

# 8th Grade Class Descriptions

## SHMS 8<sup>TH</sup> GRADE CLASS SELECTIONS

### **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.

### **LANGUAGE ARTS, SCIENCE, US HISTORY (FULL YEAR)**

#### 30510 - INTEGRATE SCIENCE 8

Eighth Grade Integrated Science focuses on the theme of “change.” Physical, earth, and life science contents are integrated in a core curriculum. The standards to be taught relate to observations of chemical and physical change, changes in biological energy, forces, energy and motion, constructing machines, and changes in the Earth’s crust and climate.

#### 45240 - LANGUAGE ARTS 8

This course, based on the 8th Grade Utah English Language Arts (ELA) Core Standards, is designed for grade level instruction reading comprehension, writing, methods of inquiry, and the processes, skills, and strategies for effective communication.

#### 60110 - US HISTORY 8

This course covers events and issues from the Age of Exploration through postCivil War Reconstruction and the Westward movement, emphasizing the 18th and 19th centuries. Topics covered will include, but are not limited to

exploration, colonization, the Revolutionary War, Constitutional issues, nation building, the Civil War, Reconstruction, and the Westward movement.

#### 45200 - READING (IF REQUIRED BY JSD)

This course, based on the 8th Grade Utah English Language Arts (ELA) Core Standards, is designed for students requiring basic instruction with targeted intervention in reading comprehension, vocabulary, and reading skills, to assist striving readers with literary, informational, and functional texts.

### **MATH (FULL YEAR)**

#### 52100 - 8<sup>TH</sup> GRADE MATH

In 8th Grade Mathematics 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 concepts 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.

#### 52110 - 8<sup>TH</sup> GRADE MATH H

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 threedimensional 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.

#### 53010 - SECONDARY MATH IH

Students in Secondary Mathematics 1 Honors will deepen and extend their understanding of linear relationships, in part by contrasting them with exponential phenomenon, and in part by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend their understanding of geometric

knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes sense of problem situations. Honors students will represent quantities, model, and perform operations using vectors and use matrices to perform operations and solve problems.

## **PHYSICAL EDUCATION (SEMESTER)**

### 70111 - FITNESS 8

This is a physical education course allowing students to continue participating in a variety of instructional physical activities. Experiences increase complexity in content, concept and skill development for a broad spectrum of activities. Students continue to practice skills in modified games, but increasingly participate in activities that are regulation games with more complex playing environments. This class incorporates more in depth instruction training principles that can enhance health related fitness as students progress in achieving 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.

### 70001 - HEALTH

This course develops the skills needed to improve the quality of life by helping students to cope with and solve problems, develop positive self image, and make healthy decisions. The students will explore positive life styles, disease prevention, emergency procedures, media literacy, and alcohol and drug abuse prevention.

## **ELECTIVE CLASSES (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

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.

### 13040 - ORCHESTRA III (REQ. PREREQUISITE)

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

### 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.

### 13351 - CONCERT CHOIR

This is an advanced vocal music group that is designed for students to sing advanced choral literature and build more techniques in singing. Rehearsals and performances outside of class time are part of the course requirements and constitute a portion of the grade.

### 13460 - CONCERT BAND

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. If available, an oboe, bass clarinet, bassoon, tenor saxophone, baritone saxophone, French horn, baritone horn, euphonium, or tuba may be rented at the school for a nominal fee.

### 13330 - WOMEN'S INTMD CHOIR

This is a vocal music course open to all students with soprano or alto vocal ranges. Two, three or four-part music is performed at various concerts. Primary consideration is given to part-singing, good vocal production, and

rudiments of music. Rehearsals and performances outside of class time are part of the course requirements and constitute a portion of the grade.

### 13490 - SYMPHONIC BAND

This is an advanced course which performs varied, advanced level music. Attendance is required at all rehearsals and performances. Rehearsals and performances outside of class are part of the course requirement and constitute a portion of the grade. Practice outside of class time with an instrument is required. If available, an oboe, bass clarinet, bassoon, tenor saxophone, baritone saxophone, French horn, baritone horn, euphonium, or tuba may be rented at the school for a nominal fee.

### 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.

### 41010 - FRENCH II (REQ. PREREQUISITE)

This course is designed to teach intermediate 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 high 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.

## 41810 - SPANISH II (REQ. PREREQUISITE)

This course is designed to teach intermediate 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 high 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 CLASSES (SEMESTER)**

### 00011 - STUDENT AIDE

This is a full year or semester course that offers students a unique experience working with teachers. This position provides an opportunity to observe and model an adult at work. It provides a wide range of learning opportunities in areas such as life skills, human development, and career exploration. Teacher aides experience the opportunity to practice reliable citizenship and social skills as they interact with peers, school staff and the general public.

### 02701 - PEER TUTOR

Students in this course work under the supervision of Special Education teachers in assisting students who have special needs or disability conditions. It is designed for individuals who are interested in pursuing a career in fields such as in education, sociology, psychology, or social work. Because Peer Tutors are placed in a position of trust, they are expected to be highly responsible and mature in judgment.

