

Mountainville Academy Middle School 2020-21

REQUIRED SCHOOL FEES



The following School Fees are assessed per student/per year. Class fees below are in addition to these required fees:

6th Grade	7th Grade	8th Grade	9th Grade
Activity Fee - \$15	Activity Fee - \$15	Activity Fee - \$15	Activity Fee - \$15
Technology Fee - \$35	Technology Fee - \$35	Technology Fee - \$35	Technology Fee - \$35
Locker Fee - \$2	Locker Fee - \$2	Locker Fee - \$2	Locker Fee - \$2
P.E. Fee - 3	PE Fee -\$3	PE Fee \$3	PE Skills Fee \$20
			Instructional Materials fee - \$35

Middle School Course Descriptions 2020-2021

Course Description	Credit	Grade Level	Fee
3D PRINTING This class will focus on learning how to create your own 3D models with Tinkercad. Each student will be able to make and print several models throughout the semester. There will be STEM based activities in class, as well as some 3D design challenges.	.50	6-9	\$30

ART FOUNDATIONS This class will cover both elements and principles of art, as well as the use of basic art materials. We will do a variety of projects using those basic materials, including drawing, painting, and 3D design. We will also learn how to use the elements and principle of art to strengthen your artwork. Each school year Art Foundations will be themed with either Star Wars, Disney, or Harry Potter. There will be some projects and class games based around those themes	.50	6-9	\$10
ASL American Sign Language This class provides students with instruction in American Sign Language (ASL) finger spelling, orientation to deaf culture, and interpreting from signing to voice and from voice to signing.	1.0	6-9	
BIOLOGY This course will cover the general study of living organisms. We will study the functions of atoms, molecules, cells, and genetics. We will explore biological diversity, and analyze the characteristics of ecosystems and the interdependence of organisms with each other and with their environment. Students will conduct various investigations to better understand the way that living things function and interact with their surroundings.	1.0	9	
CCA Students develop a variety of skills through hands-on, activity-centered lessons that are transferable to the workplace and life. Imagine the excitement of exploring numerous career fields and discovering how they relate to real-life situations, all while in junior high school. Students do that in College and Career Awareness! Areas of exploration include Agriculture, Business and Marketing, Family and consumer Sciences, Health Science, Information Technology, and Technology & Engineering.	1.0	7	\$10
CERAMICS In this class we will be working with firing clay to create a variety of projects. We will learn techniques for working with clay like slab work, coiling and “score-slip-stick”. Some of the projects we will make will be mugs, memory boxes and whistles. After the projects have been made they will be fired a second time to glaze them.	.50	6-9	\$30
COURT SPORTS This class will explore a variety of court sports, including basketball, volleyball, and badminton. The class is designed to teach students the fundamentals of the various activities and then allow the student to participate in games. The goal of this class is to provide students with the opportunity to explore a variety of activities to help them improve and maintain their current fitness levels.	.50	6-9	

CREATIVE CODING Creative Coding with CS Discoveries (1 st semester): Computer Science Discoveries Semester 1 is an introductory course that takes a wide lens on computer science by covering the following units: Problem Solving, Animations and Games, and The Design Process. Creative Coding with CS Discoveries (2 nd semester): Computer Science Discoveries Semester 2 is a computer science course that covers the following units: Data and Society, Physical Computing (Microbits and Adafruit), and Web Development.	.50	7-9	
CREATIVE WRITING Gives students the opportunity to develop writing skills through creative and artistic expression. Students will write during every class and explore a variety of writing genres. Each student will create a portfolio and learn how to evaluate their own and others' writing.	.50	7-9	
DIGITAL LITERACY This course is an introduction to technology, both hardware and software. Students will learn the importance of keeping their email and digital files organized, how to perform basic troubleshooting and how networks function. They'll complete projects in areas such as word processing, spreadsheets, slide shows, audio/video/image editing, programming, and web design. This course prepares students for the high school Digital Studies requirement.	.50	8	
EARLY MORN SEMINARY Students are released from school to attend religious instruction (Seminary, Bible Study, etc.)	No Credit	9	
ENGLISH 6 This class provides a foundation in reading, writing, speaking, and language use. Outside reading will be required. Daily writing (informal prompts) to academic term and/or semester writing assignments (longer, more formal pieces in narrative, informative, argumentative, creative. and other areas)	1.0	6	
ENGLISH 7 This class builds on the foundation established in 6th grade and continues studying reading, writing, speaking, and language use. Outside reading will be required.	1.0	7	
ENGLISH 8 This class builds on the foundation established in 6th and 7th grade and continues studying reading, writing, speaking, and language use. Outside reading will be required.	1.0	8	
ENGLISH 9 This class enhances and deepens students' understanding of reading, writing, speaking, and language use. Outside reading will be required.	1.0	9	

