

**MOUNTAIN RIDGE JUNIOR HIGH  
7<sup>TH</sup> GRADE COURSE DESCRIPTIONS**



**REQUIRED CORE CLASS COURSE DESCRIPTIONS:**



**\*\*MATH \*\***

**5070 – Math 7 (2 credits) :** These students will have math everyday. Math 7 will prepare 7th grade students to apply mathematical concepts and skills to solve problems they encounter in daily living. Computational skills, problem-solving strategies, data gathering and charting, measurement, graphing and number theory concepts will be explored and applied to the real world.

**5200 – Pre Algebra 7 (2 credits) :** These students will have math every day. This course is offered to students who have a good working foundation of the basic concepts of mathematics. Concepts are expanded and taught in an abstract manner which requires the students to learn to apply mathematical concepts in many different ways. Students need to be committed to doing about 30 minutes of homework each night. This course extends concepts in basic operations, whole numbers, decimals, integers, fractions, ration and proportion, percent, graphing, geometry, problem-solving, integers, equations, and other algebra concepts. Upon successful completion of this course students will take Algebra in 8<sup>th</sup> grade.

**5250 - Algebra (1 credit): You must test in to this class.** Students must pass the end of year State Core Test for Pre-Algebra. Testing will be administered by the Mt Ridge Math Department some time in May. Students, who qualify for the testing, will be notified. This class includes variables, integers, linear equations and inequalities, linear systems, factoring polynomials, graphing in coordinate planes, quadratic formulas and applications of the above topics.

**5257 - Algebra Academy (1 credit): You must test with the Peggy Crandall at the District Office to be in this class.**

**\*\*\*Academy and Algebra Students will register on-line for Pre-Algebra. Their Schedules will be adjusted on an individual basis.**



**\*\*ENGLISH \*\***

**4070 - English 7(1 credit):** This class will provide a foundation for learning in reading, writing including mechanics and usage, viewing, listening, and speaking. Teachers will emphasize the six traits of writing and essential reading strategies. Outside reading and book reports may be required.

**4180 – Reading180/English (2 credits): THIS CLASS IS A “BY INVITATION ONLY”.** These students will have the same teacher for Reading Skills and English 7. Students will work on skills to improve reading comprehension and understanding. These skills will be emphasized in their English class as well.

**\*\*\*Read 180/ English students will register on-line for English 7. Their schedules will be adjusted on in individual basis.**



**\*\*SCIENCE \*\***

**3200 - Science 7 (1 credit):** 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 students value science as a process for obtaining knowledge based on observable evidence.

**3204 – Academy Science 7 (1 credit):** This project-oriented class offers an advanced level of Integrated Science 7, focusing on the theme of structure as a property that is common to physical, earth, and life sciences, exposing students to complex and substantive content, and providing the opportunity to develop quality products that relate to the real world. The enriched curriculum will emphasize inquiry, research, creativity, and higher level thinking skills. Prior approval is required based on district testing.



**\*\*CTE (1 credit)\*\***

**8000 – Career Technical Education:** TLC is a high-tech exploratory experience for every 7th grade student. Students are given experience in and exposure to concepts, technology, and career information connected with business and industry as well as home living skills. The experiences are presented in four cluster areas:

- 1) **Business/Marketing/Computers**
- 2) **Family and Consumer Sciences**
- 3) **Technology/Agriculture**
- 4) **Careers and Health Sciences**

Each of the components includes a corresponding guidance module.  
STUDENTS WILL STUDY ALL FOUR CLASSES DURING THE YEAR.

**\*CTE Courses do not discriminate based on race, color, national origin, gender or disabilities.\***



**\*\*7<sup>th</sup> Exploration (1 credit)\*\***

**4700 - 7<sup>th</sup> Exploration (1 credit)\*\* :** Students will be given an opportunity to experience each foreign language for one term. The course includes cultural material as well as language experiences. Rotation includes:

- 1) **Spanish**
- 2) **French**
- 3) **German**
- 4) **Drama**

STUDENTS WILL STUDY ALL FOUR CLASSES DURING THE YEAR.

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### 1/2 YEAR CORE CLASS COURSE DESCRIPTIONS:



**\*\*UTAH HISTORY \*\***

**6100 - Utah History(.5 credit):** This course is a study of geography, geology, and prehistoric era of Utah. Also includes the Native Americans, the trapper, colonization, and the road to statehood. The state government is also taught.



**\*\*PE\*\***

**7600 – PE Female (.5 credit):**

**7605 – PE Male (.5 credit):**

Beginning Team Sports Activities; This class is an entry level course emphasizing beginner skills in a broad spectrum of activities in order to develop a foundation for future physical education classes. DANCE NO LONGER REPLACES PE.

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## FULL YEAR ELECTIVE CLASSES:

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### \*\*FINE ARTS\*\*

**1643 – Beginning Woodwind Band( 1 credit):** Students in beginning woodwind band are equipped with the basics of individual and ensemble playing skills, playing position, characteristic tone production, fundamental technique, rhythmic accuracy, and interpretation of music symbols. Most instruments are available for rent from local music store. Instruments such as tuba, euphonium, or French Horn can be rented from MRJR for an annual fee. **Summer band must be attended** for specific instruction on their instrument. Intermediate band is appropriate for those who can play all 12 major scales.

**1641 – Beginning Brass Band( 1 credit):** Students in beginning brass band are equipped with the basics of individual and ensemble playing skills, playing position, characteristic tone production, fundamental technique, rhythmic accuracy, and interpretation of music symbols. Most instruments are available for rent from local music store. Instruments such as tuba, euphonium, or French Horn can be rented from MRJR for an annual fee. **Summer band must be attended** for specific instruction on their instrument. Intermediate band is appropriate for those who can play all 12 major scales.

**1744- Beginning Percussion (1 credit):** You must audition to get into this class. Requirement of minimum 2 years piano. Class will focus on the fundamentals of percussion. Must take this class before you can audition for the Percussion class.

**1740 - Intermediate Band( 1 credit):** For those with skills that would suggest a middle comfort level. This will help them to be secure while they develop their playing skills. Students may participate in Jazz Ensemble on a “space available” basis and can audition for Symphonic Band.

**1660 - Beginning Orchestra(1 credit):** This is an entry level class for beginning students on violin, viola, cello, or bass viol. It is open to students of all grades and is preceded by a four-week “summer strings” session in July to give students specific instruction on their instrument. This school has violas, cellos, and basses for student rental. Violins can be rented or purchased through local music dealers. This Orchestra performs in a concert at the end of each quarter. Intermediate orchestra is appropriate for all students with at least one year prior experience.

**1760 - Intermediate Orchestra(1 credit):** This course is offered to students with at least one year experience playing violin, viola, cello, or bass viol. In addition to the quarterly concerts, this orchestra performs for the District Intermediate Orchestra Festival. No audition required if experience criteria is met.

**1624 –Chorus(.5 credit):** This is a music course with an emphasis on singing. Students receive experience in rehearsal and performance of suitable music for SATB voices.

**1990- Humanities(.5 credit):** A study of music, literature, art and sculpture.

**1100 - Art 7 (.5 credit):** This is an entry level art course designed to introduce students to the elements and principles of design, art history, criticism, diverse art media, and art making practices and to allow for the development of artistic, creative and problem –solving talent. This class is a spring board for all other art courses offered at both Jr. High and High school. This class will provide an opportunity for students to develop basic skills.