

MOUNTAINSIDE MIDDLE SCHOOL

**7<sup>th</sup> Grade Course Guide  
2022-2023**



Mountainside Middle School  
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# Mountainside Middle School

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

### **Seventh grade required courses**

Math	2 semesters
English (see course descriptions for options)	2 semesters
Social Studies	2 semesters
Science	2 semesters
Physical Education	2 semesters

### **Seventh grade elective courses** (students choose one of the following)

Band	Year-long class
Choir	Year-long class
Orchestra	Year-long class
Students choose from the following:	Two semester-long classes
<ul style="list-style-type: none"><li>● Art 7</li><li>● Coding 7</li><li>● Design and Modeling</li><li>● Robotics 7</li><li>● Leadership 7</li></ul>	

# Mountainside Middle School

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

### REQUIRED COURSES

#### ENGLISH

**English 7:** The seventh grade English course focuses on reading, writing, speaking and listening and research skills that are all taught and reinforced through our core curriculum program called *Collections*. Students read a variety of classic and contemporary novels along with nonfiction essays, speeches and articles. Reading comprehension and vocabulary study are foundational in all English classes. Writing is taught throughout the core curriculum and focuses on the three modes: narrative, information and argument. Students learn structure, organization, word choice, idea development and conventions as they deepen their understanding about how to communicate through writing.

**Honors English 7:** This course uses the same core curriculum program, *Collections*, as English 7 but the activities take students deeper into the content. Students will also read more complex texts that may be above grade level. This course is designed to offer an enriched and challenging sequence of study for students who may be advanced in reading and writing. This is an advanced course that is open to all students; however, students should thoughtfully consider enrollment in an honors course.

**Resource English 7:** Students with IEPs will be placed in Resource English. See description below.

#### MATHEMATICS

**Math 7:** Students will further develop their understanding of rates and ratios, using tables, graphs, and equations to solve real-world problems involving proportional relationships. Students will also work on quickly and accurately solving multi-step problems involving positive and negative rational numbers—any number that can be made by dividing one integer by another, such as  $\frac{1}{2}$ , 0.75, or 2. Additionally, students will expand their knowledge of geometry and apply the properties of operations to solve real world problems involving the measurement of multi-dimensional objects.

**Advanced Math 7:** Students will take their understanding of unit rates and proportional relationships to a new level. By connecting these concepts to points on a line and ultimately solving linear equations, students will apply algebraic reasoning and their knowledge of the properties of operations. Students will be evaluated for placement in this class.

**Algebra I:** Algebra I is foundational for all future math courses. Students explore algebraic problem-solving for linear, exponential and quadratic functions as represented in context or as a graph, equation and table. Areas of study include arithmetic and geometric sequences; linear systems and inequalities, polynomials and factoring; and modeling and statistics. This course is consistent with Washington State Standards. *A student earning a passing grade in this course will receive high school credit, which shall be applied to fulfilling high school graduation requirements, unless requested otherwise by the student and the student's parent or guardian by the end of the 11<sup>th</sup> grade year. (WAC 180-51-030)*

## PHYSICAL EDUCATION

**Health and Fitness Education:** This course emphasizes team and individual sports, lifetime activities, and health and fitness concepts. Students will participate in a wide variety of activities, as well as gain an understanding of how to plan their own lifelong health and fitness.

## SCIENCE

**Science 7:** Have you ever wanted to learn more about the science of life...all life? In 7th Grade Science, a CTE project-based STEM class, you will explore cell structure, genetics, evolution, characteristics of living things, ecological relationships and human body systems through team-based problem solving which will allow you to interact, create and develop solutions to real world problems and current issues. You will also become a physician in our middle school medical school, investigating diseases, developing treatment plans, assessing patient profiles and genetic disorders and exploring the relationship between cells, tissues, organs, and systems and their impact on healthcare. You will further investigate the connections with industry, research on ecosystems and the future of biomedical science.

## SOCIAL STUDIES

**Social Studies 7 (Pacific Northwest History):** Seventh graders explore Washington state, from native and European contact to the present. They examine the state constitution and key treaties, including local and popular tribal sovereignty issues. Understanding of civics, economics, geography and history are developed while learning about differing cultural experiences as well as interactions between humans and the environment. This course fulfills a Washington State graduation requirement. *In addition, students will explore current world and local issues and events that affect students' everyday lives.*

## **CONTINUING MUSIC ELECTIVES (year-long courses)**

**Beginning Band:** Beginning Band is for the student who has little or no band experience. There will be performances during the school year. Students will be graded on performance, preparation, participation in class and attendance at additional rehearsals and events. Students are responsible for providing their own instruments. The band instructor will guide this process during the first week of school. Students will be placed in the appropriate band.

**Cadet Band:** This course is for students with band experience. Along with music fundamentals at the individual level, students will learn group techniques in an advanced band setting. This band has a number of performances during the school year. Students will be graded on performance, preparation, participation in class and attendance at additional rehearsals and events. Students will be placed in the appropriate band.

**Symphonic Band:** This course is for advanced students with band experience. Along with music fundamentals at the individual level, students will learn group techniques in an advanced band setting. This band has a number of performances during the school year. Students will be graded on performance, preparation, participation in class and attendance at additional rehearsals and events. Students will be placed in the appropriate band.

**Jazz Ensemble I:** Jazz I is an elective class for the most advanced students who have auditioned and been selected as members of the ensemble. Students in Jazz I are required to also have a concert band as their elective unless their instrument is piano or bass. The curriculum consists of advanced jazz techniques such as ensemble playing, style, feel, jazz theory and improvisation. This band has a number of performances throughout the year.

