAL LEARNING & CAREER PLAN (PLCP)**

All STEM students will use AKCIS a web-based program, designed to assist students and job seekers in planning their education and career along with our district's PEAK curriculum. The tools allow students to explore career options, programs of study, colleges, and ways to finance post-secondary education. They will create a portfolio allowing them to track, save and personalize their career exploration journey as well as create a course plan, create a resume, and save assessment results and other achievement notes

# Fine Arts

## MUSIC

### Music Courses General Description:

*The period represented by grades 6-8 is especially critical in students' musical development. The music they perform or study often becomes an integral part of their personal musical repertoire. Composing and improvising provide students with unique insight into the form and structure of music and help them to develop their creativity. Broad experience with a variety of music is necessary if students are to make informed musical judgments. Similarly, this breadth of background enables them to begin to understand the connections and relationships between music and other disciplines. By understanding the cultural and historical forces that shape societal attitudes and behaviors, students are better prepared to live and work in communities that are increasingly multicultural. The role that music will play in students' lives depends in large measure on the level of skills they achieve in creating, performing, and listening to music.*

### Band, Advanced 709010/709020 709000

**Prerequisite:** Audition

**Grade:** 6-8

This band is a performance class for the accomplished middle school musician. Excellence in technical facility, musicianship, tone quality, music reading, and stylistic interpretation are constantly stressed. Scheduled performance are required and a part of assessment. May include participation in a pep band.

### Band, Beginning 700010/700020 700000

**Prerequisite:** None

**Grade:** 6-8

Beginning Band is a performance class for first-year instrumentalists. Open to instrumental students above the beginning level. Musical training is offered through group and some individual instruction. Musicianship, tone quality, intonation, and facility on the instrument are stressed. May include participation in a pep band. Scheduled performances are required and a part of assessment.

### Band, Concert 761010/761020

**Prerequisite:** Audition

**Grade:** 6-8

**Repeatable:** Y

Concert Band is a performance class open to instrumental students above the beginning level with musical training through group and some individual instruction. Musicianship, tone quality, intonation, and facility on the instrument are stressed. Scheduled performances are required and a part of class assessment. Course may include participation in Pep Band.

### Band, Intermediate 705010/705020 705000

**Prerequisite:** Beginning Band, or Instructor Approval

**Grade:** 6-8

Open to instrumental students above the beginning level. Musical training is offered through group and some individual instruction. Musicianship, tone quality, intonation, and facility on the instrument are stressed. May include participation in a pep band. Scheduled performances are required and a part of assessment.

*Revised 05/03/18*

### Choir, Advanced 718010/718020 718000

**Prerequisite:** Intermediate Choir, or Instructor Approval

**Grade:** 6-8

Chorus is open to all students regardless of experience. The fundamentals of choral music will be emphasized (reading, part singing, interpretation, basics and vocal technique). Includes solo, small ensemble, and large ensemble performances. Scheduled performances are required and a part of assessment.

*Revised 05/03/18*

### Choir, Beginning 716010/716020 716000

**Prerequisite:** None

**Grade:** 6-8

Chorus is open to all students regardless of experience. The fundamentals of choral music will be emphasized (reading, part singing, interpretation, basics and vocal technique). Includes solo, small ensemble, and large ensemble performances. Scheduled performances are required and a part of assessment.

*Revised 05/03/18*

### Choir, Intermediate 717010/717020 707000

**Prerequisite:** Beginning Choir, or Instructor Approval

**Grade:** 6-8

Chorus is open to all students regardless of experience. The fundamentals of choral music will be emphasized (reading, part singing, interpretation, basics and vocal technique). Includes solo, small ensemble, and large ensemble performances. Scheduled performances are required and a part of assessment.

*Revised 05/03/18*

### Concert Chorus 755000/755010/755020

**Prerequisite:** None

**Grade:** 6-8

**Repeatable:** Y

Concert Choir is a performance class, open to all students regardless of experience or year in school. Fundamentals of choral music will be emphasized. Fundamentals include reading, part singing, interpretation, and basics of vocal technique. Scheduled performances are required and a part of class assessment.

*Revised 08/16/18*

### Jazz/Stage Band 763010/763020

**Prerequisite:** Audition

**Grade:** 6-8

**Repeatable:** Y

Jazz/Stage Band is an instrumental ensemble that will perform literature from the big band era and contemporary pop and jazz idioms. The student will learn the development of improvisational skills, chord reading, and arranging. Scheduled performances are required and a part of class assessment. Enrollment is limited to standard jazz/stage band instrumentation: i.e. Saxs- Soprano, Alto, Tenor, Baritone; Trumpets; Trombones; Guitar; Piano/Keyboard; String or Electric Bass; and Trap set. Other instruments are possible upon instructor's approval.

**Orchestra 769000/769010/769020**

**Prerequisite:** Instructor Approval

**Grade:** 6-8

Small Ensembles is a performance class for instrumental and/or vocal groups exploring styles of music written for small ensembles.

*Revised 08/16/18*

**Percussion Methods 771000/771010/771020**

**Prerequisite:** Instructor Approval

**Grade:** 6-8

Small Ensembles is a performance class for instrumental and/or vocal groups exploring styles of music written for small ensembles.

*Revised 08/16/18*

**Small Ensembles 710010/710020**

**710000**

**Prerequisite:** Instructor Approval

**Grade:** 6-8

Small Ensembles is a performance class for instrumental and/or vocal groups exploring styles of music written for small ensembles.

**Vocal Jazz Ensemble 756000/756010/756020**

**Prerequisite:** Instructor Approval

**Grade:** 6-8

Small Ensembles is a performance class for instrumental and/or vocal groups exploring styles of music written for small ensembles.

*Revised 08/16/18*

**Vocal Jazz/Show Choir 757000/757010/757020**

**Prerequisite:** Instructor Approval

**Grade:** 6-8

Small Ensembles is a performance class for instrumental and/or vocal groups exploring styles of music written for small ensembles.

*Revised 08/16/18*

**THEATRE ARTS**

**Drama 6 606010/606020**

**606000**

**Prerequisite:** None

**Grade:** 6

Students are introduced to the stage through a variety of drama games and activities. Games and exercises are used to develop a stage presence while experimenting with various character roles. Many drama activities focus on expression of character roles with partners and/or groups. Importance is placed on developing a sense of audience while connecting on script and character development. Students read and walk through a variety of short plays and skits to orient them to stage direction and etiquette.

**Multi-grade level course numbers:** Drama 600010/20

**Drama 7 607010/607020**

**607000**

**Prerequisite:** None

**Grade:** 7

Seventh graders will concentrate and coordinate efforts put forth in Drama 6 and expansion activities resulting in the production of a one-act play.

**Multi-grade level course numbers:** Drama 600010/20

**Drama 8 608010/608020**

**608000**

**Prerequisite:** None

**Grade:** 8

Eighth graders have greater emphasis placed on character roles and staging a production. Introduction to stage and technical crews with opportunities for everyone to align themselves with an important role which would aid in a production are provided.

**Multi-grade level course numbers:** Drama 600010/20

**VISUAL ARTS**

**Adaptive Art 0616010/0616020**

**Prerequisite:** Active IEP

**Grade:** 6-8

This introductory course provides the beginning art students with an exploration of the elements of art by gaining basic skills in techniques and tools. This Adaptive Art class is designed specifically for students who have an active IEP and need additional adaptations in the classroom setting. Adaptions can include: adaptive equipment and/or wheelchair accessibility built into the layout of the art room and lessons designed to have extended timelines with simplified outcomes.

**Art 6 616010/616020**

**616000**

**Prerequisite:** None

**Grade:** 6

This is an introductory course in which the student will explore a broad range of techniques and processes. Students will investigate themes in art and compare art of various cultures, identify a variety of visual arts careers, and collaborate to solve artistic problems. Students will be introduced to design elements and principles, aesthetics, and art criticism.

**Multi-grade level course numbers:** Art 615010/20

**Art 7 617010/617020**

**617000**

**Prerequisite:** None

**Grade:** 7

Students will expand on sixth grade course content. Students will practice applying media, techniques, and processes with sufficient skill to represent their intention. Students will analyze visual beauty using the elements and principles of art; as well as speculate on how art impacts choices.

**Multi-grade level course numbers:** Art 615010/20

**Art 8 618010/618020**

**618000**

**Prerequisite:** None

**Grade:** 8

Students will expand on seventh grade course content through application, identification, and investigation of a theme or media to create a series of art pieces. The students will be introduced to and practice discussing and presenting art in the roles of art critic, art historian, and aesthetician.

