

STUDENT REGISTRATION HANDBOOK



2018-2019

KMS REGISTRATION TIMELINE

Incoming 6th Graders

December 4-8	Music Department DVD Presentation at KPS Elementary Music classrooms
February 5-6	KMS staff visits to District #5 elementary schools
February 8	6 th grade Curriculum Night @ KMS 6:00 - 6:45 p.m. in the Cafetorium for current 5 th graders and their families
February 8	Music Experience Night for incoming 6 th graders in the Cafetorium – 6:45 p.m.
February 12-14	Register 5 th grade students at individual District #5 elementary schools in the computer labs
May 4	5 th grade Transition Day – current 5 th graders visit KMS for tours

Incoming 7th & 8th Graders

February 7	7 th grade & 8 th grade Curriculum Night @ KMS 6:00- 6:30 p.m. in the Cafetorium for current 6 th & 7 th graders and their families
February 9	Registration sheets due back to Home Base
February 12-16	Registration for current 7 th & 8 th graders during Home Base

205 Northwest Lane
Kalispell, MT
59901
406-751-3800
www.sd5.k12.mt.us

Dear Students and Parents,

On behalf of the faculty of Kalispell Middle School, I welcome you to the registration process for the 2018-2019 school year. This process reflects our school's interest in a partnership among the school, staff, parents and students in selecting the best learning opportunities to help students reach their full potential.

The Kalispell Middle School Registration Catalog gives you important information about our curriculum. The goal of our instructional program is to promote learning and to help students prepare for future challenges. This goal is accomplished through a series of core (required) and encore (elective) courses throughout a student's three year experience in the middle school.

The curriculum described in this catalog is designed to meet the district's and the state's standards for middle school students. In addition, it is designed to provide challenges for all students to do their best. Teachers are organized into teams and work together to develop units of instruction that help students understand how the various subjects relate to each other. This helps middle school students see the connections to real world applications. Additionally, we emphasize field trips and other off-campus experiences as a way of exposing students to careers related to various subjects.

After course registrations are completed, we begin the process of scheduling students into classes, with this process culminating at the end of the summer when we will mail class schedules to each student. As you know, schedules will not be mailed to students whose immunization records are not up to date. If you have any questions at any time during the process, you should not hesitate to contact us at school. Our guidance counselors are available to students and parents if there are questions about the registration process, the courses taught or any special needs that the student may have.

We at Kalispell Middle School are committed to providing a high quality educational experience for all students. I am glad that you are part of our school, and I invite you to review this catalog carefully as you begin the process of planning your educational program for next year.

Sincerely,

Tryg Johnson
Principal
Kalispell Middle School

TABLE OF CONTENTS

FORWARD4
HOME BASE AND TEAMING5

6TH GRADE REQUIRED COURSES

MATH6
HEALTH ENHANCEMENT6
ENGLISH LANGUAGE ARTS7
READING7
SCIENCE7
SOCIAL STUDIES7

6TH GRADE YEAR LONG MUSIC COURSES

BAND, CHOIR, ORCHESTRA8

6TH GRADE QUARTERLY ENCORE WHEEL

ART9
FACS-SURVIVOR9
KEYS FOR SUCCESS9
TECHNOLOGY EDUCATION9

7TH GRADE REQUIRED COURSES

ENGLISH LANGUAGE ARTS10
MATHEMATICS11
SOCIAL STUDIES12
SCIENCE12
HEALTH ENHANCEMENT12

8TH GRADE REQUIRED COURSES

ENGLISH LANGUAGE ARTS13
MATHEMATICS14
SCIENCE15
HEALTH ENHANCEMENT15
SOCIAL STUDIES15

7TH AND 8TH GRADE TRIMESTER ENCORE COURSES

STEM16
ART17
WORLD LANGUAGES17
INDUSTRIAL TECHNOLOGY18
INFORMATION TECHNOLOGY 7TH18
INFORMATION TECHNOLOGY 8TH GRADE18
GRADE FAMILY & CONSUMER SCIENCE19
OFFICE / LIBRARY ASSISTANT19
AS THE WORLD TURNS20

7TH AND 8TH GRADE YEAR LONG PERFORMANCE MUSIC

BAND, CHOIR AND ORCHESTRA 21-22

FORWARD

This registration booklet has been prepared to provide students and parents with information about course registration during the next school year at Kalispell Middle School. Guidelines are presented to give assistance in arriving at a class schedule that is in line with the student's abilities and interests.



DIRECTIONS FOR COMPLETING REGISTRATION FORM

1. Consult with your parents and teachers before making your final decision.
2. Carefully read the registration handbook that is available on the KMS website. Once a course is chosen, *there will be NO changes unless there has been a mechanical error or omission in your schedule.*
3. Note that Math and Reading Enrichment classes require teacher signatures.
4. Parent signature is required on completed registration form.
5. All students **must fill out the alternate section** of the registration sheet. We will do our best to grant student requests, however if an Encore course is full, students will be placed in an alternate selection with openings.