### 10251 - DIGITAL ART

This course is designed to provide an enhanced experience with the artistic issues of Foundations 1 through two dimensional art that is not usually included with drawing, painting, and/or printmaking. These nontraditional art media would include (but not be limited to): photo, computer and digital art, collage, photo copy manipulations, and animations. This course is mainly directed towards the effective use of the elements and principles of design.

### 10261 - ART I

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 II

Art Foundation 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.

### 10291 - CERAMICS I

Ceramics develops basic skills in the creation of 3D forms and pottery from clay. Techniques in hand building, wheel throwing, basic glazing, and firing are taught. With an emphasis on studio production, this course is designed to develop higher level thinking and art related technology skills. Some art criticism, art history, and aesthetics may be included.

### 10301 - CERAMICS II

This is an intermediate course that builds upon the concepts and skills learned in Ceramics 1. Students will consistently produce quality pieces of ceramics.

### 10331 - SCULPTURE

Sculpture is an overview of basic skills used to create 3D works of art. Both additive and subtractive techniques will be taught. With an emphasis on studio production, this course is designed to develop higher level thinking skills and art related technology skills. Some art criticism, art history, and aesthetics may be included.

### 10441 - DRAWING I

Drawing focuses on black and white or monochromatic rendering from life, pictures, masterworks, and imagination. This course is designed to develop higher level thinking and art related technology skills with an emphasis on



studio production. Some experiences in art criticism, art history, and aesthetics may be included.

### 10451 - DRAWING II

This is an intermediate course in drawing that builds on the skills and concepts taught in Drawing 1. The use of value is emphasized. Atmospheric perspective and accurate shading are studied along with composition.

### 10461 - PAINTING

Painting 1 includes wet and dry color media with processes such as transparent and opaque painting focusing on the properties of color. Techniques with color media mixing and application will be covered. With an emphasis on studio production, this course is designed to develop higher level thinking skills and art related technology skills. Some art criticism, art history, and aesthetics may be included.

### 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.

### 16011 - ACTING (THEATRE II)

This is an intermediate course in theatre with an emphasis on performance and playwriting. The course will include, but not be limited to, playwriting, characterization, monologues, scenes from plays, movement, voice projection and diction, and improvisation. Other skills learned and developed include critical thinking, rehearsal skills, plot structure, reading writing, and cooperative group work.

### 16015 - MUSICAL THEATRE (REQ. PREREQUISITE)

This is an intermediate course in theatre with an emphasis on performance and playwriting. The course will include, but not be limited to, playwriting, characterization, monologues, scenes from plays, movement, voice projection and diction, and improvisation. Other skills learned and developed

include critical thinking, rehearsal skills, plot structure, reading writing, and cooperative group work. It covers three and four-part music and a review of singing fundamentals. Rehearsals and performances outside of class time are part of the course requirements and constitute a portion of the grade.

#### 46551 - CREATIVE WRITING

This course, based on Utah English Language Arts (ELA) Core Writing Standards, is designed to introduce students to imaginative composition with the writing of personal experiences, character sketches, short fiction, and poetry. Students will have the opportunity to prepare manuscripts for publication, awards, and scholarships.

#### 71461 - DANCE 1

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

#### 71471 - DANCE 2

Recommended Prerequisite: Dance 1 or instructor approval. A course designed to develop dance techniques, flexibility and coordination, with an emphasis on creativity and artistic composition. There will be performances outside of class time that are part of the course requirements, and they will constitute a portion of the grade.

#### 80011 - EXPLORING TECH

Exploring Technology is an action based course that introduces students to the technological systems of two or more of the following areas: energy power technologies, information and communications technologies, transportation technologies, manufacturing technologies, and construction technologies. The course is designed around exploration in cooperative and individualized activities rather than project and skill development.

### 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.

### 81390 - PYTHON CODING INTRO 2

Continued mastery of the Python coding language, suitable for students who have taken Python Coding intro 1. All coding with a focus on mastering the Python programming language.

### 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 day to day 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.

### 87061 – FACS

This Family and Consumer Science course provides students with essential life skills. The course allows students to develop skills in two or more of the following areas: food and nutrition, childcare and safety, interior design and care of a home, clothing construction and style, consumerism, family relationships, personal responsibility, and job related skills. (Local schools can determine the areas of emphasis from the above curricula where multiple sections may be offered).

## **CHINESE DLI (ONLY FOR DLI STUDENTS)**

### 41980 - CHINESE DLI 4H (FULL YEAR)

This course is specifically designed for students who have completed an elementary school Dual Language Immersion program. It is designed to teach advanced skills in listening, speaking, reading, and writing. The course content includes the development of more complex vocabulary, literature, speaking, conversational skills, and written compositions. Outside cultural experiences may be expected. This course continues preparation for the Advanced Placement Chinese exam.

### 41963/64 - CHINESE CULTURE AND MEDIA (FULL YEAR OR SEMESTER)

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.