**Multi-grade level course numbers:** Art 615010/20



# World Languages

## **French 1**

**6111/6112**

**Prerequisite:** None

**Grade:** 8

This course is an introduction to the target language with major emphasis on spoken language, listening comprehension, and elementary reading and writing skills. Units introduce the culture of the target language. Student participation and good attendance are critical elements to successfully complete this course. High school credit may be earned for this course.

## **Russian 1**

**803010/803020**

**803000**

**Prerequisite:** None

**Grade:** 8

This course is an introduction to the target language with major emphasis on spoken language, listening comprehension, and elementary reading and writing skills. Units introduce the culture of the target language. Student participation and good attendance are critical elements to successfully complete this course.

## **Spanish 1**

**6211/6212**

**Prerequisite:** None

**Grade:** 8

This course is an introduction to the target language with major emphasis on spoken language, listening comprehension, and elementary reading and writing skills. Units introduce the culture of the target language. Student participation and good attendance are critical elements to successfully complete this course. High school credit may be earned for this course.

# Other

## Academic Decathlon 6 666110/20/30/40/50/60

**Prerequisite:** None

**Grade:** 6

Academic Decathlon is a class in which students study ten different subjects. These are Mathematics, Economics, Science, Music, Art, Language & Literature, Social Science, Essay Writing, Speech, and Interview.

## Academic Decathlon 7 667110/20/30/40/50/60

**Prerequisite:** None

**Grade:** 7

Academic Decathlon is a class in which students study ten different subjects. These are Mathematics, Economics, Science, Music, Art, Language & Literature, Social Science, Essay Writing, Speech, and Interview.

## Academic Decathlon 8 668110/20/30/40/50/60

**Prerequisite:** None

**Grade:** 8

Academic Decathlon is a class in which students study ten different subjects. These are Mathematics, Economics, Science, Music, Art, Language & Literature, Social Science, Essay Writing, Speech, and Interview.

## Academic Strategies 973010/973020

**Prerequisite:** None

**Grade:** 6-8

**Repeatable:** Y

This course is designated for students who want additional time and academic support. This class is tailored to meet the needs of all students at each individual student's level. Teachers and students will target weak areas as indicated by classroom grade or MAP scores. Instructors will monitor study skills and establish communication between home and school. Students will also have time to work on current homework assignments and receive specialized tutoring. Student responsibility, self-advocacy and accountability will be stressed.

## Advanced Middle School Teen Leadership

611050/611060

**Prerequisite:** Completion of Teen Leadership and Teacher Recommendation

**Grade:** 6-8

This course is a continuation of Teen Leadership. It may also include peer to peer training, school presentations, and projects demonstrating leadership in the school community.

## Advisory 925100

**Prerequisite:** None

**Grade:** 6-8

A program in which each teacher in the school is assigned to mentor a group of students throughout the school year. The advisor has a special responsibility for these students to help them deal with concerns not normally acknowledged in other class settings, primarily those associated with the affective domain. These include organization, time-management, goal setting, peer interactions, career education and specific health topics. The advisor works with the students to continually review the students' progress, including grades, test scores, and other indicators. Services may include one-on-one advice, and ongoing communication with parents, including conferences, phone calls and notes sent home.

## ASL Skills 604000/604010/604020

604000

**Prerequisite:** None

**Grade:** 8

Provide direct instruction in the skills related to hearing impairment, specifically using American Sign Language and in supporting hearing impaired students for academic success.

## Braille/Vision Skills 602010/602020

602000

**Prerequisite:** Active IEP/RTI or Instructor Approval

**Grade:** 6-8

Provide direct instruction in the skills related to a visual impairment, such as Braille reading and writing, technology related to accessing reading and writing materials, including large print and Braille. Also provide instruction in orientation and mobility skills within the school and community, including use of a cane, crossing of streets with a cane, and community travel.

## Connections 900010/900020

900000

**Prerequisite:** None

**Grade:** 6-8

This program provides students with academic interventions and extensions during the regular school day. It addresses students' demonstrated needs in reading, writing and math in the Alaska Performance Standards. At the same time the program provides academic extensions in all subject areas, while addressing school-wide specific standards. Extension courses increase students' ability to make choices regarding their education, while providing the structure and guidance these students still very much need.

**Daily Living Skills** **096010/096020****096000****Prerequisite:** Active EP/RTI**Grade:** 6-8

This course is designed to help students with everyday living skills, i.e. cooking, setting table, vacuuming, washing dishes, washing clothes, cleaning bathroom, etc. Calendar skills, environmental signs, and nutritional instruction are also addressed.

**English Language Acquisition 6** **636110/20****636000****Prerequisite:** Active Plan of Service**Grade:** 6

This course is designated for English Language Learners. The course goals are geared toward the individual needs for English Language Acquisition based upon the (LEP) Limited English Proficient Alaska State Standards.

**English Language Acquisition 7** **637110/20****637000****Prerequisite:** Active Plan of Service**Grade:** 7

This course is designated for English Language Learners. The course goals are geared toward the individual needs for English Language Acquisition based upon the (LEP) Limited English Proficient Alaska State Standards.

**English Language Acquisition 8** **638110/20****638000****Prerequisite:** Active Plan of Service**Grade:** 8

This course is designated for English Language Learners. The course goals are geared toward the individual needs for English Language Acquisition based upon the (LEP) Limited English Proficient Alaska State Standards.

**English Language Acquisition 6-8** **636010/20****636000****Prerequisite:** Active Plan of Service**Grade:** 6-8

This course is designated for English Language Learners. The course goals are geared toward the individual needs for English Language Acquisition based upon the (LEP) Limited English Proficient Alaska State Standards.

**Forum 6** **916010/916020****916000****Prerequisite:** None**Grade:** 6

An advisor/advisee program which may include topics such as anger management, study skills, drug and alcohol education, getting along with others, career exploration, academic enrichment, remediation and/or SSR, school-to- life transitioning, and other timely topics.

**Forum 7** **917010/917020****917000****Prerequisite:** None**Grade:** 7

An advisor/advisee program which may include topics such as anger management, study skills, drug and alcohol education, getting along with others, career exploration, academic enrichment, remediation and/or SSR, school-to- life transitioning, and other timely topics.

**Forum 8** **918010/918020****918000****Prerequisite:** None**Grade:** 8

An advisor/advisee program which may include topics such as anger management, study skills, drug and alcohol education, getting along with others, career exploration, academic enrichment, remediation and/or SSR, school-to- life transitioning, and other timely topics.

**Leadership** **611010/611020****611000****Prerequisite:** Teacher Recommendation**Grade:** 6-8

This course addresses concepts and skills related to leadership through focus on five areas: communication skills, group processes, managerial skills, self-awareness, and human relations skills. Students will utilize leadership concepts and skills by identifying and implementing projects for the benefit of the school and community.

**Life Skills Basic 6** **035610/035620****Prerequisite:** Active IEP/RTI**Grade:** 6

This course is designed to teach students life skills necessary for independent adult living. The students will work on their IEP/RTI goals and objectives based on Alaska State Standards and/or Alternate Standards.

**Life Skills Basic 7** **035710/035720****Prerequisite:** Active IEP/RTI**Grade:** 7

This course is designed to teach students life skills necessary for independent adult living. The students will work on their IEP/RTI goals and objectives based on Alaska State Standards and/or Alternate Standards.

**Life Skills Basic 8** **035810/035820****Prerequisite:** Active IEP/RTI**Grade:** 8

This course is designed to teach students life skills necessary for independent adult living. The students will work on their IEP/RTI goals and objectives based on Alaska State Standards and/or Alternate Standards.

**Middle School Teen Leadership 611030/611040****Prerequisite: Teacher Recommendation****Grade: 6-8**

Teen Leadership is a program (Capturing Kids Hearts) in which middle school students develop leadership, professional, and business skills. They learn to develop a healthy self-concept, healthy relationships, and learn to understand the concept of personal image. They will develop an understanding of the concept of principle-based decisions-making and learn to make responsible financial decisions. They will develop an understanding of the effects of peer pressure, will develop skills to counteract those effects, and will develop problem-solving skills. They will develop an understanding of the principles of parenting, enabling them to become better family members and citizens. They will also develop an understanding of the need for vision in goal-setting, personally and professionally.

**Peer Mentoring 981010/981020****Prerequisite: Teacher Recommendation****Grade: 6-8**

Peer Mentoring is a course designed to provide students with an opportunity to build a relationship with students who have an IEP by assisting them in adaptive courses. The peer mentor is not enrolled in the class to produce their own work, but rather there to support the student on the IEP in finding success in their classwork. This one-on-one socialization is intentionally designed to benefit both students by building long lasting relationships and helping the peer mentor develop tutorial skills and to assist the teacher with students who need one-on-one support. Peer mentoring is an elective credit that would be partnered with adaptive classes.