EXPLORING COMPUTER SCIENCE Exploring Computer Science (ECS) is a high school course that provides students with an introduction to the world of computer science in a non-threatening and exploratory way. Accessible to all students, it is a great way to get a general overview of computer science, explore how computers are used in nearly every industry and career today and learn how computers “think”. Students will learn how computers can be used to solve problems and they will use the online programming environment of Scratch to create several basic coding projects including a story and a game. This course fulfills a High School graduation requirement.	.50	9	
EXPLORING TECHNOLOGY Exploring Technology is a comprehensive, action-based, course that introduces students to technology and its impact on society. Students will develop problem-solving skills, improve awareness for College & Career Readiness (CCR), and build an understanding of the relationship between science, technology, engineering, and math (STEM). Students will explore engineering and technology in these three areas: 1) biotechnology, 2) energy & power, and 3) transportation. For example students may build and code an automatic drinking fountain, engineer a solar-powered car or 3D print a robotic hand.	.50	6-9	\$10
FILM CREATION Students will explore the development of motion pictures as literature through research, analysis, and creative projects.	.50	6-9	
FITNESS STRATEGIES The purpose of this class is to teach basic principles and fundamentals of physical conditioning, fitness, and athletic skill acquisition. This will be done by some traditional lecture style instruction, as well as plenty of physical activity and training. Students will be exposed to, and get to experience, various styles of training and exercise.	.50	7-9	
FOOD & NUTRITION This course is designed to focus on the science of food and nutrition. Experiences will include food safety and sanitation, culinary technology, food preparation and dietary analysis to develop a healthy lifestyle with pathways to career readiness. Laboratory-based experiences strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education.	.50	6-9	\$20
HEALTH This class is designed to inform the students about themselves and their surroundings. It covers hygiene, mental health, circulatory system, respiratory system, first aid (CPR), substance abuse, physical fitness, and other related areas.	.50	8	

INTERMEDIATE MATH I Utah State Standard Math. Intermediate Math 1 focuses on the following concepts: Proportional Relationships, Expressions and Linear Equations, Geometry, and Drawing Inferences.	1.0	7	
INTERMEDIATE MATH II Utah State Standard Math. Intermediate Math 2 focuses on three critical areas: applying equations in one and two variables, using functions to describe quantitative relationships, and applying the Pythagorean Theorem.	1.0	8	
KEYBOARDING/ALEKS The student will demonstrate correct keyboarding techniques while increasing speed and maintaining accuracy, use the computer 10-key pad, and be able to identify and use proofreader's marks. Students will also use ALEKS daily. ALEKS is an individualized mathematics learning system tailored to support the students in their current math class. Additional subjects, such as, Digital Citizenship, Research Resources, and Google Tools will be taught.	1.0	6	
LEADERSHIP AND LEARNING STRATEGIES (LLS) This is a class that is held everyday right after lunch where students create digital notebooks, check their grades and apply the 7 habits in their lives by serving on Elite teams. The Elite Squads are: <ul style="list-style-type: none"> • Hope Squad Elite Team: (Nielson) This team is the eyes and ears of a school. It is comprised of students who are trained to watch for at-risk students—provide friendship, identify warning signs, and seek help from adults. Hope Squad advisors train students who have been identified by their classmates as trustworthy peers to serve as Hope Squad members. Through evidence-based training modules, Hope Squad members are empowered to seek help and save a life. Hope Squad members are NOT taught to act as counselors, but rather, are educated on how to recognize signs of suicide contemplation and how to properly and respectfully report this to an adult. • Humanitarian Elite Team: (Palmer) The Humanitarian Elite Team is responsible for service within the school and in the community. Our community service includes: The Sock Drive. The Refugee Children's Clothing Drive, Food Drive, and any additional service needed in the community. We serve in the school by keeping our school beautiful, creating bulletin boards, and assisting in elementary classrooms on Fridays. • Inspiration Elite Team: (Lewis) This Team will focus on leadership and inspiration. The inspiration portion of the team will research inspirational stories that can be shown on the TV in 	1.0	6-9	

the front hallway. They will also seek inspirational stories from students at MVA.. Beginning with the end in mind; hopefully students will look at themselves as the leaders they can be.

