

SHMS GRADE CLASS SELECTIONS

7th Grade Class Descriptions

ALL STUDENTS ARE REQUIRED TO TAKE

08700 - TEACHER ADVISORY (TA)

This course provides an opportunity for students to establish a positive relationship with an adult role model in the school, to engage in silent sustained reading, to participate in character education and to focus on study skills. Teachers provide students with academic support in a mentorship environment. Participation in this class will help to enhance the core curriculum and to create a more positive environment in the school. Students have the opportunity to earn .25 credits per semester based on participation in all Teacher Advisory activities.

MATH (FULL YEAR)

52000 - MATH 7

In 7th Grade Mathematics students will focus on developing an understanding of and applying proportional relationships; developing an understanding of operations with rational numbers and working with expressions and linear equations; solving problems involving scale drawings and informal geometric constructions, and working with two and three-dimensional shapes to solve problems involving area, surface area, and volume; and drawing inferences about populations based on samples.

52010 - MATH 7H

In 7th Grade Mathematics Honors students will focus on developing an understanding of and applying proportional relationships; developing an understanding of operations with rational numbers and working with expressions and linear equations; solving problems involving scale drawings and informal geometric constructions, and working with two and three dimensional shapes to solve problems involving area, surface area, and

volume; and drawing inferences about populations based on samples. The Honors course includes extra depth and additional topics such as codes, patterns, number bases, and number systems.

52110 - MATH 8H

In 8th Grade Mathematics Honors students will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two and three dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. The Honors course includes extra depth and additional topics such as: 3D graphing and graph theory, fair division and apportionment, sets, and voting theory.

LANGUAGE ARTS, SCIENCE, SOC. STUDIES (HALF YEAR)

60000 - UTAH STUDIES

This course is designed to help students understand Utah's history, particularly emphasizing the periods of time in Utah from statehood to the present. Students will review the interaction between Utah's geography and its inhabitants, the formative contributions of Native Americans, explorers, and Utah pioneers, the relationships between government and the people of Utah, the many opportunities people have to make a living in Utah, the diverse nature of Utah's people and cultures, and the impact of contemporary events on the land and people of Utah. The Utah Studies Core is designed to meet the needs of a semester length course. Full year Utah Studies courses may expand the scope and detail of this course to meet specific needs.

30500 - SCIENCE 7

Seventh Grade Integrated Science focuses on the theme of "structure." Life, physical, and earth science contents are integrated in a core curriculum. The standards to be taught relate to matter, structure of earth's crust and interior, structure of cells and organisms, reproduction and heredity of organisms, and classification schemes.

45050 - LANGUAGE ARTS 7

This course, based on the 7th Grade Utah English Language Arts (ELA) Core Standards, is a combination of Language Arts and Reading and follows course descriptions for Language Arts 7 and Reading 7.

45010- READING

This course, based on the 7th Grade Utah English Language Arts (ELA) Core Standards, is designed for students requiring basic instruction with targeted reading intervention in reading comprehension, vocabulary, and reading skills to assist striving readers with literary, informational, and functional texts.

COLLEGE AND CAREER AWARENESS (FULL YEAR)

80000 - COLLEGE AND CAREER AWARENESS

CTE is Utah's exploratory Career and Technical Education Core Curriculum requirement for middle/junior high school. The purpose of this program is to allow students to be involved in activity centered lessons, which utilize technology, develop beginning skills, and explore careers.

DIGITAL LITERACY AND PHYSICAL EDUCATION (SEMESTER)

80070 - DIGITAL LITERACY

This course is an introduction to computer literacy. Students will have opportunities to use technology and develop skills that encourage creativity, critical thinking, productivity, and collaboration in the classroom and daytoday life. Skills will be demonstrated by creating a project for a different content area. This course is aligned with national and international standards and the Utah Core to prepare students across multiple levels of skills. Students will complete this course with a prerequisite to move into high school computer literacy courses.

70101 - FITNESS 7

This is a physical education course to develop a solid foundation in skills and competencies. Students are still mastering basic manipulative skills, and are ready to engage in lead up games and drills that provide a progression toward participation in regulation or advanced play. Students will apply skills in modified games, and may be introduced to regulation rules and game play. Instruction includes an introduction to training principles and activities that can enhance health related fitness as students pursue personal fitness goals.

71290 - MINDFULNESS YOGA

This class focuses on structural alignment, increase of strength and flexibility. It will deepen a student's awareness of breath and the role it has in generating energy and stamina in one's mind and body. The course will also incorporate techniques for stress relief, and enhance one's physical performance by teaching students how to connect breath, organ systems, physiology and anatomy all together.

ELECTIVES (FULL YEAR)

13020 - ORCHESTRA I

This class is for students who would like to learn to play a violin, viola, cello, or string bass. No experience necessary. Practice outside of class time and performances are part of this course. Instruments are required. If available, a viola, a cello, or a string bass may be rented from the school for a nominal fee.

