



**Goodman  
Middle School  
2019-2020  
Course Catalog**

Principal: Tyrone Robuck

Assistant Principal: Dawn Musgrove

Office: 253-530-1600

Counseling Offices: 253-530-1632/253-530-1633

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# GENERAL INFORMATION

This course guide gives you information about all courses that may be offered in Peninsula middle schools. Students are to enroll in and maintain a full schedule throughout middle school years. We hope this guide will answer all of your questions as you decide what middle school courses to register for next year. The courses in this guide will be offered next year only if enough students register this spring to fill a class. It is very important that you think carefully about your choices now so that the courses you want will be available next year. If you cannot find the answers you need or if you would like to have individual help in planning your program, please contact an administrator or counselor at your school.

## Information for Middle School Students

Middle school requirements are explained on the following pages. Use the planning sheets to map out your three-year middle school plan for the required 6-period day. We also encourage you to think ahead about the sequence of courses you might want to take in high school. This way you will know what courses to choose in middle school to be prepared for the high school courses that interest you.

### Middle School Course Requirements

- ✓ Three years of Language Arts and Social Studies taken in 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade
- ✓ Three years of Mathematics taken in 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> grade
- ✓ Three years of Science taken in 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> grade
- ✓ Six trimesters of Physical Education /Health (see course information for specifics)

### High School Credit for Courses Taken in Middle School

Legislation and district policy allow 7<sup>th</sup> and 8<sup>th</sup> grade students to receive high school credit for some middle school courses. Any incoming 9<sup>th</sup> grade student, who did not attend a Peninsula School District middle school, and wishes to request high school credit for a designated course, must submit a transcript from his/her former middle school. This transcript must include a copy of the course descriptions. The transcript will then be evaluated to determine if the courses requested can be added to the student's PSD transcript. The following policies apply for high school credit for all students:

- ✓ High school credit for designated middle school courses may be requested once the student is in high school. The request can be made any time up to the point a student graduates from high school. Please note that once the grades are recorded on the high school transcript the grade and credit cannot be removed and are included in the computation of the student's grade point average. If you have questions about this, please see a counselor at your high school.

## **Middle School Grading**

Reporting Student Progress:

- ✓ Teachers will provide to parents a report of each student's progress at the end of the Trimester.
- ✓ Interim progress reports of a student's outstanding or inadequate progress may be provided to parents. In addition, parents/guardians and students are able to access attendance, discipline and grade reports online throughout the year on the district's **Parent Connect Website** at <http://www.psd401.net/>

Middle School Successful Completion of Middle School Coursework Expected:

- ✓ Successful completion of middle school occurs when a student meets the academic expectations of the required program. Students who experience difficulty in doing this will be assigned extra classes or placed in an academic support course that runs either during the school day or after school.

## **Flex-Time, PACK, Cougar Academy, and Prime Time**

In every middle school, a 35-minute tutorial is provided Monday, Tuesday, Thursday, and Friday during the school day.

## **Additional Academic Support**

Additional academic support provides targeted, structured intervention to students who need ongoing assistance in language arts or mathematics. This could take the form of in-class support during the period when the student is having difficulty, after-school support, or additional courses that will prepare the student for the following year. Every school designs its additional academic support program.

## **Students with IEPs (Individual Education Plans)**

Parents and students will work in conjunction with IEP teams/case managers to determine best course placement for students based on needs. In addition, progress on specific goals and objectives is provided 3 times per year.

## **Counseling Department**

Students should contact a counselor if they have questions about transitions between schools, registration, course selection, interpretation and use of test results, or other requirements. Each middle school Counseling Center provides assistance in the following ways:

- ✓ Visits elementary schools prior to entry into middle school to assist in a smooth transition from elementary school to middle school.
- ✓ Assists students in planning, selecting, and successfully completing middle school courses that prepare them for their future.
- ✓ Works with students, parents, and families on addressing personal problems that may be interfering with student success.
- ✓ Monitors students' academic progress and develops plans to support students so that they are successful in resolving problems in order to do well in school and classes.
- ✓ Provides a program to prepare students for an education beyond high school.
- ✓ Assists with harassment, intimidation, and bullying training for students.

# MIDDLE SCHOOL THREE YEAR EDUCATIONAL PLAN

Below is a worksheet to help you plan the courses you will take during the sixth, seventh, and eighth grades. You must enroll in six courses every year. Use middle school course requirements along with the list of electives in this book to plan your schedule. Call your middle school for help if you need further information.