**Science Olympiad 6 656010/656020****656000****Prerequisite: None****Grade: 6**

Science Olympiad is a semester class designed to prepare students for science competition at the state level in the spring. The events selected for students to participate in will be from the annual national listing, with an emphasis on events that are usually not included after school. The construction projects such as bridge Building, Mission Possible, Robo-Billiards, Storm the Castle, and Wright Stuff will not be offered in this class due to time and space constrictions, but will be available for students during the after school club time.

**Science Olympiad 7 657010/657020****657000****Prerequisite: None****Grade: 7**

Science Olympiad is a semester class designed to prepare students for science competition at the state level in the spring. The events selected for students to participate in will be from the annual national listing, with an emphasis on events that are usually not included after school. The construction projects such as bridge Building, Mission Possible, Robo-Billiards, Storm the Castle, and Wright Stuff will not be offered in this class due to time and space constrictions, but will be available for students during the after school club time.

**Science Olympiad 8 658010/658020****658000****Prerequisite: None****Grade: 8**

Science Olympiad is a semester class designed to prepare students for science competition at the state level in the spring. The events selected for students to participate in will be from the annual national listing, with an emphasis on events that are usually not included after school. The construction projects such as bridge Building, Mission Possible, Robo-Billiards, Storm the Castle, and Wright Stuff will not be offered in this class due to time and space constrictions, but will be available for students during the after school club time.

**Science Olympiad 6-8 659010/659020****659000****Prerequisite: None****Grade: 6-8**

Science Olympiad is a semester class designed to prepare students for science competition at the state level in the spring. The events selected for students to participate in will be from the annual national listing, with an emphasis on events that are usually not included after school. The construction projects such as bridge Building, Mission Possible, Robo-Billiards, Storm the Castle, and Wright Stuff will not be offered in this class due to time and space constrictions, but will be available for students during the after school club time.

**Student Aide 980110/980120****Prerequisite: None****Grade: 8****980130/40/50/60**

This course is designed to enhance student understanding and development of the employability skills of punctuality and attendance, productive attitude and personal qualities, and time management. This is accomplished by providing assistance to the supervising faculty member within the school setting which may include classrooms, media center, office, guidance center or other approved locations. This course will be graded pass or fail.

**Study Skills Lab 6** **060610/060620****060600****Prerequisite:** Active IEP/RTI**Grade:** 6-8

This course is designed to meet the identified individual outcomes of those students who qualify for Special Education. This course will include work on the following skills: time management, organization skills, how to answer questions, effective study habits, comprehension skills, use of media, use of technology, use of reference materials, and work on individual IEP/RTI goals and objectives based on Alaska State Standards. Students will be assisted with course work on an as needed basis. Students will learn how to use planners and progress reports to aide in their academic success.

**Study Skills Lab 7** **060710/060720****060700****Prerequisite:** Active IEP/RTI**Grade:** 6-8

This course is designed to meet the identified individual outcomes of those students who qualify for Special Education. This course will include work on the following skills: time management, organization skills, how to answer questions, effective study habits, comprehension skills, use of media, use of technology, use of reference materials, and work on individual IEP/RTI goals and objectives based on Alaska State Standards. Students will be assisted with course work on an as needed basis. Students will learn how to use planners and progress reports to aide in their academic success.

**Study Skills Lab 8** **060810/060820****060800****Prerequisite:** Active IEP/RTI**Grade:** 6-8

This course is designed to meet the identified individual outcomes of those students who qualify for Special Education. This course will include work on the following skills: time management, organization skills, how to answer questions, effective study habits, comprehension skills, use of media, use of technology, use of reference materials, and work on individual IEP/RTI goals and objectives based on Alaska State Standards. Students will be assisted with course work on an as needed basis. Students will learn how to use planners and progress reports to aide in their academic success.

**Work Study****050910/050920****050900****Prerequisite:** Active IEP/RTI**Grade:** 6-8

The purpose of this course is to promote successful transition from school to work by providing students opportunities to identify career interests and develop and use employability skills in a variety of ways including work experiences. The students will work on individual IEP/RTI goals and objectives based on Alaska State Standards and/or Alternate Standards.

**Yearbook****601000****Prerequisite:** Instructor Approval**Grade:** 8

This exploratory course provides experience in design, preparation, production, and finance of the school yearbook, with emphasis on photography, layout and cooperation. This course demands student responsibility in order to meet publisher's deadlines. Students should expect to spend time outside class on this activity.

## Other Credit Options: Early High School Credit

### AR 6146.2(g)

Middle school students may earn high school credit toward graduation if the class being taught meets the following criteria:

- Courses must be approved and included in the high school Program of Studies.
- The course has the same course title, course number, and curriculum as the high school course.
- The course is equivalent in length, e.g., semester or year, as the high school.
- Approved courses must be taught by a teacher who is Highly Qualified for the respective course at the high school level, as per NCLB Guidelines.
- An “A” or “B” will be used on high school transcripts for middle school students who demonstrate proficiency with the course content.
- Proficiency will be defined as earning an “A” or “B” for both semesters, or by demonstrating mastery through a summative end of course assessment.
- Students not earning credit will have no reflection of the course-work on their high school transcript.
- Parents have the option to remove the credit and letter grade or “P” marking from the high school transcript.
- If the letter grade or course negatively impacts the high school student who accelerated in middle school, the course/grade may be deleted, or the grade changed to a P (which has zero impact on GPA). This type of change to the high school transcript must be made prior to the beginning of the senior year.
- Counselors will need to coordinate with the Office of Instruction to process the transcript modification.

With the prior approval of the middle school principal and counselor, as well as a parent/guardian, a middle school student may receive high school credit for college course work or distance delivery courses as per [AR 6146.2](#) (a) and [AR 6146.2](#) (b).

1. Early high school credit may be used for specific curriculum credit and for elective credit.
2. Early high school credits may fulfill specific curriculum credit or elective credit for graduation; however, they may not fulfill minimum requirements for some colleges, NCAA qualifications, scholarships and military programs.
3. The Early High School Credit Policy does not affect the record of letter grades (A-F) earned and given on grade reports in middle school.
4. The early high school credit will not appear on a student’s transcript until the student enrolls and attends a high school in the MSBSD.
5. Use: Early High School Credit Approval Form

**Adoption Date: 06/14/06**

**Revised Date: 11/04/09**

**Revised Date: 04/18/12**

**Revised Date: 06/20/12**

**Revised Date: 12/05/12**

**Revised Date: 09/18/13**

## QUESTIONS TO CONSIDER:

- DOES THE STUDENT DEMONSTRATE READINESS TO ACCELERATE THROUGH HIGH TEST SCORES AND GRADES?
- HAS THE STUDENT TRULY MASTERED THE CURRICULUM PREREQUISITE TO BE SUCCESSFUL AT THE NEXT LEVEL?
- ARE THERE ANY NEGATIVE CONSEQUENCES TO ACCELERATION, WITH POTENTIAL SCHOLARSHIPS OR THE NCAA?
- IF THE STUDENT ACCELERATES IN MIDDLE SCHOOL, CAN THE CURRICULUM BE CONTINUED IN HIGH SCHOOL AT AN INCREASING LEVEL. FOR EXAMPLE, FOUR YEARS OF A FOREIGN LANGUAGE AND AP LEVEL COURSES.



## QUESTIONS?

P: 907.746.9229  
F: 907.746.9292

## OFFICE OF INSTRUCTION

501 N GULKANA AVE  
PALMER, AK 99645

EARLY  
HIGH SCHOOL  
CREDIT





## OPPORTUNITY

MSBSD students can earn high school credit when it is appropriate for the individual and meets the scope and sequence established by the Office of Instruction.



Middle school students may earn high school credit toward graduation if the class being taught meets the following criteria:

- APPROVED AND INCLUDED IN THE HIGH SCHOOL PROGRAM OF STUDIES.
- PROFICIENCY WILL BE DEFINED AS EARNING AN "A" OR "B" FOR BOTH SEMESTERS.

TYPICALLY COURSES ARE IN FRESH-MEN LEVEL ENGLISH, MATHEMATICS, AND FOREIGN LANGUAGE.

- CONSULT THE SCHOOL COUNSELOR AT YOUR MIDDLE SCHOOL.

Please consult the school counselor for assistance.

## CHOICES

Early high school credit and a letter grade will be added to the student's transcript during 9th grade.

If the letter grade or course negatively impacts the high school student who accelerated in middle school, the course/grade may be deleted or the grade changed to a P (which has zero impact on GPA). This type of change to the high school transcript must be made prior to the beginning of the senior year.