HOME BASE

Each student participates in our KMS Home Base. Home Base consists of a small community of students who meet daily with a KMS staff member. This environment allows the students to develop a trusting relationship among students and adults, promotes a positive climate and allows students to have a greater sense of belonging at KMS.

Academic support, team building, developing student self-confidence and leadership, are a few of the topics that will be discussed during Home Base.

TEAMING

KMS is organized by teaming for all three grade levels, 6th, 7th and 8th. Teaming consists of a core group of teachers sharing the same group of students. This allows for flexibility and variety in creating cross curricular instruction and will provide a smaller learning environment within KMS.

The sixth grade teams consist of four core teachers with the same group of students. The following core areas will be taught within each of the teams: English Language Arts, Reading, Mathematics, Science and Social Studies. All three teams share Health Enhancement teachers.

The seventh and eighth grade levels are divided into three teams. Each team consists of five core teachers and average between 100 - 125 students. The following core areas are taught within each of the teams: English Language Arts, Health Enhancement, Mathematics, Science and Social Studies.

REQUIRED 6TH GRADE COURSES

MATHEMATICS

Placement in 6th grade math will be based on:

- Teacher Recommendation
- District Test Scores (SBAC and Star)
- Students will be given a placement exam at KMS in the first week of school, and class placement may be changed based upon student level of achievement on this test and District tests.

Each course follows the Common Core State Standards for mathematics that consist of two types of standards – Mathematical Practice and Mathematical Content. The Standards for Mathematical Content in grades 6-8 are organized under domains: The Number System, Ratios and Proportional Relationships, Functions, Expressions and Equations, Geometry, and Statistics and Probability. All courses focus on problem solving and real world application.

- **MATH 6:** In Grade 6, instructional time will focus on four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking.
- **MATH 6 ACCELERATED:** This course differs from the non-accelerated 6th grade course in that it contains content from 7th grade. While coherence is retained, in that it logically builds from the 5th grade, the additional content demands a faster pace for instruction and learning. The accelerated program is designed for those students who can and have shown an ability to dig deeper into the mathematics and problem solving at a faster pace. These students have proficient if not advanced work ethic, and need not be prompted to complete work, or show more work in order to demonstrate a deeper understanding.
- **6 MATH RESOURCE:** A class designed for students with IEP goals for Math. Math Resource students will be placed by their Case Manager.

HEALTH ENHANCEMENT

The Health Enhancement Department is dedicated to providing the opportunity for students to establish healthy lifestyle patterns. The goal of the Health Enhancement course is to provide students with the necessary skills and knowledge needed to make healthy decisions for their physical, social and emotional health. Health Enhancement is a combination of academic and physical education that takes place in both the classroom and a physical activity environment.

Students will need appropriate clothing for physical education. This includes gym shoes, socks and a KMS PE uniform (shorts and shirt) which is purchased at the school for \$15.00. We also may have gently used PE uniforms for sale at a reduced price (\$5.00).

ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS

Sixth grade English Language Arts builds on skills taught in earlier grades. Following the Montana Common Core Standards, areas of emphasis include reading, writing, speaking and listening, and language. Students will work on strengthening narrative, explanatory and argumentative writing through planning, revising and editing. In addition, grammar and sentence structure will be emphasized. Students will use the print and electronic resources of the library and writing center to develop their research skills. Students will also develop and present demonstrative and persuasive speeches.

READING

All students receive differentiated reading instruction in literature and informational text. Several instructional components are used to teach skills, strategies and standards including small group, whole group and individual instruction. Students utilize textbooks, instructional magazines, classroom and individually selected novels throughout the year.

READING ENRICHMENT

Reading Enrichment is a class designed for students to improve their success and efficiency in reading and specifically targets students who are novice and nearing proficient in reading as identified by district reading assessments, teacher recommendations, and further individual assessments. Specific and tailored reading skill instruction is combined with the Social Studies content as outlined in the Montana State Standards and Benchmarks for each grade level. The small group Reading Enrichment classes are designed to improve reading skills and reading strategy use in order to become skilled, independent and efficient readers. The classes are taught by three Reading Enrichment teachers and two Reading Enrichment tutors.

SCIENCE

Sixth grade science is the study of Earth Science that focuses on the ability to design, conduct, evaluate and communicate scientific investigations. These skills will be practiced while studying the following scientific concepts: Earth's internal structure, Earth's constructive and destructive processes, rocks and minerals, weather, and astronomy.

SOCIAL STUDIES

Sixth grade Social Studies focuses on the study of ancient civilizations, including Mesopotamia, Egypt, India, China, Rome, and Greece. Students will gain an understanding of how early humans developed the first civilizations through an investigation of their geography, history, economy, culture, government, and technology. In addition to this, students will learn the basics of early European exploration as it relates to their 7th grade class, American History.

6th GRADE ENCORE CLASSES

6TH GRADE MUSIC COURSES

Kalispell Middle School offers three options for performance music: Band, Choir, and Orchestra. These courses explore the fundamentals and technical skills involved in playing a musical instrument or singing in a group. Students wishing to be a part of the middle school music program are strongly encouraged to begin in sixth grade.