Sixth Grade	Seventh Grade	Eighth Grade
Language Arts - 1 year	Language Arts - 1 year	Language Arts - 1 year
Social Studies - 1 year	Social Studies - 1 year	Social Studies - 1 year
Mathematics - 1 year	Mathematics - 1 year	Mathematics - 1 year
Science - 1 year	Science - 1 year	Science - 1 year
PE / Health - 2 trimesters	PE - 2 trimesters	PE / Health - 2 trimesters
Choose 4 trimesters of electives or a trimester and a year-long course:	Choose 4 trimesters of electives or a trimester and a year-long course:	Choose 4 trimesters of electives or a trimester and a year-long course:
1. _____	1. _____	1. _____
2. _____	2. _____	2. _____
3. _____	3. _____	3. _____
4. _____	4. _____	4. _____
OR	OR	OR
_____	_____	_____

# LOOKING AHEAD TO HIGH SCHOOL

## High School Graduation Requirements Class of 2019 and Beyond

- ✓ The **Class of 2019 and Beyond** requires **24 credits** to graduate.
- ✓ A semester course is worth 0.5 credit.
- ✓ Specific graduation requirements are listed below.

Subject	Credits
Career and Technical Education	1.0
Electives	4.0
English	4.0
Health and Fitness	2.0
Mathematics	3.0
Science (2 credits of lab science)	3.0
Social Studies	3.0
Visual or Performing Arts	2.0
World Language or Personalized Pathway	2.0
<b>Total</b>	<b>24.0</b>

# GRADUATION CREDIT REQUIREMENT

Subject	PSD & State of WA <i>Class of 2019 &amp; Beyond</i>	Recommended Courses for Colleges and Universities
English	4.0 Credits	4.0 Credits
Math	3.0 Credits	4.0 Credits
Science	3.0 Credits <i>Includes: 2.0 Lab Sciences</i>	3.0 - 4.0 Credits
Social Studies	3.0 Credits <i>Includes: 1.0 U.S. History 1.0 World History 0.5 Civics 0.5 SS Elective WA. State History (usually taken in 7<sup>th</sup> grade and noted on transcript)</i>	3.0 - 4.0 Credits
Visual or Performing Arts	2.0 Credits <i>*1.0 can be <b>Personalized Pathway</b> Requirement</i>	1.0 Credit
Health and Fitness	2.0 Credits <i>Includes: 0.5 Health</i>	
Career and Technical Education	1.0 Credits <i>Includes: 0.5 College, Career, &amp; Financial Exploration 0.5 CTE Elective</i>	
World Language or Personalized Pathway Requirement	<b>*2.0 Credits</b> <i>Both can be <b>Personalized Pathway</b> Requirement</i>	2.0 - 4.0 Credits
Electives	4.0 Credits	A.P./Honors Courses
Total	24 Credits	

**\*Personalized Pathway Requirements:** Up to 3 credits chosen by a student, that are included in a student's High School and Beyond Plan, and that prepare the student to meet specific post-secondary career or education goals.

# CAREER & TECHNICAL EDUCATION

## *Every Student: A Dream and A Plan*

Build and foster your aspirations through career and technical education.

Goodman Middle School	Harbor Ridge Middle School
Computer Aided Design	Computer Science
Computer Science	Forensic Science 1
Forensic Science 1 and 2	Engineering Design
Engineering Design	Manufacturing Technology 1 and 2
Manufacturing Technology 1 and 2	Multimedia Productions 1 and 2
Multimedia Productions 1 and 2	Robotic Engineering 1 and 2
Robotic Engineering 1 and 2	
Key Peninsula Middle School	Kopachuck Middle School
Computer Science	Computer Aided Design
Engineering Design	Computer Science
Forensic Science 1	Engineering Design 1
Multimedia Productions	Forensic Science 1 and 2
Robotic Engineering 1 and 2	Manufacturing Technology 1 and 2
	Multimedia Productions 1 and 2
	Robotic Engineering 1 and 2

## Career and Technical STEM Elective Courses

STEM - Science, Technology, Engineering, and Math

### Engineering and Technology:

#### Computer Aided Design

The goal of this exploratory class is to inspire a new generation of engineers and architects. In this class students will learn to use industry-standard 3-D modeling software and apply the engineering design process to solve real world problems. The course emphasizes critical thinking, creativity, innovation, computer-generated technical drawings, and the use of computer-controlled rapid prototyping equipment (like 3-D printers) to construct models of design solutions. No prerequisite required.