## **BP 6146.1 (a) Diploma Requirements for Graduating Classes 2017+**

The Chief School Administrator/Superintendent or designee shall prepare for Board approval a plan consisting of district graduation requirements. Students shall receive a Matanuska-Susitna Borough diploma only after acquiring the minimum of **24.5** credits in the following required and elective subjects:

<b>Health</b> .....	<b>.5 credit</b>
<b>Language Arts</b> .....	<b>4 credits</b>
English 1.....	1 credit
English 2.....	1 credit
English Electives.....	2 credits
<b>Mathematics</b> .....	<b>3 credits</b>
Algebra.....	1 credit
from the following:	
Algebra 1	
Introduction to Algebra	
Geometry.....	1 credit
from the following:	
Geometry	
Informal Geometry	
Math Electives.....	1 credit
<b>Physical Education</b> (see BP 6146.2 (b) for waivers).....	<b>1 credit</b>
<b>Science</b> .....	<b>3 credits</b>
Physical Science.....	1 credit
from the following: Physical	
Science	
Chemistry	
Physics	
Life Science.....	1 credit
Biology	
Science Electives.....	1 credit
<b>Social Studies</b> .....	<b>3.5 credits</b>
Civics.....	.5 credit
Alaska History.....	.5 credit
World History.....	1 credit
United States History.....	1 credit
U.S. Government.....	.5 credit
<b>Electives</b> .....	<b>9.5 credits</b>

**NOTES:** *For language arts, math, science and social studies, specific course requirements may be fulfilled by substituting a higher level of the same course (e.g. Honors Biology). For math and science, specific course requirements may also be fulfilled by substituting a course for which the required course is the prerequisite.*

*Rev. 01/16/19*

### **AR 6146.1 High School Graduation Requirements Graduation Standard Year (GSY)**

The Graduation Standard Year is based on the first year a student begins high school as a 9th grader and would typically finish 4 years later.

GSY is directly related to the Graduation Requirements that are part of the Credit Summary of the transcript. The graduation requirements for a student are based on what is set by the School Board when the student enters 9th grade (first year of high school).

Whether a student finishes early (i.e. Junior year or half-way through the Senior year) or late (i.e. fifth year Seniors) the Graduation Standard Year stays the same as that is the determiner of what requirements they have to meet to graduate.

*Adoption Date: 01/20/16*

# Response to Instruction (RTI): Problem Solving Model

## Academic System

### Tier 3 - Intensive

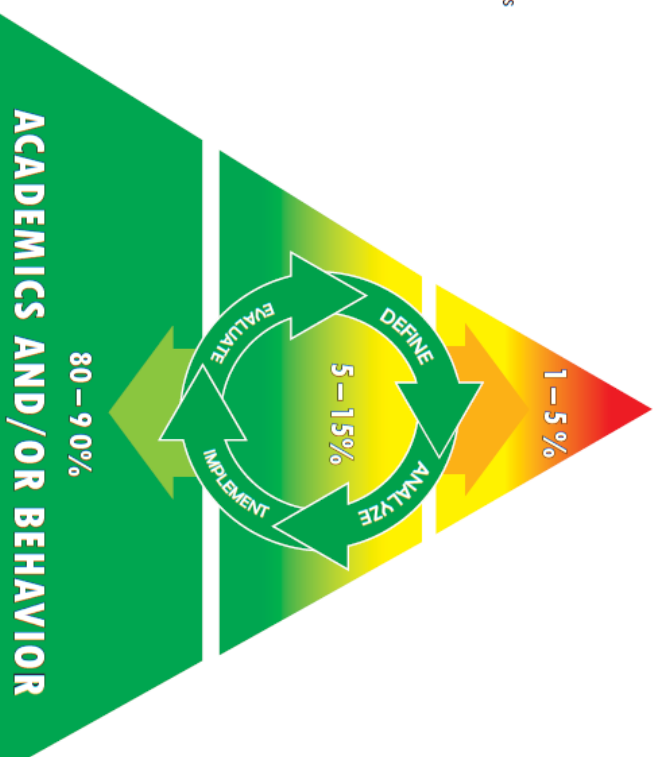
- 1 - 5% of students
- Assessment-based
- Individual or small groups
- Intense, explicit instruction, rigorous
- Replacement core with layered interventions
- Frequent progress monitoring
- Accessibility tools

### Tier 2 - Strategic/Targeted

- 5 - 15% at-risk
- Assessment-based
- Needs-based, small groups
- Explicit instruction
- Targeted needs-based
- Progress monitoring

### Tier 1 - Universal

- All students
- Research-based curriculum
- Proactive, differentiated instruction
- Whole group & flexible small groups
- Universal screening



## Behavior System

### Tier 3 - Intensive

- Individual students
- Behavior improvement plan
- Intensive social emotional learning
- Frequent progress monitoring (daily)

### Tier 2 - Strategic/Targeted

- Group Level prevention by topic i.e.: bullying, harassment
- Training to enhance motivation
- Personalized problem solving
- Progress monitoring consistently

### Tier 1 - Universal

- All settings, all students
- PBIS research-based practices
- Pro-Social skills instruction
- Consistent classroom management model
- School-wide expectations

