

*Course Offerings and Availability are subject to change depending on funding and resources available

Mountain View Middle School

2019-2020 Sixth Grade-Course Catalog

Required Core Courses for Sixth-Grade Students

Number	Core Subject	Course Description
	Language Arts	The 6th grade follows Common Core State Standards for Reading Literature, Reading for Information, Writing, Language tic fiction, they will write an explanatory essay, and they will write an argument essay They will analyze and reflect on literary elements, literature, informational text; and also use informational texts to support an argument.Usage, and Speaking & List
	General Math	Designed to provide a mathematical foundation for students living in a world of rapidly developing technology, this core subj gives students the opportunity to apply and connect old and new knowledge. Students will investigate graphs and statistics, decimal operations, pattern and number sense, fraction operations, geometry, ratio, proportion and percent, area and volum integers, and be introduced to algebra and probability.
	Advanced Math	The purpose of this course is to prepare the student for 7 th grade Pre-Algebra. Throughout this course students will develop understanding in Numbers and Operations, Algebra, Geometry and finally Data Analysis. To be reviewed by current math teacher for appropriate placement.
	Earth Science	Students will study the structure of Earth systems, Earth's history, weather, and Earth in the solar system. Life and physical science will be integrated into the curriculum throughout the school year. The understanding of scientific process, basic measurement tools, and organization skills are introduced. Basic laboratory and safety skills are emphasized through stude centered activities, with emphasis given to practical implications and every day applications that are meaningful to students.
	World History/Geography	The focus of this course is the history, geography, civics and economics of the ancient Mediterranean world. Emphasis will l placed on the progression of civilizations from the Paleolithic to Medieval European times. Students will learn and use basic geographic skills to develop an awareness of where we are in relation to other societies

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PE-SM	This class is designed to meet the needs of all students regardless of ability. The common goal is to expose students to a variety of activities in hopes they will pursue them in their leisure time. Students will learn and participate in individual, team lifetime sports and activities. Students must purchase Mountain View PE uniforms for \$16.00 .
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Special Education classes offered at MVMS are designed to meet the Individual Educational Program (IEP) requirements at a level for individual students.

Elective Arts/Electives Your class selections help to determine if a class is going to be offered. If too few people sign up for a class will not be offered.

6th Grade Full-Year Classes

Number	Course Name	Course Description
	Beginning Band	This class is for all students who wish to play a band instrument. No previous experience is necessary to enroll in this class. Students will learn the basics of playing a woodwind, brass or percussion instrument. Daily practice is essential. Attendance at all performances is mandatory for the class. Fundraising may be done during the school year. (All band classes require instrument rental or purchase).
	Beginning Orchestra	This class is for all students who wish to play a stringed instrument. No previous experience is necessary to enroll in this class. Students will learn the basics of playing a violin, viola, cello or bass. Daily practice is essential. Attendance at all performances is mandatory for the class. A white shirt and black pants/skirt are required for performances. Some school instruments are available for a fee. Fundraising may be done during the school year. (All orchestra classes require instrument rental or purchase).
	Beginning Chorus	This is a year long class that is open to any student who would like to learn more about music. Choir provides the opportunity to sing a variety of choral literature styles. It is designed to develop vocal techniques and the ability to sing parts. No previous experience is necessary. Attendance at all performances is mandatory. Fundraising may be done during the school year.

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6th Grade Semester Classes

Number	Course Name	Course Description
	Explor Art	Students will learn art history, art theory, art critique, and art-making using various methods and materials. Students will explore various media, specifically: drawing, pastel, painting, printmaking, ceramics and paper mache. They will understand basics of drawing, the elements of art, principles of design and color theory by the end of the course
	Explor Computers	Students will be introduced to proper technique, learning all of the letters, numbers and symbols on the keyboard. The goal for all students to increase their speed and accuracy throughout the semester. In addition, students will practice with the standard MS Office applications such as Word, Excel, Publisher, and PowerPoint. Correct formatting of basic documents in each application will be emphasized.
	Explor Con Science	Students will learn about nutrition, food safety and sanitation, kitchen appliances, methods of cooking, and of course we will collect many great recipes along the way! Whether you already have experience in the kitchen, or don't know how to boil water, this class will teach you the basics of cooking and baking.
	Explor Drama	Drama is a course designed to bolster self-confidence and self-esteem through the art of acting and performance. Students participate in all activities at all times but students will be guided through a progression of activities to help them overcome performance fears prior to performance activities. Classes are designed to be supportive for all students. Disciplines cover include, but are not limited to, pantomime, acting, playwriting, vocal projection, technical theatre, and ensemble building.
	PE-SM	This class is designed to meet the needs of all students regardless of ability. The common goal is to expose students to a variety of activities in hopes they will pursue them in their leisure time. Students will learn and participate in individual, team and lifetime sports and activities. Students must purchase Mountain View PE uniforms for \$16.00 .
	Explor Spanish	Students will explore various cultures around the world and learn about their traditions, food, music, art and language dialect. Students will also learn basic communication to be able to hold a simple conversation in Spanish.