BAND 6

Students are taught the basic skills of playing brass, woodwind or percussion instruments and music reading. No previous experience is necessary for entry into this band. Students and parents will be interviewed by music teachers the prior spring and placed on instruments that provide the best opportunity for individual success, and to balance the instrumentation of the band program. Every effort will be made to honor the instrument request of the student. A **very limited** number of school instruments are available, such as French Horn, Baritone, and Tuba. Other instruments must be provided by the student, and can be rented or purchased through reputable local dealers. **To ensure your child's success please wait to obtain an instrument until our KMS rental night in early September. Many parents who buy or rent an instrument early are stuck with equipment that is of inferior quality. If you have questions, please call Mr. Handford at 751-3883.**

CHOIR 6

Choir is for students who want a positive experience learning basic music reading skills and enjoying a sense of belonging to a singing group. Its unique structure is designed to serve the motivated student who has little or no music experience or background. The 6th grade choir students will perform in four evening performances and take at least one field trip to perform in the community.

ORCHESTRA 6

Sixth grade Orchestra provides the opportunity for students to develop their musical potential through the study of the Violin, Viola, Cello, or String Bass. No prior experience is necessary. Students will build technical, interpersonal, and rehearsal skills while beginning to develop a beautiful tone and learning to read musical notation. Sixth grade Orchestra students will perform in at least three evening concerts during the year.

Necessary equipment for Orchestra: instrument with bow and case, rosin, name tag for case, cleaning cloth, Essential Elements 2000 for Strings – Book 1, shoulder rest (Violins and Violas), Rockstop (Cellos and Bases), music stand (kept at home). A **very limited** number of instruments will be available for rental from the school district, based primarily on financial need. **To ensure your child's success in Orchestra please wait to obtain an instrument until our KMS rental night in early September. Many parents who buy or rent an instrument early are stuck with equipment that is the wrong size or is of inferior quality. If you have questions please call Eileen Iams at 751-3881.**

6TH GRADE ENCORE WHEEL

Students who choose the Encore Wheel will rotate through the following 9 week Encore classes.

ART

Expand your horizons with new ways to make art! 6th grade Art will introduce students to drawing, painting, sculpture, and design, with a variety of techniques and materials. Students will also learn about other cultures and ways different people make art around the world in this hands-on class. **There is a \$5 art fee to cover the cost of materials that students will take home at the end of the quarter.**

FACS-SURVIVOR

Learn survivor skills to make it through 6th grade and life. Learn what kinds of foods make you feel better. Create healthy snacks. Learn to care for yourself and others. Make a small sewing project. **There is a \$5 fee to cover materials used in class.**

KEYS FOR SUCCESS

This course will consist of fundamental keyboarding skills. Students will learn to type the basic alphabet keyboard by touch. Students will work on speed building, basic formatting and file management. This is a required 6th grade course for all non-music students. Upon completion students will type 20 wpm and have a sound understanding of basic word processing and file management.

TECHNOLOGY EDUCATION

The 6th grade Technology Education Encore is designed as an exploratory class that is a mixture of woods, metals, and technology education. It will give each student the opportunity to participate and have a working knowledge in five different areas of Technology Education. At the end of the 6th grade Technology Education Encore students will be able to:

- Accurately measure with yard sticks, meter sticks, measuring tapes, during numerous measuring games.
- Draw and read their own plans for a bird house.
- Demonstrate an understanding and the skill level required to identify and safely use the hand and power tools needed to build the bird house.
- Finish their bird house with their own finishing techniques and designs.

REQUIRED 7TH GRADE COURSES

ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS

The seventh grade English Language Arts class offers students a solid basis for developing their literacy skills. Following the Montana Common Core Standards, areas of emphasis include reading, writing, speaking, listening, and language. Building on the skills from Grade 6, students will practice narrative, informative and argumentative writing, continuing to use research and the writing process.

Students will be exposed to integrated units involving such elements as speaking and listening, writing of different types, novels, short stories, non-fiction study, biography and autobiography work, and multi-cultural experiences. Student-selected reading is encouraged and required. Vocabulary and language skills are also intergrated. Students will be instructed in and expected to use the library and its print and electronic resources to enhance their research skills.

LANGUAGE ARTS RESOURCE

Language Arts Resource is a course designed to meet the specific needs of students with an Individualized Education Plan (IEP). Placement into this class requires a recommendation from the Individual Education Plan team for each student. This course offers a variety of processes and models for students to enhance their language arts skills. Emphasis includes but is not limited to speaking, listening, writing, reading, grammar, and spelling skills.