#### Computer Science **\*\*NEW FOR 2018-2019\*\***

There are so many opportunities in the field of computer science and you can get started on your journey by learning to code with Python! You will learn the basic building blocks of coding and put these skills to use to create meaningful projects. You will use your problem-solving and design thinking skills to recognize and investigate errors. Students engage with computer science as a medium for creativity, communication, problem solving, and fun. You will also learn the critical skills of being a digital citizen and talk about the impact computing and the internet have had on society.



## **Engineering Design**

This is an engineering course that teaches problem-solving skills through “hands-on” design and construction. Using their imagination and creativity, students will learn how engineers and technicians use math, science and technology to research, design, and construct solutions to open-ended engineering problems. Students will become familiar with basic technical drawing and construction methods along with industry leading technologies (such as 3-D Printers) to complete their projects. It also promotes communication and collaboration by emphasizing a teaming approach in the instructional units while offering students individual learning challenges at all ability levels. No prerequisite required.

## **Manufacturing Technology 1**

Students who like creating and building, operating traditional machines like a scroll saw and high-tech tools like a laser cutter/engraver and working with their hands and mind are sure to enjoy this class? Intro to Manufacturing Technology I covers product design and development, measuring tools and layout, fabrication processes, safety practices and quality control. This course primarily deals with woodworking, although other materials such as plastic or composites will be introduced. No prerequisite required.

## **Manufacturing Technology 2**

Manufacturing Technology II is a course offered to students in grades 7-8 who have successfully passed Manufacturing Technology I. It is a more advanced course that expands learning by broadening experiences and process knowledge. Students will explore in depth techniques and larger scale projects using familiar machinery as well as equipment new to them. Course includes instruction in materials, manufacturing processes, automation, communication and employability skills, and safety. Prerequisite: Manufacturing Technology 1.

## **Robotic Engineering 1**

This course is a hands-on introduction to the field of Robotics, which brings together computer science and engineering. Students will work in small teams to build robots using LEGO robotics kits and to program those robots using microcontrollers. They will have the opportunity to complete multiple investigations involving inquiry and guided research, problem solving and integrating math, science and technology as it relates to programming robots, using NXT software and hardware to navigate their environment.

## **Robotic Engineering 2**

Advanced Robotics offers an extended experience for middle school students who have successfully completed their Robotics course. This class will build on the initial introduction into the field of robotics, programming and engineering. Students will utilize LEGO Robotics kits, including gear ratio, sensor-based data transfer and team engineering challenges integrating skills like parallel programming and input/output sequences. Often the course includes participation in the local First LEGO League Competition. Prerequisite: Robotic Engineering 1.

## **Health Science:**

### **Forensic Science 1**

Students will be introduced to the field of forensic science in the context of a crime scene investigation. This is a hands-on class where students will have the opportunity to play the role of a crime scene investigator. Activities will include sketching a crime scene, lifting fingerprints, creating casts of shoe or tire prints, and analyzing an array of evidence in field and lab settings. Students will also explore related careers and interact with guest presenters working in the fields of forensics, medicine, and law.

## **Forensics Science 2**

Students will expand on their experiences from Introduction to Forensic Science by applying science to the medical, law enforcement, and judicial career fields. Hands-on labs related to blood sciences, DNA, tool marks, and forensic anthropology will hook students into the health sciences and justice system pathways. The integration of all subject areas coupled with engaging guest speakers makes this a class for everyone.

## **Arts and Communications:**

### **Multi-Media Productions 1**

This course is designed to teach students the basic principles surrounding the creation and use of digital media in the workplace. Students will use industry standard tools to produce graphics, images, advertisements and multimedia displays. Classes may use software programs including but not limited to Microsoft Word, Scratch, PowerPoint, Google Docs, and Photoshop. Students also will use a variety of online multimedia tools to create YouTube videos, explore Stopmotion Animation, write computer code, and investigate other forms of media for professional use. Students will learn the basic operation of digital still and video cameras.