RTI/MTSS



# Framework for Secondary Placement 2016-17

## Reading and Language Arts

Tier	Universal Screening	Programs/Strategies and Courses	Progress Monitoring																							
Tier 1 Advanced Core percentile of 75 and above	MAP percentile of 75 and above*	<b>Programs / Strategies</b> N/A	<b>MAP</b> Fall & Spring (Language Usage and Reading)																							
	<table> <tr> <th>Grade</th><th>Reading RIT</th><th>Language Usage RIT</th><th>Percentile</th></tr> <tr> <td>6<sup>th</sup></td><td>≥ 226</td><td>≥ 224</td><td>≥ 75</td></tr> <tr> <td>7<sup>th</sup></td><td>≥ 228</td><td>≥ 227</td><td>≥ 75</td></tr> <tr> <td>8<sup>th</sup></td><td>≥ 231</td><td>≥ 229</td><td>≥ 75</td></tr> <tr> <td>9<sup>th</sup></td><td>≥ 233</td><td>≥ 230</td><td>≥ 75</td></tr> <tr> <td>10<sup>th</sup></td><td>≥ 233</td><td>≥ 231</td><td>≥ 75</td></tr> </table>	Grade	Reading RIT	Language Usage RIT	Percentile	6 <sup>th</sup>	≥ 226	≥ 224	≥ 75	7 <sup>th</sup>	≥ 228	≥ 227	≥ 75	8 <sup>th</sup>	≥ 231	≥ 229	≥ 75	9 <sup>th</sup>	≥ 233	≥ 230	≥ 75	10 <sup>th</sup>	≥ 233	≥ 231	≥ 75	<b>Courses</b> English I in middle school Apex Learning for high school credit in middle school Advanced English Apex Learning for honors courses Advanced Placement (AP) / IB
Grade	Reading RIT	Language Usage RIT	Percentile																							
6 <sup>th</sup>	≥ 226	≥ 224	≥ 75																							
7 <sup>th</sup>	≥ 228	≥ 227	≥ 75																							
8 <sup>th</sup>	≥ 231	≥ 229	≥ 75																							
9 <sup>th</sup>	≥ 233	≥ 230	≥ 75																							
10 <sup>th</sup>	≥ 233	≥ 231	≥ 75																							
Tier 1 Core above percentile of 40 and above	MAP percentile of 40 and above*	<b>Programs / Strategies</b> Core curricula implemented with fidelity Differentiated instruction/strategies Comprehensive core materials including online	<b>MAP</b> Fall & Spring (Language Usage and Reading)																							
	<table> <tr> <th>Grade</th><th>Reading RIT</th><th>Language Usage RIT</th><th>Percentile</th></tr> <tr> <td>6<sup>th</sup></td><td>≥ 212</td><td>≥ 212</td><td>≥ 40</td></tr> <tr> <td>7<sup>th</sup></td><td>≥ 214</td><td>≥ 214</td><td>≥ 40</td></tr> <tr> <td>8<sup>th</sup></td><td>≥ 216</td><td>≥ 215</td><td>≥ 40</td></tr> <tr> <td>9<sup>th</sup></td><td>≥ 218</td><td>≥ 217</td><td>≥ 40</td></tr> <tr> <td>10<sup>th</sup></td><td>≥ 217</td><td>≥ 216</td><td>≥ 40</td></tr> </table>	Grade	Reading RIT	Language Usage RIT	Percentile	6 <sup>th</sup>	≥ 212	≥ 212	≥ 40	7 <sup>th</sup>	≥ 214	≥ 214	≥ 40	8 <sup>th</sup>	≥ 216	≥ 215	≥ 40	9 <sup>th</sup>	≥ 218	≥ 217	≥ 40	10 <sup>th</sup>	≥ 217	≥ 216	≥ 40	<b>Courses</b> HMH Collections Language Arts 6, 7 or 8 HMH English 1 & 2 Collections
Grade	Reading RIT	Language Usage RIT	Percentile																							
6 <sup>th</sup>	≥ 212	≥ 212	≥ 40																							
7 <sup>th</sup>	≥ 214	≥ 214	≥ 40																							
8 <sup>th</sup>	≥ 216	≥ 215	≥ 40																							
9 <sup>th</sup>	≥ 218	≥ 217	≥ 40																							
10 <sup>th</sup>	≥ 217	≥ 216	≥ 40																							
Tier 2 Core + More percentile between 20 and 39	MAP percentile between 20 and 39*	<b>Programs / Strategies</b> Targeted instruction in addition to Tier I Comprehensive core materials including online Core intervention materials Lexia strategies for older students Step up to Writing - Strategies MobyMax Rewards	<b>MAP</b> F, W & S (Language Usage and Reading)																							
	<table> <tr> <th>Grade</th><th>Reading RIT</th><th>Language Usage RIT</th><th>Percentile</th></tr> <tr> <td>6<sup>th</sup></td><td>203-212</td><td>204-212</td><td>20-39</td></tr> <tr> <td>7<sup>th</sup></td><td>205-214</td><td>206-214</td><td>20-39</td></tr> <tr> <td>8<sup>th</sup></td><td>207-216</td><td>207-215</td><td>20-39</td></tr> <tr> <td>9<sup>th</sup></td><td>208-217</td><td>208-216</td><td>20-39</td></tr> <tr> <td>10<sup>th</sup></td><td>206-216</td><td>207-216</td><td>20-39</td></tr> </table>	Grade	Reading RIT	Language Usage RIT	Percentile	6 <sup>th</sup>	203-212	204-212	20-39	7 <sup>th</sup>	205-214	206-214	20-39	8 <sup>th</sup>	207-216	207-215	20-39	9 <sup>th</sup>	208-217	208-216	20-39	10 <sup>th</sup>	206-216	207-216	20-39	<b>Courses</b> Fundamentals of Eng. 1 & 2 using modified Collections Language Arts Strategies Academic Assistance or Strategies Freshman Transitions
Grade	Reading RIT	Language Usage RIT	Percentile																							
6 <sup>th</sup>	203-212	204-212	20-39																							
7 <sup>th</sup>	205-214	206-214	20-39																							
8 <sup>th</sup>	207-216	207-215	20-39																							
9 <sup>th</sup>	208-217	208-216	20-39																							
10 <sup>th</sup>	206-216	207-216	20-39																							
Tier 3 Core Replacement percentile below 20	MAP percentile below 20*	<b>Programs / Strategies</b> Longer duration / usually double block Corrective Reading Decoding and Comprehension Reasoning & Writing	<b>MAP</b> F, W & S (Language Usage and Reading)																							
	<table> <tr> <th>Grade</th><th>Reading RIT</th><th>Language Usage RIT</th><th>Percentile</th></tr> <tr> <td>6<sup>th</sup></td><td>&lt; 203</td><td>&lt; 204</td><td>&lt; 20</td></tr> <tr> <td>7<sup>th</sup></td><td>&lt; 205</td><td>&lt; 206</td><td>&lt; 20</td></tr> <tr> <td>8<sup>th</sup></td><td>&lt; 206</td><td>&lt; 207</td><td>&lt; 20</td></tr> <tr> <td>9<sup>th</sup></td><td>&lt; 208</td><td>&lt; 208</td><td>&lt; 20</td></tr> <tr> <td>10<sup>th</sup></td><td>&lt; 206</td><td>&lt; 206</td><td>&lt; 20</td></tr> </table>	Grade	Reading RIT	Language Usage RIT	Percentile	6 <sup>th</sup>	< 203	< 204	< 20	7 <sup>th</sup>	< 205	< 206	< 20	8 <sup>th</sup>	< 206	< 207	< 20	9 <sup>th</sup>	< 208	< 208	< 20	10 <sup>th</sup>	< 206	< 206	< 20	<b>Courses</b> READ 180 w/ System 44
Grade	Reading RIT	Language Usage RIT	Percentile																							
6 <sup>th</sup>	< 203	< 204	< 20																							
7 <sup>th</sup>	< 205	< 206	< 20																							
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10 <sup>th</sup>	< 206	< 206	< 20																							

\* Based on RIT from previous Spring

Revised 10/18/16

DRAFT pending approval



## Framework for Secondary Placement 2016-17

### Mathematics

Tier	Universal Screening	Programs/Strategies and Courses	Progress Monitoring																		
<b>Tier 1</b> Advanced Core percentile of 75 and above	MAP percentile of 75 and above* <table><tr><th>Grade</th><th>Math RIT</th><th>Percentile</th></tr><tr><td>6<sup>th</sup></td><td>≥ 237</td><td>≥ 75</td></tr><tr><td>7<sup>th</sup></td><td>≥ 241</td><td>≥ 75</td></tr><tr><td>8<sup>th</sup></td><td>≥ 244</td><td>≥ 75</td></tr><tr><td>9<sup>th</sup></td><td>≥ 247</td><td>≥ 75</td></tr><tr><td>10<sup>th</sup></td><td>≥ 246</td><td>≥ 75</td></tr></table>	Grade	Math RIT	Percentile	6 <sup>th</sup>	≥ 237	≥ 75	7 <sup>th</sup>	≥ 241	≥ 75	8 <sup>th</sup>	≥ 244	≥ 75	9 <sup>th</sup>	≥ 247	≥ 75	10 <sup>th</sup>	≥ 246	≥ 75	<u>Programs / Strategies</u> ALEKS  <u>Courses</u> GO Math! for grades 7 and 8 HMH Algebra I, II and Geometry Apex Learning for high school credit in middle school Advanced Placement (AP) / IB	<b>MAP</b> Fall and Spring (End of Course)
Grade	Math RIT	Percentile																			
6 <sup>th</sup>	≥ 237	≥ 75																			
7 <sup>th</sup>	≥ 241	≥ 75																			
8 <sup>th</sup>	≥ 244	≥ 75																			
9 <sup>th</sup>	≥ 247	≥ 75																			
10 <sup>th</sup>	≥ 246	≥ 75																			
<b>Tier 1</b> Core percentile of 40 and above	MAP percentile of 40 and above* <table><tr><th>Grade</th><th>Math RIT</th><th>Percentile</th></tr><tr><td>6<sup>th</sup></td><td>≥ 221</td><td>≥ 40</td></tr><tr><td>7<sup>th</sup></td><td>≥ 224</td><td>≥ 40</td></tr><tr><td>8<sup>th</sup></td><td>≥ 226</td><td>≥ 40</td></tr><tr><td>9<sup>th</sup></td><td>≥ 228</td><td>≥ 40</td></tr><tr><td>10<sup>th</sup></td><td>≥ 227</td><td>≥ 40</td></tr></table>	Grade	Math RIT	Percentile	6 <sup>th</sup>	≥ 221	≥ 40	7 <sup>th</sup>	≥ 224	≥ 40	8 <sup>th</sup>	≥ 226	≥ 40	9 <sup>th</sup>	≥ 228	≥ 40	10 <sup>th</sup>	≥ 227	≥ 40	<u>Programs / Strategies</u> Core curricula implemented with fidelity Core supplemental and online material Differentiated instruction/strategies Rocket Math (6 <sup>th</sup> grade)  <u>Courses</u> HMH GO Math! for grades 6, 7 or 8 HMH Algebra I, II and Geometry	<b>MAP</b> Fall and Spring (End of Course)
Grade	Math RIT	Percentile																			
6 <sup>th</sup>	≥ 221	≥ 40																			
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Grade	Math RIT	Percentile																			
6 <sup>th</sup>	211-221	20-39																			
7 <sup>th</sup>	214-224	20-39																			
8 <sup>th</sup>	215-226	20-39																			
9 <sup>th</sup>	217-228	20-39																			
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<b>Tier 3</b> Core Replacement percentile below 20	MAP percentile below 20* <table><tr><th>Grade</th><th>Math RIT</th><th>Percentile</th></tr><tr><td>6<sup>th</sup></td><td>&lt; 211</td><td>&lt; 20</td></tr><tr><td>7<sup>th</sup></td><td>&lt; 213</td><td>&lt; 20</td></tr><tr><td>8<sup>th</sup></td><td>&lt; 214</td><td>&lt; 20</td></tr><tr><td>9<sup>th</sup></td><td>&lt; 216</td><td>&lt; 20</td></tr><tr><td>10<sup>th</sup></td><td>&lt; 214</td><td>&lt; 20</td></tr></table>	Grade	Math RIT	Percentile	6 <sup>th</sup>	< 211	< 20	7 <sup>th</sup>	< 213	< 20	8 <sup>th</sup>	< 214	< 20	9 <sup>th</sup>	< 216	< 20	10 <sup>th</sup>	< 214	< 20	<u>Programs / Strategies</u> Longer duration / usually double block Systematic instruction MATH 180 TransMath HMH Transition to Algebra ALEKS  <u>Courses</u> Foundations of Math 1 and 2 Fundamentals of Intro. to Algebra Fundamentals of Algebra Intro. to Algebra	<b>MAP</b> F, W & S  <b>Program Assessment PM</b>  <b>AIMSweb PM</b> (monthly)
Grade	Math RIT	Percentile																			
6 <sup>th</sup>	< 211	< 20																			
7 <sup>th</sup>	< 213	< 20																			
8 <sup>th</sup>	< 214	< 20																			
9 <sup>th</sup>	< 216	< 20																			
10 <sup>th</sup>	< 214	< 20																			