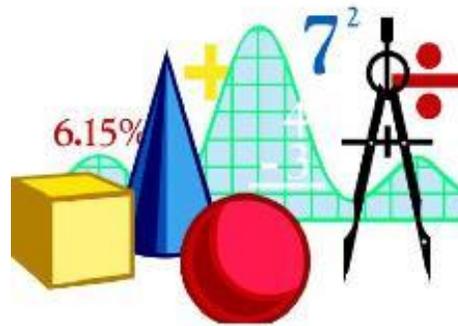
Curriculum and program needs are met through the use of the following sources: The Six Traits Analytical Model of Writing, SRA Decoding, SRA Morphographic Spelling, and the use of on-line programs such as PLATO.

READING ENRICHMENT

Reading Enrichment is a class designed for students to improve their success and efficiency in reading and specifically targets students who are novice and nearing proficient in reading as identified by district reading assessments, teacher recommendations, and further individual assessments. Specific and tailored reading skill instruction is combined with the Social Studies content as outlined in the Montana State Standards and Benchmarks for each grade level. The small group Reading Enrichment classes are designed to improve reading skills and reading strategy use in order to become skilled, independent and efficient readers. The classes are taught by three Reading Enrichment teachers and two Reading Enrichment tutors.

SOCIAL STUDIES/ READING COLLABORATION

Social Studies / Reading collaboration is a class designed for students to make the transition from small group Reading Enrichment class to the regular grade level core curriculum social studies class. Students are identified for this class using district reading assessments, teacher recommendations, and individual assessments. The class targets students who are close to reading proficiently at grade level and demonstrate nearing proficient independent learning behaviors. The classes are taught by a core Social Studies teacher and a Reading Instructor.



MATHEMATICS Teacher sign off is required for all math classes

Each course follows the Common Core State Standards for mathematics that consist of two types of standards – Mathematical Practice and Mathematical Content. The Standards for Mathematical Content in grades 6-8 are organized under domains: The Number System, Ratios and Proportional Relationships, Functions, Expressions and Equations, Geometry, and Statistics and Probability. All courses focus on problem solving and real world application.

- **7 MATH** In Grade 7, instructional time will focus on four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.
- **7 MATH ACCELERATED** This course differs from the non-accelerated 7th grade course in that it contains content from 8th grade, and is dependent upon a student having shown proficiency on the 7th grade standards that are taught in the 6th grade Accelerated Math class. The additional content demands a faster pace for instruction and learning. The accelerated program is designed for those students who can and have shown an ability to dig deeper into the mathematics and problem solving at a faster pace. These students have proficient if not advanced work ethic, and need not be prompted to complete work, or show more work in order to demonstrate a deeper understanding.

SOCIAL STUDIES

Seventh grade Social Studies covers United States History from pre-European exploration through the U.S. Civil War and Reconstruction. Students will learn important research strategies as well as various study techniques. There will also be an emphasis on American Indian studies, geography, government, culture and economics of the time period.

SCIENCE

LIFE SCIENCE

Seventh grade science is the study of living things in their surroundings. Students will study the systems of the human body and how they relate to each other. They will also study all other types of living things. This includes bacteria, protists, fungi, plants, and animals. This information is presented in a variety of ways to encompass the multiple intelligences. Besides learning about living organisms, the student will also use a variety of study skills that will make them a better student.

HEALTH ENHANCEMENT

The Health Enhancement Department is dedicated to providing the opportunity for students to establish healthy lifestyle patterns. The goal of the Health Enhancement course is to provide students with the necessary skills and knowledge needed to make healthy decisions for their physical, social and emotional health. Health Enhancement is a combination of academic and physical education that takes place in the classroom and a physical activity environment.

Students will need appropriate clothing for physical education. This includes gym shoes, socks and the KMS PE uniform (shorts and shirt) which is purchased at the school for \$15.00. We also may have gently used PE uniforms for sale at a reduced price (\$5.00).



REQUIRED 8TH GRADE COURSES

ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS

Students in 8th grade English Language Arts will follow a course outline that meets state and district standards in reading, writing, language, vocabulary, speaking and listening. Students will write using a variety of formats with emphasis on the Montana Common Core Standards. Instructors will teach grammar, usage, and mechanics throughout the year.

Teachers will stress independent reading as well as formal instruction in different genres of literature that may include biography, autobiography, short stories, novels, dramatic literature, and poetry. Instruction in spelling and vocabulary will focus on Greek and Latin roots. In addition, students will use a variety of research tools including the library and Internet.

READING ENRICHMENT

Reading Enrichment is a class designed for students to improve their success and efficiency in reading and specifically targets students who are novice and nearing proficient in reading as identified by district reading assessments, teacher recommendations, and further individual assessments. Specific and tailored reading skill instruction is combined with the Social Studies content as outlined in the Montana State Standards and Benchmarks for each grade level. The small group Reading Enrichment classes are designed to improve reading skills and reading strategy use in order to become skilled, independent and efficient readers. The classes are taught by three Reading Enrichment teachers and two Reading Enrichment tutors.

SOCIAL STUDIES/ READING COLLABORATION

Social Studies / Reading collaboration is a class designed for students to make the transition from small group Reading Enrichment class to the regular grade level core curriculum social studies class. Students are identified for this class using district reading assessments, teacher recommendations, and individual assessments. The class targets students who are close to reading proficiently at grade level and demonstrate nearing proficient independent learning behaviors. The classes are taught by a core Social Studies teacher and a Reading Instructor.