13030 - ORCHESTRA II (REQ. AUDITIONS)

This is an intermediate level orchestra class focusing on intermediate level literature for orchestra. Rehearsals and performances outside of class time are part of the course requirements and will constitute a portion of the grade. Practice outside of class time with instrument is required. If available,

a viola, a cello, or a string bass may be rented from the school for a nominal fee.

13060 - BEGINNING WOODWINDS

This is a beginning band class offered for students who wish to learn to play the flute, oboe, clarinet or saxophone. Practice outside of class time and performances are part of this course. An instrument is required. If available, an oboe or tenor saxophone may be rented at the school for a nominal fee.

13070 - BEGINNING BRASS

This is a beginning band class offered for students who wish to learn to play the cornet, trumpet, French horn, baritone horn, euphonium, trombone, or tuba. Practice outside of class time and performances are part of this course. An instrument is required. If available, a French horn, baritone horn, euphonium, or tuba may be rented at the school for a nominal fee.

13080 - BEGINNING PERCUSSION

This is a beginning band class offered for students who wish to learn to play the drums, mallet keyboard instruments, and other percussion related instruments. Practice outside of class time and performances are part of this course. Drum sticks are required. A drum kit or mallets may also be required as per teacher request.

13462 - PERCUSSION II (REQ. PREREQUISITE)

This is an intermediate level band course that encourages increased technical and expressive musical proficiency through performance and study of music. Rehearsals and performances outside of class time are part of the course requirement and constitute a portion of the grade. Practice outside of class time with an instrument is required.

41000 - FRENCH I

This course is designed to teach elementary skills in listening, speaking, reading, and spelling. The curriculum covered in this course will give students the skills to communicate in culturally appropriate ways in the target language. By the end of this course, student skill level should be at novice mid level according to the American Council on the Teaching of Foreign Language (ACTFL) standards. Students will develop an appreciation for the culture of the countries where the language is spoken.

41800 - SPANISH I

This course is designed to teach elementary skills in listening, speaking, reading, and spelling. The curriculum covered in this course will give students the skills to communicate in culturally appropriate ways in the target language. By the end of this course, student skill level should be at novice mid level according to the American Council on the Teaching of Foreign Language (ACTFL) standards. Students will develop an appreciation for the culture of the countries where the language is spoken.

ELECTIVES (SEMESTER)

10261 - ART FOUNDATIONS 1

Art Foundations 1 provides an overview of visual arts while studying a broad variety of art tools and materials. With an emphasis on studio production, this course is designed to develop higher level thinking, art related technology skills, art criticism, art history, and aesthetics.

10271 - ART FOUNDATIONS 2

Art Foundations 2 provides an overview and introduction to visual arts through studying a variety of art tools and materials. This course builds on Foundations 1 with a more in-depth experience with fewer art forms. This course is designed to develop higher-level thinking, art-related technology skills, art criticism, art history, and aesthetics, with an emphasis on studio production.

16001 - INTRO TO THEATER

This is an introductory course in theatre with an emphasis on performance and playwriting. No previous experience is necessary. The course will include, but not be limited to, improvisation, monologues, characterization, movement, playwriting, and work with voice projection and diction. Other skills learned and developed include critical thinking, rehearsal skills, plot structure, reading, writing, and cooperative group work.

71461 - DANCE 1

This course offers basic dance techniques, fitness fundamentals, movement qualities, and rhythm with an emphasis on creativity, sequencing, and problem solving.

81380 - PYTHON CODING INTRO 1

Introduction to the Python coding language: Suitable for students who are new to coding. All coding with a focus on mastering the Python programming language.

81420 - COMPUTER SCIENCE INVESTIGATIONS

Introduces students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing on entire course on learning particular software tools or programming language, the course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or language might be utilized to solve particular problems.

CHINESE DLI COURSE (DLI STUDENTS ONLY)

41970 - CHINESE DLI 3H (FULL YEAR)

This course is specifically designed for students who have completed an elementary school Dual Language immersion program. It is designed to challenge students to encounter authentic texts published for native speakers. Students will be asked to grapple with real-world complex issues centered on six interdisciplinary themes: global challenges; science and technology; contemporary life; personal and public identities; families and communities; and beauty and aesthetics. This course begins preparation for the Advanced Placement Chinese exam.

41961/62 - CHINESE CULTURE AND MEDIA (FULL OR HALF YEAR)

This course is specifically designed for students who have completed an elementary school Dual Language Immersion program. It is designed to build skills in cultural-linguistic competencies necessary for successful communication with native speakers. Students utilize media and authentic texts to learn about the diverse cultural products, practices and perspectives of countries. This course begins preparation for the Advanced Placement Chinese exam.