\* Based on RIT from previous Spring

# Alaska Performance Scholarship

class of 2016 & beyond

## ALASKA PERFORMANCE SCHOLARSHIP



To apply for the APS and other financial aid opportunities, students must complete a FAFSA (Free Application for Federal Student Aid) by June 30th of each year. Visit [fafsa.ed.gov](http://fafsa.ed.gov)

Required Curriculum (for all levels)	Math & Science Curriculum:		Social Studies & Language Curriculum:	
Students can choose either curriculum option.  <i>Contact your counselor for information about APS courses. Approved courses may also be available through resources such as the University of Alaska or others. Eligibility is determined based upon courses with a letter grade contained in your high school's permanent student record.</i>	Science (4 credits)		Science (3 credits)	
	Math (4 credits)		Math (3 credits)	
	Social Studies (4 credits)		Social Studies (4 credits)	
	Language Arts (4 credits)		Language Arts (4 credits)	
			World Language (2 credits)	same language for both credits

	Level 1	Level 2	Level 3
	UP TO <b>\$4,755</b> per year	UP TO <b>\$3,566</b> per year	UP TO <b>\$2,378</b> per year
Required GPA	<input type="checkbox"/> 3.5 or greater	<input type="checkbox"/> 3.0 or greater	<input type="checkbox"/> 2.5 or greater
Required Testing  <i>"Certificate" means a career &amp; technical education certificate and does not include associate's degrees.</i>	ACT/SAT: Use APS for degree or certificate		
	<input type="checkbox"/> ACT 25 SAT 1210* <small>*for SAT taken March 2016 or later</small>	<input type="checkbox"/> ACT 23 SAT 1130* <small>*for SAT taken March 2016 or later</small>	<input type="checkbox"/> ACT 21 SAT 1060* <small>*for SAT taken March 2016 or later</small>
	WorkKeys: <b>Use APS for certificate only</b> <small>A combination score of 13 or higher with no score below 4, is required in Applied Math, Locating Information, and Reading for Information</small>		
	<input type="checkbox"/> WorkKeys 13	<input type="checkbox"/> WorkKeys 13	<input type="checkbox"/> WorkKeys 13



rev. 07/21/2016

On track to qualify? Get ready to put your APS award to work!  
Download Initial Award and Continuing Eligibility Checklists at [APS.alaska.gov](http://APS.alaska.gov)

**Questions? Visit [APS.alaska.gov](http://APS.alaska.gov)**





# ALASKA PERFORMANCE SCHOLARSHIP



To apply for the APS and other financial aid opportunities, students must complete a FAFSA (Free Application for Federal Student Aid) by June 30th of each year. Visit [fafsa.ed.gov](http://fafsa.ed.gov)

## APS QUALIFYING COURSES

Only approved courses can be used to complete the required APS curriculum. Eligibility is determined based upon courses with a letter grade contained in your school's permanent student record. Each requirement is for a complete unit of credit (half-credit courses count as half of a required APS course).

The State Board of Education & Early Development has published the following approved standard courses. Any course consisting of a complete unit of credit and matching the titles of the approved standard courses can be used to meet the APS curriculum requirements.

Public School Districts may also approve standard courses. Each school district is responsible for providing students with a complete list of APS-qualifying courses.

For private/homeschool students applying for the APS to the Department of Education & Early Development (EED) using the APS Eligibility Determination Application, the use of any additional courses to meet the APS curriculum requirements must first be approved by EED.

## STUDENTS MAY ALSO USE APPROVED ADDITIONAL COURSES AS FOLLOWS:

**Social Studies & Language Curriculum option:**

Up to one additional course may be substituted for a standard course in each subject area (math, science, language arts, and social studies).

**Math & Science Curriculum option:**

Up to one additional course may be substituted for a standard course in math and language arts, and up to two additional courses may be substituted for standard courses in science and social studies. Additionally, for the Math & Science Curriculum option only, a foreign language, Alaska Native Language, American Sign Language, cultural heritage, or fine arts course may be substituted for one standard course of social studies.

*Please note: Students in public school districts can select additional courses only from a list of approved additional courses provided by their district.*

### MATH

standard courses

- ☐ algebra 1
- ☐ algebra 2
- ☐ geometry
- ☐ trigonometry
- ☐ pre-calculus
- ☐ calculus
- ☐ calculus 2
- ☐ statistics

### SCIENCE

standard courses

- ☐ physical science
- ☐ earth science
- ☐ biology
- ☐ chemistry
- ☐ physics
- ☐ marine biology
- ☐ anatomy & physiology

### LANGUAGE ARTS

standard courses

- ☐ composition
- ☐ American literature
- ☐ world literature
- ☐ speech & debate
- ☐ advanced composition
- ☐ creative writing
- ☐ British literature

### SOCIAL STUDIES

standard courses

- ☐ world history
- ☐ American history
- ☐ geography
- ☐ American government
- ☐ civics
- ☐ economics
- ☐ Alaska history
- ☐ western civilization
- ☐ eastern civilization
- ☐ psychology
- ☐ sociology

## WAYS TO ACCESS APPROVED COURSES:

Several alternative sources to access approved APS courses are available (such as the University of Alaska or others). In most cases, a fee will be required to enroll in these courses. If you are considering using courses from outside of your school to qualify for the APS, ensure these courses are approved by your district.



Questions? Visit [APS.alaska.gov](http://APS.alaska.gov)



# MSBSD APS Reference Chart

## Definitions:

Standard- Meets APS course approval  
Equivalent- Equal to a course labeled as standard  
Additional- Meets EED or career readiness standards