LANGUAGE ARTS RESOURCE

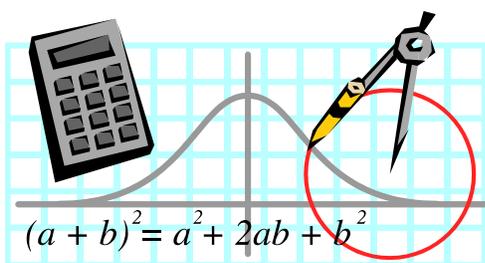
This class is for the student who has an Individualized Education Plan and whose skills warrant placement in a class where individual needs and learning strategies are taken into consideration. The class follows the curriculum of the standard 8th grade Language Arts class focusing on literature, grammar and writing skills. Individualized Education Plan accommodations are closely followed so that each student can achieve success.

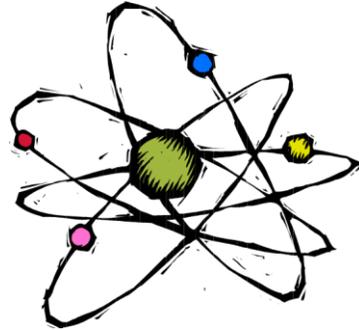
MATHEMATICS *Teacher sign off is required for all math classes*

Each course follows the Common Core State Standards for mathematics that consist of two types of standards – Mathematical Practice and Mathematical Content. The Standards for Mathematical Content in grades 6-8 are organized under domains: The Number System, Ratios and Proportional Relationships, Functions, Expressions and Equations, Geometry, and Statistics and Probability. All courses focus on problem solving and real world application.

- **8 MATH** In Grade 8, instructional time will focus on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.
- **8 ALGEBRA 1** This course differs from High School Algebra I in that it contains content from 8th grade. While coherence is retained, in that it logically builds from the Accelerated 7th Grade, the additional content when compared to the high school course demands a faster pace for instruction and learning. The critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. In addition, the units introduce methods for analyzing and using quadratic functions, including manipulating expressions for them, and solving quadratic equations. Students understand and apply the Pythagorean Theorem, and use quadratic functions to model and solve problems.

The accelerated program is designed for those students who can and have shown an ability to dig deeper into the mathematics and problem solving at a faster pace. These students have proficient if not advanced work ethic, and need not be prompted to complete work, or show more work in order to demonstrate a deeper understanding.





SCIENCE

PHYSICAL SCIENCE

Eighth grade physical science is a study of basic chemistry and physics. Science concepts and background are presented in a variety of ways including discovery, labs, discussion, demonstrations, lecture, practice, audio/visual, reading, writing, real life examples and application. The class not only prepares students for further study in the field of science, but helps students explain the world around them. The scientific method, lab techniques and safety are stressed.

HEALTH ENHANCEMENT

The Health Enhancement Department is dedicated to providing the opportunity for students to establish healthy lifestyle patterns. The goal of the Health Enhancement course is to provide students with the necessary skills and knowledge needed to make healthy decisions for their physical, social and emotional health. Health Enhancement is a combination of academic and physical education that takes place in the classroom and a physical activity environment.

Students will need appropriate clothing for physical education. This includes gym shoes, socks and the KMS PE uniform (shorts and shirt) which is purchased at the school for \$15.00. We also may have gently used PE uniforms for sale at a reduced price (\$5.00).

SOCIAL STUDIES

MONTANA HISTORY and GLOBAL STUDIES

The first two trimesters of eighth grade Social Studies cover Montana History from early indigenous people through the 20th Century. Important topics include American Indian tribal history, white exploration, the fur trade, mining, livestock and ranching, homesteading, the railroad industry, territory and statehood, and major 20th Century people and events. The final trimester is devoted to global studies. Students will learn basic world geography as they focus in on major current events that are shaping today's world.

7TH AND 8TH GRADE ENCORE COURSES

Encore courses are trimester classes that will be taught over a 12 week period.

STEM

Middle school is the perfect time for students to explore and learn that there is more than one way to reach a solution. **STEM** provides engineering, biomedical science and computer science curriculum for middle school students that challenges, inspires, and offers schools variety and flexibility. Students get rigorous and relevant experiences through activity, project, and problem-based learning. They use industry-leading technology to solve problems while gaining skills in communication, collaboration, critical-thinking, and creativity. Through topics like robotics, and DNA and crime scene analysis, middle school students engage their natural curiosity and imagination in creative problem solving. Middle School STEM is a strong foundation for further STEM learning in high school and beyond, challenging students to solve real-world challenges, such as cleaning oil spills and designing sustainable housing solutions. Using the same advanced software and tools as those used by the world's leading companies, students learn how to apply math, science, technology, and engineering to their everyday lives.