### **Multi-Media Productions 2**

Multimedia Productions 2 takes a multimedia perspective involving the convergence of text, graphics, audio and video, and the distribution of these assets over the internet. This course requires critical thinking, information literacy, communication proficiency, and self- and peer- evaluation. Students will move beyond the basics of digital still and video cameras to work with Digital Photo, Graphic Design, Virtual Reality Design, Digital Video, Computer Coding, App Development, enter media contests, and explore careers in media. Prerequisite: Multi-Media-Productions 1

# ENGLISH LANGUAGE ARTS SEQUENCE

*Additional reading courses may be assigned according to individual need*

**6<sup>th</sup> Grade**

Language Arts 6

**7<sup>th</sup> Grade**

Language Arts 7

**8<sup>th</sup> Grade**

Language Arts 8

## ENGLISH LANGUAGE ARTS COURSES

### LANGUAGE ARTS 6

This course sets the foundations for secondary English/language arts through a pathway of rigorous reading and writing opportunities. Students will examine the theme of CHANGE through the units they study. They will connect their personal experiences with change to the texts they read and write. Students will write in a variety of modes including narrative, explanatory, and persuasive pieces. Students will develop skills in critical reading and thinking, reflection, revision, collaboration, and oral communication. The primary goals of the course are to foster independent learning, encourage in-depth exploration of the content and develop academic habits that prepare students for the next level and begin development toward college and career readiness.

### LANGUAGE ARTS 7

This course improves upon the learning set in 6th grade and pushes students to further application and synthesis of those English/language arts skills. Students will examine the theme of CHOICE through the units they study. They are introduced to the concept of choice, the consequences of those choices and outside influences of choices through analytical study of a variety of texts, including short stories, editorials, essays, advertisements, film, novels and poetry. Students will write in a variety of modes including expository, narrative, persuasive writing and literary analysis. Students will develop skills in critical reading and thinking, reflection, deep level revision, collaboration and oral communication.

### LANGUAGE ARTS 8

This course continues to improve on prior learning and pushes students to further application and synthesis of English/language arts skills. Students will examine the theme of CHALLENGES and the academic skills necessary for students as they transition to high school. They are introduced to the types of challenges people face as they study a variety of texts (including a unique opportunity to participate in literature circles). Students will write in a variety of modes including expository, persuasive and literary analysis. Students will develop skills in critical reading and thinking, reflection (including increased metacognition), revision, collaboration and oral communication, preparing them to transition to rigorous high school courses.

# HEALTH AND FITNESS SEQUENCE

## Middle School

### 6<sup>th</sup> Grade

2 Trimesters  
Health and P.E. / Fitness

### 7<sup>th</sup> Grade

2 Trimesters of P.E. / Fitness

### 8<sup>th</sup> Grade

1 Trimester P.E. / Fitness  
1 Trimester Health

## High School

Electives may vary in each high school

### 1.5 Credits

P.E. / Fitness

### .5 Credits

(1 semester)  
Health

# HEALTH AND FITNESS COURSES

(6 trimesters)

The Peninsula School District Middle School Physical Education curriculum is divided into three main content areas which include: Health and Fitness Academics, Fitness and Motor Skills. Most Peninsula School District middle schools have blended grade levels in Physical Education classes so the curriculum is spiraled in a three-year cycle rather than divided by grade levels (Kopachuck M.S. is the exception).

## HEALTH AND FITNESS ACADEMICS

**Year 1:** The Five Components of Fitness, Intensity, Cardiorespiratory Endurance and the FITT (Frequency, Intensity, Type and Time) Principle, Nutrition

**Year 2:** Muscular Strength and Muscular Endurance and the FITT Principle, Flexibility and the FITT Principle, Macronutrients and Muscles

**Year 3:** Nutrition, Fitness Planning, Body Composition and the FITT Principle

### FITNESS

Years One through Three: Fitness Measurements, Goal Setting, Circuit Training and any Physical Training as it relates to Cardio-Respiratory Endurance, Muscular Strength, Muscular Endurance and Flexibility

### MOTOR SKILLS

Years One through Three (May differ in each school): Track, Soccer, Volleyball, Basketball, Golf, Speedball, Games and Team Competitions, Hockey, Softball, Touch Football, Ultimate Frisbee, Disc Golf, Racquet Sports

**FEES:** P.E. Shirt (all sizes) - \$6  
P.E. Shorts (all sizes) - \$10

### HEALTH

The Health curriculum is divided by grade levels and is generally delivered in a traditional classroom setting due to the sensitive nature of the content.