- **Lion Pride Elite Team:** (Frei) On the Lion Pride Elite Team we will be creating art to display throughout the school. Some of this art will be on the bulletin boards in the Middle School hallways. Some of the art will be unique pieces we create to showcase our school pride. Basically, the Lion Pride Elite Team will be in charge of making sure students, teachers and guests know we have pride in our school through the medium of art!
- **MVA News Elite Team:** (Wallgren) The MVA News Elite Team brings people together by sharing the Mountainville experience through our news videos and website. News students enjoy getting to know about different people and activities through interviews. They learn to film, appear on camera, and edit video. News team members also get to write and edit articles, take photos, and design graphics. There's something for every interest! If you love learning something new, join the MVA news team!
- **Physical and Mental Health and Wellness:**(Sullivan) On this Elite Team, students work in teams to plan, organize, and implement various means of promoting physical and mental health and wellness. By striving to increase awareness and knowledge amongst their peers, students on this Elite Team expand their own knowledge and understanding of health related topics.
- **STEM and Science Elite Team:** (Edwards) The STEM elite team provides STEM services to the whole school that may include but are not limited to; running infiniD space missions, performing cool science demonstrations, planning star parties and teaching about technology such as robotics and drones. Directing tailor-made educational Space Lab Missions for elementary and middle school classes is one of our main services. Besides learning how to operate the AV effects and voice transformer controls, students will develop organizational skills as they communicate with teachers, plan schedules, and implement feedback in order to provide virtual space mission experiences that are out-of-this-world! The STEM Elite team will also promote the new Utah Science and Engineering standards by supporting teachers with technology-lesson resources and cool in-class demonstrations. Lastly, STEM elite team members will help plan and coordinate the Mountainville Academy STEM FEST held in the spring; increasing interest in science, technology, engineering, and math. The Sky's the limit when it comes to STEM!
- **Stuco/Senate Elite Team:** (Wheeler/Barnes) The StuCo/Senate Elite team plans, organizes, advertises, prepares, executes and evaluates school activities for MVA. This team works on teamwork, leadership, organization and project planning and helps to unify our school. The mission of this team is to promote school spirit.
- **Tech and Production Design Elite Team:** (Stroupe) This team will use technology and production design to assist in school events and performances. Students from this team will be

chosen to advertise, stage manage, assistant direct and/or design lights, sound, costumes, sets, and props for the school plays/musicals and other performances. If you like to be creative, enjoy theater and are willing to be proactive and self-motivated, this is a great place to be!			
MATH 6 Math 6 focuses on the following concepts: Ratios and Rates, Division of Fractions, Expressions and Equations, and Statistical Reasoning.	1.0	6	
MUSIC This is a developmental listening music class. Components of musical theater will also be part of this course. Preparation for afterschool plays will occur during this course as well. Students in the class develop a lifelong knowledge and enjoyment of music as they explore various genres of music through different time periods. Live performances, recorded music, video, and printed material are all used to help students acquire comprehensive listening skills, to become informed concertgoers and consumers of music, and to become active supporters of music and the arts.	.50	6-9	
PAINTING This class will focus on learning and improving painting skills. We will work with Watercolor, Acrylic, Tempera and Gouache paints. Some of the projects we will create are a unique color wheel, a triptych landscape, and a mixed media painting that uses ink and washable tempera paint.	.50	6-9	\$20
PE Skills and techniques in a variety of team and individual sports are taught. Running and exercise skills are taught to improve physical conditioning.	.50	6-8	\$3 + cost of uniform
PE SKILLS (9th grade PE) Participation Skills and Techniques. This course is designed to develop competency in up to five different activities, with more of a focus on lifetime sports. This class must be taken in Middle School.	.50	9	\$20 + cost of uniform
ROBOTICS FIRST LEGO League challenges kids to think like scientists and engineers. During the INTO ORBIT season, teams will choose and solve a real-world problem in the Project. They will also build, test, and program an autonomous robot using LEGO® MINDSTORMS® technology to solve a set of missions in the Robot Game. Throughout their experience, teams will operate under the FIRST signature set of Core Values, celebrating discovery, teamwork, and Gracious Professionalism®.	.50	6-9	\$10