AUTOMATION & ROBOTICS

Students trace the history, development, and influence of automation and robotics. They learn about mechanical systems, energy transfer, machine automation and computer control systems. Students use a robust robotics platform to design, build and program a solution to solve an existing problem. **There will be a mandatory lab fee of \$5 to cover the cost of the engineering notebook.**

DESIGN & MODELING

In this unit, students begin to recognize the value of an engineering notebook to document and capture their ideas. They are introduced to and use the design process to solve problems and understand the influence that creative and innovative design has on our lives. Students use industry standard 3D modeling software to create a virtual image of their designs and produce a portfolio to showcase their creative solutions. **There will be a mandatory lab fee of \$5 to cover the cost of engineering notebook.**

INTRODUCTION TO COMPUTER SCIENCE – 8th grade only

Designed to be the first computer science course for students who have never programmed before, ICS is an optional starting point for the PLTW Computer Science program. Students create interactive stories in Scratch™ (an easy-to-use programming language); work in teams to create simple apps for mobile devices using App Inventor; and analyze data about students' health, social habits, and interests using functions in Excel®. Students will learn the impact of computing in society and the application of computing across career paths. They will also transfer the understanding of programming gained in App Inventor to a third language, Python®, in which they learn introductory elements of text-based programming. The course aligns with the Computer Science Teachers Association (CSTA) 3A standards.

MEDICAL DETECTIVES

Medical Detectives explores the biomedical sciences through hands-on projects and labs that require students to solve a variety of medical mysteries. Students investigate medical careers, vital signs, diagnosis and treatment of diseases, as well as human body systems such as the nervous system. Genetic testing for hereditary diseases and DNA crime scene analysis put the students in the place of real life medical detectives.

ART There is a \$5 art fee for cost of materials that students will take home at the end of the trimester.

STEAM - Putting the “A” into STEM with Metals, Jewelry and More: **8TH GRADE ONLY**

This class will dip into the world of metalsmithing/jewelry and more! Students will learn the art of metalsmithing and welding with basic soldering techniques. They will explore how STEM and the arts co-relate. Projects may include: metal medallions and rings, architectural drawing and bringing Core Class topics into the visual arts.

DARE TO DRAW

Warning! Your drawings will improve! Don’t be scared, people were drawing before the written word. Dare to draw in new and exciting ways! This drawing class will teach students how to create realistic and abstract drawings from real life and from their imaginations. Students get to experiment with a variety of drawing materials including graphite, charcoal, ink, watercolor, acrylics and many more!

MODERN ART

Glass fusing, Illusions and More! Where do artists get their ideas? Discover design in all its incredible forms! This design class will teach students how to break down both realistic and abstract compositions to create their own ideas. Students will get to experiment with a variety of design techniques including optical illusions, printmaking, glass fusing, collage, sand painting and many more!

EXPLORING SCULPTURE

Do you like to get your hands dirty? You are a natural; put those Lego skills to work! Explore sculpture in this hands-on, three-dimensional class by diving into different sculpture ideas. This class will teach students how to sculpt in both realistic and abstract ways to create objects from real life and their imaginations. Students get to experiment with a variety of sculpting materials including clay, wood, wire, paper mache, and many more!

WORLD LANGUAGES

SPANISH OR FRENCH

¡Hola! Coucou ! Are you curious about new places and faces in the world? Ever thought about learning a new language? By taking an introductory Spanish or French class, you will open your mind to new cultures in the world! Through games, listening, speaking, and writing activities, you will practice introducing yourself, talking about what you like to do, and learning about some various places, activities, and people in the Spanish or French speaking world. These classes are available to both 7th and 8th grade students. ¡Hasta pronto! À bientôt !

EXPANDING SPANISH - 8TH GRADE ONLY

This class is designed for students who have already taken an introductory Spanish class. By taking a second trimester of Spanish, you will be able to take your Spanish skills and knowledge to the next level! We will focus on different aspects of culture in this class and expand our Spanish vocabulary through various projects and activities. This is a more indepth experience than your introductory class, so grab your sombrero and ¡vamos!

EXPANDING FRENCH - 8TH GRADE ONLY

This class is designed for students who have already taken an introductory French class. A second trimester of French opens possibilities to learn what it’s like to stroll the streets of Paris, taste French cuisine, look at some French art, and do much more! We will focus on various aspects of culture in this class to expand our French vocabulary and savoir-faire. This is a more indepth language and cultural experience than your introductory class.

INDUSTRIAL TECH There will be a mandatory lab fee of \$5 to cover the cost of materials.

CREATIVE CONSTRUCTION

Build Hopes, Build Dreams, and Build Scale Model Houses in our Architecture and Construction program. This class offers the students an opportunity to draw their scale model house using the basic drafting tools. The students will then be able to reproduce their drawing on an exciting home building computer program called 3DArchitect. Once the students have completed their design, they will build a scale model out of wood of their house. It is an exciting and fun way to learn about Architecture and Construction.

WOODWORKING

This class will offer students the opportunity to learn how to safely use hand and power tools. They will build a stool, a salt and pepper shaker, and other projects if time permits.