**6<sup>th</sup> Grade Health Curriculum** will focus on:

Drugs and Alcohol, Refusal Skills, Human Development, Exploitation, Puberty, Reproduction and HIV/AIDS

**8<sup>th</sup> Grade Health Curriculum** will focus on:

Concepts of Health and Wellness, Contributing Factors to Teen Suicide, Suicide Prevention, Decision Making Process, Media Influences in Decision Making, Nutritional Awareness and Planning, Body Image and Eating Disorders, Communicable and Infectious Diseases, Noninfectious/non-communicable diseases, Tobacco, Alcohol, Drugs, CPR, AED Training, Health and the Environment, Personal and Social Relationships and Conflict Management

# MATHEMATICS SEQUENCE

## Middle School

Each course is one year unless otherwise noted

### 6<sup>th</sup> Grade

Math 6  
Math 7 Advanced

### 7<sup>th</sup> Grade

Math 7  
Math 7 Advanced  
Algebra 1

*Additional math support may be provided within or outside the school day for identified students.*

### 8<sup>th</sup> Grade

Math 8  
Algebra 1  
Geometry

## High School

Each course is one year/one credit unless otherwise noted. Math Electives may vary in each high school

### 9<sup>th</sup> Grade

Algebra I  
Geometry  
Algebra 2

*Math support is taken by identified students in conjunction with Algebra 1*

### 10<sup>th</sup> Grade

Geometry, Algebra 2  
Advanced Placement  
Other advanced courses (see below)

*See your high school's online course catalog for specific course information and more detail regarding requirements*

### 11<sup>th</sup> Grade

Algebra II  
Advanced Placement  
Other advanced courses (see below)

*3 years of high school math is required of all students.  
Math is recommended for 4 years in high school.*

### 12<sup>th</sup> Grade

Pre-Calculus  
AP Calculus AB  
AP Statistics  
Math Electives

# MATHEMATICS COURSES

(3 years)

The goal in middle school mathematics is for students to engage in meaningful mathematics in order to reason, communicate and solve real world problems proficiently. Through a balanced curriculum, students should gain skills with conceptual understanding, problem solving, and the use of vocabulary and mathematical representations. In all classes, students are asked to apply knowledge within various contexts to solidify their understanding.

## **6<sup>TH</sup> GRADE MATHEMATICS**

Connecting ratio and rate to whole number multiplication and division; using concepts of ratio and rate to solve problems; completing understanding of division of fractions and extending the understanding of number relationships to the larger system of rational numbers (including negative numbers); writing, interpreting, and using expressions and equations; developing understanding of statistical thinking; reasoning about relationships among shapes to determine area, surface area, and volume.

## **7<sup>TH</sup> GRADE MATHEMATICS**

Developing understanding of and applying proportional relationships; developing understanding of operations with rational numbers and working with expressions and linear equations; solving problems involving scale drawings and informal geometric constructions; working with two- and three- dimensional shapes to make sense of area, surface area, and volume; drawing inferences about populations based on samples.

## **7<sup>TH</sup> GRADE ADVANCED MATHEMATICS**

This course includes all content covered in 7th Grade mathematics as outlined above. Additionally, students will cover several 8th Grade topics, including: how proportional relationships relate to linear relationships; linear equations and systems of equations; angle, similarity, and congruence.

## **8<sup>TH</sup> GRADE MATHEMATICS**

Formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation; solving linear equations and systems of linear equations; understanding functions and how they can be used to describe quantitative relationships; analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence; understanding and applying the Pythagorean Theorem.

## **ALGEBRA 1**

Algebra 1 serves as the foundation for the study of mathematics at the high school and beyond. It is the first course of a sequence focusing on expressions, arithmetic with polynomials and rational expressions, creating equations, reasoning with equations and inequalities, interpreting functions, and interpreting categorical and quantitative data. Note that Algebra 1 at the middle school level includes the 8th Grade standards not covered in 7th Grade Advanced. This is necessary in order to accelerate students without skipping necessary content.