Core Subject	Course Title	Date	Standard (APS Approved) or Equivalent or Additional	Comments	EED 2012 Standards Met	Course Approval Form on File
Language Arts						
LA	Advanced Composition	1/1/13	Yes Standard			
LA	Advanced Creative Writing	1/1/13	Yes Standard			
LA	American Literature	1/1/13	Yes Standard			
LA	AP Language & Composition	1/1/13	Yes Standard			
LA	AP Literature & Composition	1/1/13	Yes Standard			
LA	British Literature	1/1/13	Yes Standard			
LA	Classical Literature	1/1/13	Yes Standard			
LA	College Composition	1/1/13	Yes Standard			
LA	College English 111	11/12/14	Yes Standard		X	Y
LA	Contemporary Literature and Issues	1/1/13	Yes Standard			
LA	Creative Writing	1/1/13	Yes Standard			
LA	Debate and Forensics	1/1/13	Yes Standard			
LA	IB Classical Literature	1/1/31	Yes Standard			
LA	IB Humanities	1/1/13	Yes Standard			
LA	IB Literature and Ideas	1/1/13	Yes Standard			
LA	IB Modern World Novel	1/1/13	Yes Standard			
LA	Intermediate Composition	1/1/13	Yes Standard			
LA	Speech	1/1/13	Yes Standard			
LA	World Literature	1/1/13	Yes Standard			
LA	Advanced Poetry	11/12/14	Yes Equivalent	Equivalent to Creative Writing	X	Y
LA	Contemporary Alaskan Literature	9/15/13	Yes Equivalent	Equivalent to Literature	X	Y
LA	English 1	1/1/13	Yes Equivalent	Equivalent to .5 Literature and .5 Composition	X	Y
LA	English 2	1/1/13	Yes Equivalent	Equivalent to .5 Literature and .5 Composition	X	Y
LA	English 3	1/1/13	Yes Equivalent	Equivalent to .5 American Literature and .5 composition	X	Y
LA	English 4	1/1/13	Yes Equivalent	Equivalent to 5 Advanced Composition and .5 Literature Analysis	X	Y
LA	Honors English 1	1/1/13	Yes Equivalent	Equivalent to .5 Literature and .5 Composition	X	Y
LA	Honors English 2	1/1/13	Yes Equivalent	Equivalent to .5 Literature and .5 Composition	X	Y
LA	Honors English 3	1/1/13	Yes Equivalent	Equivalent to .5 American Literature and .5 Composition	X	Y
LA	Humanities/English	11/12/14	Yes Equivalent	Equivalent to Speech & Composition	X	Y
LA	Mythology	1/1/13	Yes Equivalent	Equivalent to Literature	X	Y
LA	Poetry	11/12/14	Yes Equivalent	Equivalent to Creative Writing	X	Y
LA	Science Fiction	11/12/14	Yes Equivalent	Equivalent to Literature	X	Y
LA	Shakespeare	1/1/13	Yes Equivalent	Equivalent to .5 Literature	X	Y
LA	Short Story	1/1/13	Yes Equivalent	Equivalent to .5 Literature & Creative Writing	X	Y
LA	Advanced Cinema As Art	1/1/13	Yes Additional		X	Y
LA	Applied Communication 1	1/1/13	Yes Additional		X	Y
LA	Applied Communication 2	1/1/13	Yes Additional		X	Y
LA	Bible within History & Literature	1/1/13	Yes Additional		X	Y
LA	Cinema As Art	1/1/13	Yes Additional		X	Y
LA	Frontier Literature	1/1/13	Yes Additional		X	Y
LA	Journalism 1	1/1/13	Yes Additional		X	Y
LA	Journalism 2	1/1/13	Yes Additional		X	Y
LA	Performance Poetry	1/1/13	Yes Additional		X	Y
LA	Technical Writing 1	1/1/13	Yes Additional		X	Y
LA	Technical Writing 2	1/1/13	Yes Additional		X	Y
LA	Advanced Literature Seminar	1/1/13	No	LA Support Class		
LA	LA Strategies	1/1/13	No	LA Support Class		
LA	Readers Theater	1/1/13	No	Does not adequately meet EED standards		
LA	Communication Lab	1/1/13	No	LA Support Class		
Math						
Math	Algebra 1	1/1/13	Yes Standard			
Math	Algebra 2	1/1/13	Yes Standard			
Math	Algebra For Finance	11/12/14	Yes Standard		X	Y
Math	AP Calculus AB	1/1/13	Yes Standard			
Math	AP Calculus BC	1/1/13	Yes Standard			
Math	AP Statistics	1/1/13	Yes Standard			
Math	Calculus	1/1/13	Yes Standard			
Math	College Algebra	11/12/14	Yes Standard		X	Y
Math	Geometry	1/1/13	Yes Standard			
Math	Honors Geometry	1/1/13	Yes Standard			
Math	IB Calculus SL	1/1/13	Yes Standard			
Math	IB Mathematics HL	1/1/13	Yes Standard			
Math	IB Mathematics SL	1/1/13	Yes Standard			
Math	Informal Geometry	1/1/13	Yes Standard			
Math	Intermediate Algebra	11/12/14	Yes Standard		X	Y
Math	Pre-Calculus with Trigonometry	1/1/13	Yes Standard			
Math	Trigonometry	1/1/13	Yes Standard			
Math	Trigonometry Applications	11/12/14	Yes Standard		X	Y
Math	AP Computer Science	5/13/15	Yes Additional		X	Y

Math	Advanced Math Seminar	1/1/13	No		Math Support Class		
Math	Mathematical Applications of Alaska	1/1/13	No		Does not adequately meet EED standards		
Math	Intro to Algebra	1/1/13	No		APS does not recognize		
Math	Math Strategies	1/1/13	No		Math Support Class		
<b>Science</b>							
Sci	Anatomy and Physiology	1/1/2013	Yes	Standard			
Sci	AP Biology	1/1/13	Yes	Standard			
Sci	AP Chemistry	1/1/13	Yes	Standard			
Sci	AP Physics	1/1/13	Yes	Standard			
Sci	Biology	1/1/13	Yes	Standard			
Sci	Chemistry	1/1/13	Yes	Standard			
Sci	Chemistry in the Community	1/1/13	Yes	Standard			
Sci	Conceptual Physics	1/1/13	Yes	Standard			
Sci	Earth Science	1/1/13	Yes	Standard			
Sci	Honors Biology	1/1/13	Yes	Standard			
Sci	Honors Physical Science	1/1/13	Yes	Standard			
Sci	IB Biology 1 HL	1/1/13	Yes	Standard			
Sci	IB Biology 2 HL	1/1/13	Yes	Standard			
Sci	IB Chemistry HL	1/1/13	Yes	Standard			
Sci	IB Chemistry SL	1/1/13	Yes	Standard			
Sci	IB Environmental Systems & Societies SL	1/1/13	Yes	Standard			
Sci	IB HL Physics /AP C: Mechanics	1/1/13	Yes	Standard			
Sci	IB Physics SL	1/1/13	Yes	Standard			
Sci	Physical Science	1/1/13	Yes	Standard			
Sci	Physics	1/1/13	Yes	Standard			
Sci	Accelerated Integrated Science	1/1/13	Yes	Equivalent	Equivalent to .5 Physical Science & Equivalent to .5 Biology	X	Y
Sci	AP Environmental Science	11/12/14	Yes	Equivalent	Equivalent to Biology	X	Y
Sci	Astronomy	11/12/14	Yes	Equivalent	Equivalent to Earth Science	X	Y
Sci	Bacteriology	11/12/14	Yes	Equivalent	Equivalent to Biology and Chemistry	X	Y
Sci	Ecological Studies	11/12/14	Yes	Equivalent	Equivalent to Biology	X	Y
Sci	Ecology	11/12/14	Yes	Equivalent	Equivalent to Biology	X	Y
Sci	Emergency Medical Tech 1	11/12/14	Yes	Equivalent	Meets career readiness criteria & Equivalent to Anatomy	X	Y
Sci	Environmental Science	8/17/15	Yes	Equivalent	Equivalent to Ecological Studies or Ecology	X	Y
Sci	Genetics	11/12/14	Yes	Equivalent	Equivalent to Biology and Anatomy	X	Y
Sci	Geology	11/12/14	Yes	Equivalent	Equivalent to Earth Science	X	Y
Sci	Honors Integrated Science 1	1/1/13	Yes	Equivalent	Equivalent to Physical Science	X	Y
Sci	Honors Integrated Science 2	1/1/13	Yes	Equivalent	Equivalent to Biology	X	Y
Sci	Integrated Science 1	1/1/13	Yes	Equivalent	Equivalent to Physical Science	X	Y
Sci	Integrated Science 2	1/1/13	Yes	Equivalent	Equivalent to Biology	X	Y
Sci	Oceanography	11/12/14	Yes	Equivalent	Equivalent to Marine Biology & Earth Science	X	Y
Sci	Zoology	11/12/14	Yes	Equivalent	Equivalent to Marine Biology	X	Y
Sci	Advanced Robotics	5/13/15	Yes	Additional		X	Y
Sci	Alaskan Wildlife	1/1/13	Yes	Additional		X	Y
Sci	AP Computer Science Principles	6/14/16	Yes	Additional		X	Y
Sci	Certified Nursing Assistant	2/27/17	Yes	Additional	Meets career readiness criteria	X	Y
Sci	Competitive Robotics	5/13/15	Yes	Additional		X	Y
Sci	Dental Assistant	2/27/17	Yes	Additional		X	Y
Sci	Emergency Trauma Technician	2/27/17	Yes	Additional		X	Y
Sci	Forensics 1	1/1/13	Yes	Additional		X	Y
Sci	Forensics 2	1/1/13	Yes	Additional		X	Y
Sci	Hydraulic/Pneumatics (Diesel Power)	2/27/17	Yes	Additional		X	Y
Sci	Medical Assistant	2/27/17	Yes	Additional		X	Y
Sci	Principals of Aviation Science	1/1/13	Yes	Additional	Meets career readiness criteria	X	Y
Sci	Principals of Technology 1	1/1/13	Yes	Additional		X	Y
Sci	Principals of Technology 2	1/1/13	Yes	Additional		X	Y
Sci	Principles of Biomedical Sciences	2/27/17	Yes	Additional		X	Y
Sci	Process Technology	2/27/17	Yes	Additional		X	Y
Sci	Robotics	5/13/15	Yes	Additional		X	Y
Sci	Science Olympiad	1/1/13	Yes	Additional		X	Y
Sci	Veterinary Assistant	2/27/17	Yes	Additional		X	Y
Sci	Advanced Science Seminar	1/1/13	No		Science Support Class		
Sci	Equine Science	1/1/13	No		Does not adequately meet EED standards or career readiness		
Sci	Forces of Nature	1/1/13	No		Does not adequately meet EED standards or career readiness		
Sci	Principals of Archeological Science	1/1/13	No		Does not adequately meet EED standards or career readiness		
<b>Social Studies</b>							
SS	Alaska History	1/1/2013	Yes	Standard			
SS	AP Comparative Gov't and Politics	1/1/13	Yes	Standard			
SS	AP Psychology	1/1/13	Yes	Standard			
SS	AP US Government	1/1/13	Yes	Standard			
SS	AP US History	1/1/13	Yes	Standard			
SS	AP World History	1/1/13	Yes	Standard			
SS	Civics	1/1/13	Yes	Standard			
SS	Economics	1/1/13	Yes	Standard			
SS	Honors US History	1/1/13	Yes	Standard			
SS	Honors World History	1/1/13	Yes	Standard			
SS	IB History of the Americas HL	1/1/13	Yes	Standard			
SS	IB Philosophy HL	1/1/13	Yes	Standard			
SS	IB Philosophy SL	1/1/13	Yes	Standard			
SS	IB Technology	1/1/13	Yes	Standard			
SS	IB Theory of Knowledge 1	1/1/13	Yes	Standard			
SS	IB Theory of Knowledge 2	1/1/13	Yes	Standard			
SS	IB US History HL	1/1/13	Yes	Standard			