SCIENCE 6 The sixth grade SEEd standards provide a framework for student understanding of the cycling of matter and the flow of energy through the study of observable phenomena on Earth. Students will explore the role of energy and gravity in the solar system as they compare the scale and properties of objects in the solar system and model the Sun-Earth-Moon system. These strands also emphasize heat energy as it affects some properties of matter, including states of matter and density. The relationship between heat energy and matter is observable in many phenomena on Earth, such as seasons, the water cycle, weather, and climates. Types of ecosystems on Earth are dependent upon the interaction of organisms with each other and with the physical environment. By researching interactions between the living and nonliving components of ecosystems, students will understand how the flow of energy and cycling of matter affects stability and change within their environment.	1.0	6	
SCIENCE 7 This course focuses on the theme of "structure" as a property that is common to all sciences. Students observe that all substances are made of smaller parts and are themselves parts of larger wholes, and that when parts come together the whole often has properties that are very different from its parts. Hands-on, inquiry-based instruction is used to help student's value science as a process for obtaining knowledge based on observable evidence.	1.0	7	
SCIENCE 8 Focus is on the theme of "change". Topics from physical, earth, and life science are integrated to illustrate the concept of change in nature. Students will study physical and chemical changes; changes in force, motion, and energy; and changes in the earth's crust and climate. Hands-on, inquiry-based instruction is used to help students value science as a process for obtaining knowledge based on observable evidence.	1.0	8	
SEC MATH I Utah State Standard Math. Secondary Math 1 deepens and extends understanding of linear relationships, and extends that knowledge to exponential phenomena. Secondary Math 1 also uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from previous grades. Secondary 1 will tie together these algebraic and geometric ideas.	1.0	9	
SEC MATH II Utah State Standard Math. The focus of Secondary Math 2 is on quadratic expressions, equations, and functions and on comparing their characteristics and behavior to those of linear and exponential relationships.	1.0	9	

STAGE CRAFT Stage crew members learn the mechanics of theater lighting, sound, set construction, painting, stage management, and technical design. Students will be involved in all phases of technical theater and may be required to come after school, evenings or early mornings for rehearsals and performances.	.05	6-9	
STUDY SKILLS Provides students with organizational tactics for homework and prioritization of activities. Various note-taking methods are explored. Approval Required	.50	6-9	
THEATER Students will explore the many aspects of theater including voice, character development, movement, improvisation, puppetry and acting. Students will practice professional performer and audience etiquette as they rehearse and perform puppet shows, scenes, skits, pantomimes and other fun projects.	.50	6-9	\$10
US HISTORY This United States History course is designed to emphasize historic events from the age of exploration to reconstruction and the western movements. Topics covered will include, but are not limited to, the age of exploration, colonization, Revolutionary War, national period, constitutional issues, Civil War, reconstruction, and the western movement. The emphasis of this is on the 18th and 19th centuries. There will be a continued effort to review and develop content, process, and thinking skills introduced in previous grades.	1.0	8	
UTAH HISTORY Students will be introduced to the significant events, people, cultures, and issues that have influenced Utah from its earliest beginnings through the present day. The first focus is devoted to history and events leading up to 1847 including Native Americans, Spanish, mountain men, explorers, Mormon influences, and the westward movement. The second focus included conflicts that led to statehood and the integration of Utah into the nation including the early development of mining, railroad, industry, and agriculture; the move from territory to statehood and the new century. The third focus will be on events leading to the present, including World War I, the Nineteen Twenties, Great Depression, World War II, post-war Utah, modern Utah, and local issues.	.50	7	
WORLD GEOGRAPHY AND CIVILIZATION World Geography and World Civilizations are combined classes with Geography covered first semester and Civilizations covered second semester. Geography focuses on the geography mode of inquiry, the cultures of the world, physical geography, map skills, economic systems of the world and governments.	.50	9	

World Civilizations explores world history from ancient to modern times and global issues. Major religions will be discussed as these influence their particular region. This course is only taught in the 9 th grade and is a High School graduation requirement.			
WORLD HISTORY In World History, we will be studying about some of the first great civilizations that sprung up when man went from a hunter/gatherer mentality to when nomadic tribes began to grow crops. In abandoning the hunting/gathering mentality, large cities began springing up in various parts of the ancient world. We will start our journey in Mesopotamia. We then travel through time and distance to study Egypt, Greece, Rome and then toward the Vikings discovering North America about 500 years before Columbus. Then it is onto the Age of Enlightenment and the French Revolution.	1.0	6	
YEARBOOK Students will study elements of digital design such as padding, font rhetoric, and style. Students learn photography basics such as cropping, background, foreground, focus, lighting, and rule of thirds. Students design and promote marketing materials around the school. Students will conduct research on journalism techniques and presentation etiquette. These skills support our primary goal of collaborating to design, create, market, and publish the elementary and middle school yearbooks.	.5	7-9	