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Automation and Robotics

An introductory course in which students learn the engineering concepts of project management and design through non-robotic build projects and then apply the concepts as they build and program EV3 robots.

Mountain View Middle School 2019-2020 Seventh-Grade Course Catalog

Required Core Courses for Seventh-Grade Students

Number	Core Subject	Course Description
	Language Arts	Seventh grade middle school students will be taught a rigorous, highly engaging, student-centered, interactive, and standard based curriculum. Beginning with the end in mind, they will identify and ultimately learn the skills and knowledge needed in order to be successful throughout the unit. The 7 th grade's year long theme focuses on Choices. Each Unit encompasses some element of Choices where the students will be introduced to the following writing components through the writing process: revising a narrative, writing a myth, analyzing and creating an advertisement, analytical essay, research, monolog and poetry. They will also be engaged in various performance activities as well as respond to video clips. Additionally, they read various texts such as myths, letters and novels throughout the school year.
	General Math	This course will expand on skills acquired in sixth-grade and also concentrate on applications with decimals, data analysis, integers and fractions, investigations in geometry, surface area and volume, applications with percent, proportions/similarity, probability, and functions and graphs.
	Pre-Algebra (Accelerated course)	The purpose of this course is to prepare the student for 8 th grade Algebra. Throughout this course students will develop understanding in Numbers and Operations, Measurement, Algebra, Geometry and finally Data Analysis and Probability. To reviewed by current math teacher for appropriate placement.

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Life Science	Students will concentrate on the study of nature and methods of science while examining the concepts of the structure and function of life, geologic time, ecology, animal diversity, bacteria, plants, biological evolution and Earth's systems and atmosphere. Earth and physical science will be integrated into the curriculum throughout the school year. The understanding scientific process, basic measurement tools, and organization skills are introduced. Laboratory and safety skills are emphasized through student centered activities, with emphasis given to practical implications and every day applications that are meaningful to students.
New Mexico History	This course is designed to teach students what constitutes History through a geographer's perspective and a territorial view beginning with the natives of New Mexico through Hispanics of the 18 th century. It chronicles pre-contact with the indigenous people of this region, European contacts made by various Spaniards during their expeditions, and Oñate's colonization. Students learn about New Mexico and how early pioneers and settlers survived and have remained true to their cultures. This course examines Spanish exploration and the impact of European contact with New Mexican Indians. Students learn the societal progression of colonization, missionaries, military conflicts, peace, revolts, cultural assimilation, population growth, commerce, property law, government, politics and lawlessness through the periods of Mexican Independence, Mexican Republic, American Occupation, Territorial Government and Statehood. Students acquire knowledge about notable people, events and places through historical timelines.

Special Education classes offered at MVMS are designed to meet the Individual Educational Program (IEP) requirements at the level for individual students.

Special Arts/Electives Your class selections help to determine if a class is going to be offered. If too few people sign up for a class, the class will not be offered.

7th Grade Full-Year Classes

Number	Course Name	Course Description
	Intermediate Band	This class is for band students who have at least one year of experience on their instrument. Emphasis is placed on developing the student's basic musical skills while preparing them to progress to advanced band. Theory, scales, and musical terms will be introduced as necessary for the development of the student and the group. Daily practice is essential. Attendance at all performances is mandatory. Fundraising may be done during the school year. (All band classes require instrument rental or purchase).

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Intermediate Orchestra	This class is for orchestra students who have at least one year of experience on the violin, viola, cello, or bass. This class is to advance the techniques and abilities of students who are currently playing stringed instruments. Daily practice is essential. Attendance at performances is mandatory. Performances at festivals are part of this class. A white shirt and black pants/skirt are required for performances. Fundraising may be done during the school year. (All orchestra classes require instrument rental or purchase).
Intermediate Chorus	This is a year long class that is open to any student who would like to learn more about music. Choir provides the opportunity to experience a variety of choral literature styles. It is designed to develop vocal techniques and the ability to sing parts. No previous experience necessary. Attendance at all performances is mandatory. Fundraising may be done during the school year.