SS	IB World 20 <sup>th</sup> History	1/1/13	Yes	Standard			
SS	Psychology	1/1/13	Yes	Standard			
SS	Sociology	1/1/13	Yes	Standard			
SS	US Government	1/1/13	Yes	Standard			
SS	US History	1/1/13	Yes	Standard			
SS	World Geography	1/1/13	Yes	Standard			
SS	World History	1/1/13	Yes	Standard			
SS	Honors Law Related Studies	11/12/14	Yes	Equivalen	Equivalent to Civics	X	Y
SS	Law Related Studies	11/12/14	Yes	Equivalen	Equivalent to Civics	X	Y
SS	Legal Systems	11/12/14	Yes	Equivalen	Equivalent to Civics	X	Y
SS	American Civil War	1/1/13	Yes	Additional		X	Y
SS	Anthropology	1/1/13	Yes	Additional		X	Y
SS	AP European History	5/13/15	Yes	Additional		X	Y
SS	Bible within History and Literature	1/1/13	Yes	Additional	Cross referenced in Lang. Arts	X	Y
SS	Comparative World Religions	1/20/13	Yes	Additional		X	Y
SS	Current Issues	1/1/13	Yes	Additional		X	Y
SS	Early American History	1/1/13	Yes	Additional		X	Y
SS	Ethics, Morals, & Culture	1/1/13	Yes	Additional		X	Y
SS	Holocaust and Genocide Studies	12/18/13	Yes	Additional		X	Y
SS	Introduction to Philosophical Issues	1/1/13	Yes	Additional		X	Y
SS	Mid-East Studies	1/1/13	Yes	Additional		X	Y
SS	Pacific Rim	1/1/13	Yes	Additional		X	Y
SS	Russian History	1/1/13	Yes	Additional		X	Y
SS	Youth Court Service	1/1/13	Yes	Additional		X	Y
SS	Advanced Social Studies Seminar	1/1/13	No		Social Studies Support Class		
SS	Alternative to Conflicts	1/1/13	No		Does not adequately address standards		
SS	Leadership	1/1/13	No		Does not adequately address standards		

# Credit Check 2015



## Credit Check: 2015

Office of Instruction  
Mat-Su Borough School District  
501 N. Gulkana  
Palmer, AK 99645  
P: (907) 761-4042 || F: (907) 746-9292

Print Form

Student Name

Student ID

**Students must earn a minimum of 22 credits and have met all requirements.**

Language Arts	
(4 Credits)	
English 1-S1	
English 1 -S2	
English 2-S1	
English 2-S2	
English Elective	
English Elective	
English Elective	
English Elective	

Mathematics	
(3 Credits)	
Algebra-S1	
Algebra -S2	
Geometry-S1	
Geometry-S2	
Math Elective	
Math Elective	
Math Elective*	
Math Elective*	

Social Studies	
(3 Credits)	
World History-S1	
World History-S2	
US History-S1	
US History-S2	
Alaska History	
US Government	
SS Elective*	
SS Elective*	

Science	
(3 Credits)	
Physical 1-S1	
Physical 1 -S2	
Biology 2-S1	
Biology 2-S2	
Science Elective	
Science Elective	
Science Elective*	
Science Elective*	

Electives			
(7.5 Credits)			
		APS	
		M&S	SS&L
5			
1			
1.5			
2			
2.5			
3			
3.5			
4			
4.5			
5			
5.5			
6			
6.5			
7			
7.5			
8			
8.5			

Physical Education	
(1 Credit)	
PE	
PE	

Health	
(.5 Credit)	
Health	

World Language	
Not Required	
WL1-S1*	
WL1-S2*	
WL2-S1*	
WL2-S2*	

Assessments	
Assessment	Date
ACT	
SAT	
Work Keys	

Credits	
Required	22
Earned	
Attempted	

Notes

\* Denotes APS Requirement above MSBSD Graduation Requirement



# Credit Check 2016



## Credit Check: 2016

Office of Instruction  
Mat-Su Borough School District  
501 N. Gulkana  
Palmer, AK 99645  
P: (907) 761-4042 || F: (907) 746-9292

Print Form

Student Name

Student ID

**Students must earn a minimum of 23.5 credits and have met all requirements.**

Language Arts	
(4 Credits)	
English 1-S1	
English 1 -S2	
English 2-S1	
English 2-S2	
English Elective	
English Elective	
English Elective	
English Elective	

Mathematics	
(3 Credits)	
Algebra-S1	
Algebra -S2	
Geometry-S1	
Geometry-S2	
Math Elective	
Math Elective	
Math Elective*	
Math Elective*	

Social Studies	
(3.5 Credits)	
Civics	
World History-S1	
World History-S2	
US History-S1	
US History-S2	
Alaska History	
US Government	
SS Elective*	

Science	
(3 Credits)	
Physical 1-S1	
Physical 1 -S2	
Biology 2-S1	
Biology 2-S2	
Science Elective	
Science Elective	
Science Elective*	
Science Elective*	

Electives			
(8.5 Credits)			
		APS	
		M&S	SS&L
5			
1			
1.5			
2			
2.5			
3			
3.5			
4			
4.5			
5			
5.5			
6			
6.5			
7			
7.5			
8			
8.5			

Physical Education	
(1 Credit)	
PE	
PE	

Health	
(.5 Credit)	
Health	

World Language	
Not Required	
WL1-S1*	
WL1-S2*	
WL2-S1*	
WL2-S2*	

Assessments	
Assessment	Date
ACT	
SAT	
Work Keys	

Credits	
Required	23.5
Earned	
Attempted	

Notes

\* Denotes APS Requirement above MSBSD Graduation Requirement

# Credit Check 2017 and Beyond



## Credit Check: 2017 and Beyond

Office of Instruction  
Mat-Su Borough School District  
501 N. Gulkana  
Palmer, AK 99645  
P: (907) 761-4042 || F: (907) 746-9292

Print Form

Student Name

Student ID

**Students must earn a minimum of 24.5 credits and have met all requirements.**

Language Arts	
(4 Credits)	
English 1-S1	
English 1 -S2	
English 2-S1	
English 2-S2	
English Elective	
English Elective	
English Elective	
English Elective	

Mathematics	
(3 Credits)	
Algebra-S1	
Algebra -S2	
Geometry-S1	
Geometry-S2	
Math Elective	
Math Elective	
Math Elective*	
Math Elective*	

Social Studies	
(3.5 Credits)	
Civics	
World History-S1	
World History-S2	
US History-S1	
US History-S2	
Alaska History	
US Government	
SS Elective*	

\* Denotes APS Requirement above MSBSD Graduation Requirement

Science	
(3 Credits)	
Physical 1-S1	
Physical 1 -S2	
Biology 2-S1	
Biology 2-S2	
Science Elective	
Science Elective	
Science Elective*	
Science Elective*	

Electives			
(9.5 Credits)			
		APS	
		M&S	SS&L
5			
1			
1.5			
2			
2.5			
3			
3.5			
4			
4.5			
5			
5.5			
6			
6.5			
7			
7.5			
8			
8.5			
9			
9.5			

Physical Education	
(1 Credit)	
PE	
PE	

Health	
(.5 Credit)	
Health	

World Language	
Not Required	
WL1-S1*	
WL1-S2*	
WL2-S1*	
WL2-S2*	

Assessments	
Assessment	Date
ACT	
SAT	
Work Keys	

Credits	
Required	24.5
Earned	
Attempted	

Notes