**Jazz Ensemble II:** Jazz II is a “zero hour” class for students who have auditioned and been selected as members of the ensemble. Students in Jazz II are required to have a concert band as their elective unless their instrument is piano or bass. The curriculum consists of developing jazz techniques such as ensemble playing, style, feel and improvisation. This band has a number of performances throughout the year. Jazz II rehearses Mondays and Thursdays from 7:00 am to 8:00 am. Auditions are held at the beginning of the year.

**Concert Choir:** For all voices - sixth, seventh and eighth grade - no audition required. Students will learn and improve vocal skills by performing literature from many genres including American, sacred, jazz and contemporary. Students will perform in night concerts and travel to festivals. Students are graded on participation in class, skills-evaluations, and required performances as outlined in the Choral Handbook. This is not an audition-based choir. Required fees include ASB and uniform purchase.

**Treble Choir:** For Soprano, Mezzo Soprano and Alto voices, advanced singers in mostly seventh and eighth grade, by audition. Students will learn and improve vocal skills by performing challenging literature from many genres. Students will perform in night concerts and travel to festivals. Students are graded on participation in class, skills-evaluations, and required performances as outlined in the Choral Handbook. Required fees include ASB and uniform purchase. This is an audition-based choir and will be a year-long (two semester) commitment.

**Jazz Choir:** For all voices including Soprano, Alto, Tenor and Baritone, mostly eighth grade advanced singers by audition only. Students will learn and improve classical and jazz vocal skills in particular, performing challenging literature from many genres including chamber and jazz music. Students are graded on participation in class, skills-evaluations, and required performances as outlined in the Choral Handbook. Required fees include ASB and uniform purchase. This is an audition-based choir and will be a year-long (two semester) commitment.

**Intermediate Orchestra:** This course is designed for the intermediate strings student with one or two years of playing experience. Students will receive further instruction on the music fundamentals, scales, rhythm, sight-reading and advancing their playing skills. Grade is based on performance, amount of time spent preparing and learning skills, and participation in class. Students will be placed in the appropriate orchestra by the instructor based on playing skills.

**Advanced Orchestra:** This course is designed for the advanced strings student with two or more years of playing experience, or those students with advanced skills on their instrument. Students will receive further instruction on the music fundamentals, scales, rhythm, sight-reading at more advanced levels. Grade is based on performance, amount of time spent preparing and learning performance skills, and participation in class. Students will be placed in the appropriate orchestra by the instructor based on playing skills.

## **ELECTIVE COURSES (Semester Long)**

**Art 7:** This project-based course focuses on developing works of art in two dimensions. Students will expand their creativity and refine their artistic skills through hands-on experiences that enhance visual awareness and confidence in representing both the real and imaginary worlds. Students will develop, critique, and revise their projects while investigating various methods for artistic expression and materials for producing art on a flat surface. *No previous experience is required.*

**Coding 7:** An introduction to Computer Science and game design using MIT Scratch and App Inventors coding platforms. Students will explore how to solve design problems using computational thinking. Students learn the basics of how to code, what they can do with code, and where it can take them later in life.

**Design & Modeling:** Design and Modeling is a beginning class to introduce students to engineering, design, sketching, 3D modeling, and problem solving skills. Students will practice using the Design Process and will use creativity to design, create, and test physical models.

**Robotics 7:** This course is a project-based learning environment where students use critical thinking and problem solving skills with one another using Fischertechnik and Vex IQ robotics materials. Students will be challenged to work productively using the design process in small groups to solve a series of project and programming challenges. Students will also be introduced to the use of gears, mechanisms, compound machines, and system interactions.

**Leadership 7:** Leadership class focuses on the way students can help improve our school. Students enrolled in this class will be responsible for taking part in school-wide activities. This course will be hands-on and provide an excellent opportunity to gain leadership skills.

## **SUPPORT COURSES**

**Reading Enrichment:** This course focuses on reading comprehension and vocabulary. Students learn different reading strategies each week that can immediately be implemented in their core classes to help build reading comprehension. Weekly attention is also given to reading fluency and reading rate, as necessary. However, the focus is on reading strategies and vocabulary development to improve understanding of all different types of texts. Students will be assigned to this class.

## **SPECIAL SERVICES PROGRAMS**

*Students must be qualified through the Mead School District's Special Services Department. Each student's Individual Education Plan (IEP) services will be determined on a case by case basis. A continuum of services will be provided for each individual student's needs.*

**Resource Room:** The purpose of the Resource Room is to provide specially designed curriculum and individual instruction in the basic skills of reading, written expression, mathematics, and other areas as determined by the IEP team.

**Life Skills:** The goal of Life Skills is to teach the functional skills necessary to become a productive and independent member of society. Students will be taught how to participate in a variety of vocational and leisure time activities.

**Developmental Learning Center:** This is a Mead School District program for middle school students who qualify for special education services and who have an Individualized Educational Program (IEP). The curriculum is highly individualized and based on each student's IEP. The program's focus is on functional academics, communication skills, and the development of social and adaptive skills. This is a non-graded program for middle school students.

### **Statement of Nondiscrimination**

The Mead School District complies with all federal rules and regulations and does not discriminate on the basis of race, color, national origin, sex or handicap. This holds true for all students who are interested in participating in educational programs and/or extracurricular school activities. Inquiries regarding compliance procedures may be directed to the school district's Title IX/RCW 28A.640.