7th Grade Semester Classes

Number	Course Name	Course Description
	Intro to Spanish	This course will give students the opportunity to learn the basics of Spanish, including numbers, colors, vocabulary, and conversational Spanish. Students will learn to write and speak in complete sentences. They will learn how to conjugate and use adjective description. Cultural awareness will be explored.
	Physical Education	This class is designed to meet the needs of all students regardless of ability. The common goal is to expose students to a variety of activities in hopes they will pursue them in their leisure time. Students will learn and participate in individual, team, and lifetime sports and activities. Students must purchase Mountain View PE uniforms for \$16.00 .
	Art_Int	Students will learn art history, art theory, art critique, and art-making using various methods and materials. Students will explore various media, specifically: drawing, pastel, painting, printmaking, ceramics and paper mache. They will begin to develop their own creative process through learning artistic behaviors as well as produce meaningful, socially aware art that is in accordance with the National Visual Art Standards..
	Computer Programming	This is an entry-level programming (i.e., coding) course covering the basic coding components of Loops, Events, Conditions, Functions, and Variables. Application of the coding principles is applied using Lightbot.com, Code.org, Scratch.mit.edu , and basic robots. Additional topics include Video Game Design and the Python text-based language.

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Computer Graphics	This course focuses on digital programs and techniques. Some examples are Google Slides presentations, Moho A creating digital marketing materials, and more. Topics covered include Presentation Software, Computer Drawing, M Animation, and Graphic Design.
Consumer Science	This semester long class is for students whom would like to sharpen your cooking skills. We will be reintroducing old skill techniques in order to improve on them. We will be tackling new topics in foods and nutrition and picking up some new advanced recipes along the way.
7 Seminar	The curriculum varies according to each student's needs and interests. Class members are encouraged to work with th to design projects which will allow them to examine their intellectual passions and how they relate to their future go group projects are offered to help develop interpersonal skills and an understanding of the importance of valuing e unique perspective.
Automation and Robotics	An introductory course in which students learn the engineering concepts of project management and design through nor build projects and then apply the concepts as they build and program EV3 robots.
Drama	Drama is a course designed to bolster self-confidence and self-esteem through the art of acting and performance. Stude participate in all activities at all times. Classes are designed to be supportive for all students. Disciplines covered include not limited to, pantomime, acting, playwriting, vocal projection, technical theatre, and ensemble building.

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Mountain View Middle School

19-2020 Eighth-Grade Course Catalog

Required Core Courses for Eighth-Grade Students

umber	Core Subject	Course Description
	Language Arts	Eighth grade middle school students will be taught a rigorous, highly engaging, student-centered, interactive, and standard based curriculum. Beginning with the end in mind, they will identify and ultimately learn the skills and knowledge needed order to be successful throughout the unit. The 8 th grade's year long theme focuses on Challenges. Each Unit encompasses some element of Challenges where the students will be introduced to the following writing components through the writing process: definition essay, epilogue, persuasive essay, and analysis of a text. They will also be engaged in various performance activities as well as respond to video clips.

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Math	Math 8 is a yearlong course that will expand the skills acquired in seventh grade and concentrate on an introduction to algebra, integers, rational and real numbers, and applications with proportions, percents, probability, statistics, linear function and graphing, and two and three dimensional geometry. Evaluation of knowledge will include investigations, problem solving activities, along with formative assessments.
Pre-AP Algebra I	This is a full year course equivalent to Algebra course offered at the 9 th grade level, and will be counted as a High School Algebra credit. It will serve as the prerequisite, however, for Pre-AP Geometry, Geometry, and Introduction to Statistics. The course is designed to teach students how to solve problems that involve variables and work with rational numbers. Students will learn the basic structure of the real number system and recognize techniques for solving equations and inequalities, graphing, operations with polynomial expressions/equations, techniques of factoring, systems of equations and quadratic equations. Evaluation of knowledge will include presentations, projects, reports, and tests. Students must have at least a 73% average both semesters to receive high school credit. If this criteria is met, students will be awarded one credit for high school math (Algebra I). To be reviewed by current math teacher for appropriate placement.
Physical Science	Science 8 is a yearlong course emphasizing Physical Science. The areas of concentration are energy, forces and motion, light, sound, waves, and an introduction to chemistry. In cooperative groups, students learn laboratory techniques, cooperative work, math analysis, and data interpretation in order for all students to become problem solvers.
American History	This course covers United States history from the age of exploration through the Civil War and Reconstruction. During the first semester key attention will be heeded to the colonization, Revolutionary, and Constitutional eras. Students will learn about the consequences of colonization and the resultant Revolution and creation of a more just government as provided by the US Constitution. The second semester will further develop students reasoning skills and their ability to show evidence of this through writing. Westward expansion, industrialization, immigration, the scourge of slavery, and the causes and consequences of the Civil War will provide the hub that the curriculum will extend from. Throughout this course students should develop their ability to research historical events, interpret these events, and defend their interpretations using fact-based evidence.
Health-SM	Course provides knowledge and skills practices in a variety of health topics including the six CDC health risk behaviors and must be aligned with the 9-12 NM Health Education content standards. Health education enables students to acquire the knowledge, skills and attitudes to achieve optimum health. This course will meet the high school graduation requirements.