Topics include, but are not limited to: Interpreting the structure of expressions; performing arithmetic operations on polynomials; creating equations that describe numbers or relationships; understanding solving equations as a process of reasoning and explaining that reasoning; solving equations and inequalities in one variable; representing and solving equations and inequalities graphically; understanding functions and function notation; interpreting functions and linear models in context. Graphing calculators may be utilized; students will have access to these in class. Outside of class, students can use a fully functioning and freely available graphing calculator at [desmos.com/calculator](https://www.desmos.com/calculator). It is not required that you purchase a graphing calculator as students will gain ample experience using one in class.

## **GEOMETRY**

This course will cover topics such as understanding congruence in terms of rigid motions; proving geometric theorems; understanding similarity through transformations; proving theorems using similarity; defining trigonometric ratios and solving problems involving right triangles; using coordinates to prove simple geometric theorems algebraically; applying geometric concepts in modeling situations.

Graphing calculators may be utilized; students will have access to these in class. Outside of class, students can use a fully functioning and freely available graphing calculator at [desmos.com/calculator](https://www.desmos.com/calculator). It is not required that you purchase a graphing calculator as students will gain ample experience using one in class.

Having achieved mastery of algebraic concepts is a necessary foundation for success in Geometry.

**Please Note: Algebra 1 and Geometry are high school level courses. After entering high school, students may request these courses be placed on their high school transcript.**



# SCIENCE SEQUENCE

## Middle School

Each course is one year unless otherwise noted

**6<sup>th</sup> Grade**  
6<sup>th</sup> Grade Science

**7<sup>th</sup> Grade**  
7<sup>th</sup> Grade Science

**8<sup>th</sup> Grade**  
8<sup>th</sup> Grade Science

**STEM** (Science, Technology, Engineering, and Math)

Also see CTE STEM elective options like Intro to Engineering Design, Computer Aided Design (CAD), and Forensic Science

## High School

Each course is one year / 1 credit unless otherwise noted

Science electives may vary in each high school

### 9<sup>th</sup> Grade Opportunities

Biology  
Principles of Lab Science  
AP Environmental Science  
Principles of the Biomedical Sciences

### 10<sup>th</sup> Grade Opportunities

Biology, AP Biology  
Chemistry, AP Chemistry  
AP Environmental Science  
Physics, AP Physics  
Principles of the Biomedical Sciences

### 11<sup>th</sup> & 12<sup>th</sup> Grade Opportunities

AP Physics, AP Chemistry  
AP Environmental Science  
Principles of Biomedical Sciences  
Human Body Systems  
Science Electives

# SCIENCE COURSES

(3 years)

**Three themes spiral through all grade levels.** Inquiry, application and systems provide continuity and a process for exploring the various contents. Students learn how to ask a question that can be scientifically answered and how to set up an investigation that will explore their question. Not only do PSD students learn the content but they also learn how to apply their learning. The application thread and systems thread strengthens the ability of the students to apply learning to real-world issues. Technology is integrated through all three grade levels as a tool for learning.

## 6<sup>TH</sup> GRADE SCIENCE

The focus of this course is Earth Science. Introductory Physical concepts are also explored. Students explore planet Earth as an interacting system of solids, liquids and gases. Students gain an understanding of important Earth system cycles as they impact us today and as a way to understand the geological history of our planet. Volcanoes, earthquakes and plate tectonics are examples of specific features that are explored in terms of energy and components of a larger system. Beginning chemistry is explored and provides a strong foundation to more complex chemical understandings in 8th grade science.

## 7<sup>TH</sup> GRADE SCIENCE

The focus of this course is Life Science. Students study living organisms as systems composed of different layers of organization. Cells, tissues, organs and organ systems contain specific structures that are related to function. Plants, animals, and microscopic organisms are studied. Ecosystems and the flow of energy through ecosystems are very important concepts that allow students to comprehend our very complex Earth. The mastery of 7th grade concepts also allows students to gain a better understanding of the processes that govern inheritance, genetics, variation and diversity of life.

## 8<sup>TH</sup> GRADE SCIENCE

The focus of this course is Physical Science. The physical science components also are foundational for the Earth and Space component of 8th grade science. Students delve deeper into chemistry and learn about the properties of matter and changes in properties of matter. Chemical reactions and the flow of energy in chemical reactions are mastered. 8th grade also features a significant physics unit. The study of unbalanced and balanced forces, acceleration and speed, energy and friction and gravity provide content for highly engaging experiments. Students also use their new knowledge of physics and chemistry as they study Earth and Space. The Earth-Moon-Sun system is studied along with our place in the Solar System. In addition, students learn about the Solar System's place in the Milky Way Galaxy and our galaxy's relationship to other galaxies.