INFORMATION TECH 8TH GRADE

8 DIGITAL PUBLISHING AND BEYOND!

Students will learn to use various graphic editing programs and web publishing software. This class will also work to develop students' knowledge of the Microsoft Office Suite – PowerPoint, Word and Excel. The themes of Digital Citizenship will be emphasized throughout the course. Learn / Practice / Explore some of the most popular software tools to increase your school success!

8 MULTIMEDIA AND MORE

This course provides students a hands-on experience with current technology in the marketplace. A wide range of software will be explored. Students will use their creativity and skills to create and edit interactive multimedia presentations, digital images, sound, movies and animations. The themes of Digital Citizenship will be emphasized throughout the course. This class will enable students to students to successfully perform and interact in a technology-driven society.

INFORMATION TECH 7TH GRADE

7 KEYS TO SUCCESS

This course is for all 7th grade students who have NOT taken Keys to Success as a 6th grade student. Fundamental keyboarding skills will be emphasized. Students will learn the basic alphabet reaches by touch. They will then apply these skills while learning to use a variety of software including word processing, spreadsheet, presentation and desktop publishing. The themes of Digital Citizenship will be emphasized throughout the course.

7 COMPUTER APPLICATIONS

The course every middle school student needs to be successful in middle school, high school and beyond. This course will cover a variety of widely use software applications. The class will cover word processing tips and tricks, basic spreadsheet functions, dos and don'ts for authoring digital presentations, photo editing, and desktop publishing. The themes of Digital Citizenship will be emphasized throughout the course.

FAMILY & CONSUMER SCIENCE

SEW COLORFUL

Make your very own quilt and one of a kind pillow. You will learn the in's and out's of sewing. Discover what colors look good together. Then start by making a pin cushion and mini quilt. You will create the design to go on the top of the quilt. With your extra fabric you will design a one of a kind pillow to match your quilt. You can use our state of the art embroidery machine to write your name or favorite sports team. You might even print your favorite picture on fabric to sew into your pillow. Come see what you can create. **Class fee for Projects materials is \$25.**

SEW FUN

This class is "sew" fun. You will learn to sew using our computerized sewing machines. You will start by making a pin cushion and polar fleece hat. Then pick two sewing projects of your choice. Our most popular projects include pajama pants, gym bags, and pillows in the shapes of guitars, basketballs, footballs and animals. To make sure the class is complete you get to design your own t- shirt. Learn sewing skills and inspire yourself to think creatively, take responsibility, set goals, solve problems, dream big and create and operate a sewing business in this class. This class will help students discover they have the power to use their sewing and entrepreneurial skills to do whatever they want in life. **Class fee is based on the project chosen, \$5 and up.**

CULINARY ARTS

Do you have what it takes to be a chef? Take this class and find out if you have the ability to prepare beautiful, healthy food within a budget. You will cook a variety of different foods as we follow the MyPlate food guide pyramid. This class will be doughlিশious. **Class fee of \$10**

HOSPITALITY

Come experience different cultures by cooking foods from around the world. We will investigate people and places, see what foods other countries eat, and what traditions are special to that country. Discover what makes Kalispell, Montana special. Then you will get to decorate a cake just like the professionals. To finish the class you will use your skills to create the perfect party. **Class fee of \$10**

OFFICE AIDE & LIBRARY AIDE - available to non-music students

Office & Library Assistants will be chosen based on grades, attendance, class placement options and Encore selections. Student Assistants must demonstrate responsibility, respect, and confidentiality. Duties will include delivering messages, passes and general office work. Administration will determine which Encore class will be dropped when a student is given the opportunity to be a Student Assistant. Please note: only twelve positions are available per grade.

AS THE WORLD TURNS

MODERN HISTORY

Modern History focuses on 20th Century American and World history. This course includes all of the information you rarely get to in your average history class. Topics include U.S. and world events, pop culture, sports, trends, current events and more.

SWORDS, CASTLES, AND SHIELDS OH MY – 7TH GRADE ONLY

Swords, Castles and Shields is a class focusing on the ancient technologies and social orders of Europe. This class will build off of the information that students acquired in 6th grade about the Medieval World. We will discuss the importance of the Bronze Age, Iron Age, and the Middle Age. Instruction will focus on the cultures of Greece, Rome, Persia, England and others. The class will also be taking a very close look at the evolution of technology from about 2000 B.C. to about 1500 A.D. (structures, architecture, and weaponry). Projects may include: Model Castles, Siege Models (catapults, trebuchets), Phalanxes and Legions Models, and Battle Reconstruction.

WORLD GEOGRAPHY - 7TH GRADE ONLY

World Geography is the study of the Earth and its lands, features, inhabitants, and phenomena. Students will seek to understand the Earth and all of its human and natural complexities – not merely where objects are, but how they have changed and come to be. Emphasis will be placed on a detailed study of each of the seven continents, as well as a basic understanding of geographical terms.