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8th Grade Full-Year Classes

Number	Course Name	Course Description
	Advanced Band	This class is for band students who have at least two years of experience playing a band instrument with an emphasis placed on promoting technique for playing brass, woodwind and percussion instruments, and covers a variety of band literature styles. Daily practice is essential. Attendance at all performances is mandatory. Fundraising may be done during the school year. (All band classes require instrument rental or purchase).
	Advanced Orchestra	This class is for orchestra students who have at least two years of experience on the violin, viola, cello, or bass. This class is to further advance the techniques and abilities of students who are currently playing stringed instruments. Daily practice is essential. Attendance at all performances is mandatory. Performances at festivals are part of this class. A white shirt and black pants/skirt are required for performances. Fundraising may be done during the school year. (All orchestra classes require instrument rental or purchase)
	Advanced Chorus	This class is for choir students that have at least two years of experience in choir. Recommendation required. It is designed to develop vocal techniques and the ability to sing parts. Attendance at all performances is mandatory. Fundraising may be done during the school year.
	Spanish 1	Students develop more complex communication skills (listening, speaking, reading and writing) for basic situations: greetings and introductions, descriptions of family and friends and daily conversation. Basic geography and culture aspects are introduced. Students have the opportunity to compare the language and culture with their own and to observe the use of the language in communities beyond the classroom. Personalized oral and written projects enrich the course. Students that pass both semesters with a 73% or higher can elect to take Spanish II in 9 th grade.

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8th Grade Semester Classes

umber	Course Name	Course Description
	Physical Education	This class is designed to meet the needs of all students regardless of ability. The common goal is to expose students to a variety of activities in hopes they will pursue them in their leisure time. Students will learn and participate in individual, team lifetime sports and activities. Students must purchase Mountain View PE uniforms for \$16.00 .
	Art_Int	Students will learn art history, art theory, art critique, and art-making using various methods and materials. Students will explore various media, specifically: drawing, pastel, painting, printmaking, ceramics and paper mache. They will begin to develop the creative process through learning artistic behaviors as well as produce meaningful, socially aware art that is in accordance with National Visual Art Standards.
	Computer Programming	This is an entry-level programming (i.e., coding) course covering the basic coding components of Loops, Events, Conditions, Functions, and Variables. Application of the coding principles is applied using Lightbot.com, Code.org, Scratch.mit.edu , and robots. Additional topics include Video Game Design and the Python text-based language.
	Computer Graphics	This course focuses on digital programs and techniques. Some examples are Google Slides presentations, Moho Ani creating digital marketing materials, and more. Topics covered include Presentation Software, Computer Drawing, Motion Animation, and Graphic Design.
	Consumer Science	This semester long class is for students who would like to sharpen your cooking skills. We will be reintroducing old skills and techniques in order to improve on them. We will be tackling new topics in foods and nutrition and picking up some new and advanced recipes along the way.
	Drama	Drama is a course designed to bolster self-confidence and self-esteem through the art of acting and performance. Students participate in all activities at all times. Classes are designed to be supportive for all students. Disciplines covered include, but not limited to, pantomime, acting, playwriting, vocal projection, technical theatre, and ensemble building.

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	Gifted Seminar 8	The curriculum varies according to each student's needs and interests. Class members are encouraged to work with the teacher on design projects which will allow them to examine their intellectual passions and how they relate to their future goals. Also, projects are offered to help develop interpersonal skills and an understanding of the importance of valuing everyone's perspective.
	Automation and Robotics	An introductory course in which students learn the engineering concepts of project management and design through non-robotic build projects and then apply the concepts as they build and program EV3 robots.