# SOCIAL STUDIES SEQUENCE

## Middle School

Each course is one year unless otherwise noted

### 6<sup>th</sup> Grade

Ancient Civilizations

### 7<sup>th</sup> Grade

World History &  
Washington State  
...

### 8<sup>th</sup> Grade

U.S. History

## High School

Each course is one year / 1 credit unless otherwise noted

Social Studies electives may vary in each high school

### 9<sup>th</sup> Grade

No requirement – Possible elective

### 10<sup>th</sup> Grade

World History  
Possible elective

### 11<sup>th</sup> Grade

US History  
Possible elective

### 12<sup>th</sup> Grade

Civics (1 semester)  
Possible elective

#### **AP Courses:**

*AP Economics*

*AP European History*

*AP Human Geography*

*AP Psychology*

*AP US Government*

*AP US History*

*AP World History*

# SOCIAL STUDIES COURSES

(3 years)

## **6<sup>TH</sup> GRADE SOCIAL STUDIES**

Sixth grade social studies deepen students' understanding of the Earth and its peoples through the study of history, geography, politics, culture and economic systems. Higher levels of critical thinking are emphasized by considering why civilizations developed where and when they did and why they declined. Students analyze the interactions among the various cultures, emphasizing their enduring contributions and the link between the contemporary and ancient worlds.

## **7<sup>TH</sup> GRADE SOCIAL STUDIES**

In seventh grade social studies, students become more proficient with core concepts through a study of both World and Washington State history. The first part of the year is focused on a continuation of world history from sixth grade as students look at the geography, civics and economics of major societies up through 1450. The second part of the year asks students to bring their understanding to their world today as they examine Washington State from 1854 to the present. While these two contexts are quite different, the purpose of studying these various regions and eras is the same: to develop enduring understandings of the core concepts and ideas in civics, economics, geography and history.

## **8<sup>TH</sup> GRADE SOCIAL STUDIES**

In eighth grade social studies, students further develop their understanding of U.S. history and government from 1776 to 1900. Students explore the ideas, issues and events from the framing of the Constitution up through Reconstruction and industrialization. After reviewing the founding of the United States, students explore the development of politics, society, culture, and economy in the United States to deepen conceptual understandings in civics, geography and economics. In particular, studying the causes and consequences of the Civil War helps them to comprehend more profoundly the rights and responsibilities of citizens in a culturally diverse democracy. Paired with a study of the U.S. economic structure is a brief study of personal finance in preparation for the Junior Achievement experience for 8th graders.

# WORLD LANGUAGE SEQUENCE

## Grades 8-12

Each course is one year / 1 credit

### 8<sup>th</sup> Grade

Chinese 1 (KMS & HRMS Only)  
Spanish I

### 9<sup>th</sup> – 12<sup>th</sup> Grade

American Sign Language (ASL)  
Chinese, French  
Spanish

### 3<sup>rd</sup> Year & Beyond

World Language  
is provided based upon enrollment.  
Please work closely with counselors and  
teachers if needing to take a 3<sup>rd</sup> year or more.

# ELECTIVE MIDDLE SCHOOL COURSES

(In addition to CTE Elective Courses)

Goodman Middle School	Harbor Ridge Middle School
Art Band (may be offered outside the school day) Choir Drama (Beginning & Advanced) Elementary School Tutoring Intro. To Leadership/Adv. Leadership P.E. Elective Play Production Publishing / Newspaper	Art AVID Band (may be offered outside the school day) Chinese 1 Choir Guitar / Keyboarding Leadership P.E. Elective Spanish I Technology
Key Peninsula Middle School	Kopachuck Middle School
Art AVID Band (may be offered outside the school day) Choir Computer Keyboarding Creative Writing & Journalism Drama Leadership P.E. Elective Play Production Spanish (6 <sup>th</sup> Grade Rotation Offering) Spanish I	Art (Beginning, Intermediate, Advanced) Band (Beginning, Intermediate, Advanced) Chinese 1 Choir (Beginning, Advanced) Drawing & Painting Pottery Spanish I 6 <sup>th</sup> Gr. Rotation (Leadership, Art, Manufacturing)

Spanish I and Chinese 1 are high school level courses. After entering high school, students may request these courses be placed on their high school transcript.

Please check with the school for any elective class fees.