HOMER, CLEOPATRA, AND THE CAESARS - 8TH GRADE ONLY

Students will build upon the knowledge they gained in their 6th grade social studies class concerning early civilizations. It will cover the time period up until Swords, Castles, and Shields. Learn about pharaohs, emperors, philosophers, and poets in this study of Antiquity. The class is project oriented while maintaining a focus of student understanding of the ancient and classical worlds

MONTANA LEGACY- 8TH GRADE ONLY

If you like stories, this class is for you. It is an extension of our core Montana History class, but allows students to dive deeper into our state's history by reading stories about important people and events. Classic Montana novels covering many eras of Montana history will give students the opportunity to reading narrative-based stories and not just textbooks. Don't miss out on this new encore class!



7TH AND 8TH GRADE PERFORMANCE MUSIC

BAND 7

The focus of this band is the continued development and refinement of skills begun in the Beginning Band. Emphasis is on individual fundamentals and ensemble performance. Home practice is expected and private lessons are encouraged at this level. The Intermediate Band will perform at least three public concerts during the school year. Students will also have opportunities for solos, small groups, and may participate in the Jazz Band.

BAND 8

Further development of personal musicianship and ensemble experience are the foundation of the Advanced Band. More difficult music and some advanced performance techniques are explored. Additionally, some music theory, composition, and ear training will be introduced. This group performs at least four concerts during the school year, and occasionally participates in some off-campus activities, such as festivals and trips. There are increased opportunities for individual musical growth such as small ensembles, solos, and Jazz Band.

CHOIR 7

This course is designed to meet the needs of 7th grade boys and girls who want a positive experience, including learning basic music reading skills, becoming proficient in two and four part singing, becoming acquainted with various musical styles, and enjoying a sense of belonging to a singing group. It is expected that these students will make a strong commitment to the choir. Other topics covered in class include: basic music literacy, basic tone production, choral literature, and performance discipline. Students will perform in four evening concerts and take at least one field trip to sing in the community.

Students are placed in this choir based on their desire to sing and their willingness to learn and build upon the skills they bring to the group. Its unique structure is designed to serve the motivated student who has little or no music experience or background.

CHOIR 8

This course is designed to meet the needs of students who want a positive experience, including learning basic music reading skills, becoming proficient in two, three, and four part singing, becoming acquainted with various musical styles, and enjoying a sense of belonging to a singing group. It is expected that these students will make a strong commitment to the choir. Other topics covered in the class include basic music literacy, basic tone production, choral literature, and performance discipline. Students are in choir based on their desire to sing and their willingness to learn and build upon the skills they bring to the group. Its unique structure is designed to serve the motivated student who has little or no music experience or background. Students will perform in four evening concerts and take at least one field trip to sing somewhere in the community.

ORCHESTRA 7

Seventh Grade Orchestra is an intermediate class that provides students with the opportunity to learn about and perform music through the study of the Violin, Viola, Cello, or String bass. Emphasis is placed upon the reinforcement and extension of basic skills learned in beginning Orchestra in sixth grade. Topics covered will include: rehearsal skills, tone development, rhythmic development, music reading and sight reading, scales, ear-training, basic music theory, and an introduction to shifting and vibrato. Private lessons are encouraged but not required. Seventh grade Orchestra students will perform in at least three evening concerts and one daytime performance during the year.

Necessary equipment for Orchestra: instrument with bow and case, rosin, name tag for case, cleaning cloth, shoulder rest (Violins and Violas), rockstop (Cellos and Basses), music stand (kept at home). A **very limited** number of Cellos and Basses will be available for rental from the school district, based primarily on financial need. Violinists and violists should rent their own instruments from a reputable music store. Instruments of sub-par quality and/or setup will not be allowed in orchestra class or in performances. Please contact Eileen Iams at 751-3881 for assistance in finding an instrument of the appropriate quality to improve your child's experience in Orchestra.

ORCHESTRA 8

Eighth Grade Orchestra is the Middle School's most advanced performing ensemble for string players. Prior playing experience is required. The primary focus is on the continued refinement and extension of intermediate skills learned in seventh grade orchestra with an increasing emphasis on ensemble performance skills. Students will expand their knowledge of music theory and begin to analyze and evaluate music, using critical thinking skills to enhance their performance. Other topics covered will include: tone development, two-octave scales, shifting, vibrato, ear-training, rhythmic development, and sight-reading. Private lessons are encouraged. Eighth grade orchestra students will perform in at least four evening concerts during the year and will perform in Missoula at the U of M Orchestra Festival in November.

Necessary equipment for Orchestra: instrument with bow and case, rosin, name tag for case, cleaning cloth, shoulder rest (Violins and Violas), rockstop (Cellos and Basses), music stand (kept at home), and an electronic chromatic tuner. A **very limited** number of Cellos and Basses will be available for rental from the school district, based primarily on financial need. Violinists and violists should rent their own instruments from a reputable music store. Instruments of sub-par quality and/or setup will not be allowed in Orchestra class or in performances. Please contact Eileen Iams at 751-3881 for assistance in finding an instrument of the appropriate quality to improve your child's experience in Orchestra.

