

# Sunset Ridge Middle School

## Ninth Grade Course Descriptions

### 2018-2019

**\$ - School Fees, rentals, and/or supplies may be required.**

### **Required Classes**

#### **9<sup>th</sup> Grade Core**

##### **Earth Science (Foundation/Core)**

The theme for Earth Science is systems as an organizing concept to understand life on Earth, geological change, and the interaction of atmosphere, hydrosphere, and biosphere. Earth's place in the universe, internal structure, atmospheric processes, and resources are explored to help students understand how Earth Science interacts with society.

##### **Biology (Foundation/Core)**

The Biology Core includes three major concepts for instruction. (1) The structures in all living things occur as a result of necessary functions. (2) Interactions of organisms in an environment are determined by the biotic and abiotic components of the environment. (3) Evolution of species occurs over time and is related to the environment in which the species live.

##### **Language Arts 9**

This course, based on the 9<sup>th</sup> Grade Utah English Language Arts (ELA) Core Standards, is designed for grade level instruction in reading comprehension, writing, methods of inquiry, and the processes, skills, and strategies for effective communication.

##### **Language Arts 9 Honors**

*Prerequisite: Instructor approval*

This course, based on the 9<sup>th</sup> Grade Utah English Language Arts (ELA) Core Standards, is designed for students who qualify for more advanced instruction in reading comprehension, writing, methods of inquiry, and the processes, skills, and strategies for effective communication.

##### **World Geography**

Geography is the study of physical and human characteristics of the Earth's people, places, and environments. Students will develop geographic thinking skills by studying the "why of where" as they examine the interactions, interconnections, and implications of forces shaping our world today. They will apply geographic knowledge and geo-literacy skills to identify, locate, interpret, analyze, and evaluate geographic patterns and processes. These standards emphasize both human geography and physical geography, and students will explore the interconnections between the two.

##### **Human Geography AP**

*Prerequisite: Instructor approval*

This college level course covers the nature and perspectives of geography, population, cultural patterns and processes, political organization of space, agricultural and rural land use, industrialization and economic development, and cities and urban land use. University credit can be earned with a successful performance on the Advanced Placement (AP) exam.

## **Participation Skills and Techniques**

This course focuses on demonstrating the ability to plan and implement different types of personal fitness programs, demonstrate competency in lifetime activities, describe key concepts associated with successful participation in physical activity, model responsible behavior while engaged in physical activity, and fill a need for self-expression, challenge, social interaction and enjoyment. This class is required for graduation.

## **Math – Placement is determined by current Math teacher recommendation**

### **Secondary Mathematics 1**

Students in Secondary Mathematics 1 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 use of their ability to make sense of problems situations.

### **Secondary Mathematics 1 Honors**

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.

### **Secondary Mathematics 2 Honors**

*Prerequisite: Secondary Mathematics 1 Honors*

Students in Secondary Mathematics 2 Honors will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations. Honors students will also represent complex numbers and their operations on the complex plane, solve systems of equations, prove and apply trigonometric identities, express conic sections algebraically, and solve problems using volume measurements.

## **Elective Classes – Full Year**

### **Band 1 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. \$

### **Band 1 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. \$

### **Band 1 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. \$

## **Band 2 – Concert (Concert Band)**

*Prerequisite: Audition/Instructor approval*

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. \$

## **Orchestra 1**

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. \$

## **Orchestra 2 - (Symphonic Orchestra)**

*Prerequisite: Instructor approval*

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. \$

## **Band 3 - Symphonic (Symphonic Band)**

*Prerequisite: Audition/Instructor approval*

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. \$

## **Choir 1 Soprano/Alto (Colle Voce & Minuet)**

*Prerequisite: Audition/Instructor approval*

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.

## **Choir 3 - Concert (Rhapsody)**

*Prerequisite: Audition/Instructor approval*

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.

## **Choir 1 Tenor/Bass**

This is a vocal music course open to all students with tenor or bass vocal ranges. Two, three, and 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.

## **French 1**

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

## **French 2**

*Prerequisite: French 1*

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.

## **Spanish 1**

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.

## **Spanish 2**

*Prerequisite: Spanish 1*

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.

## **Secondary Reading**

*Prerequisite: Instructor Approval*

This course is designed to help struggling readers in high school. This course will implement the Utah Core reading standards for both informational and literary text through a focus on improving reading comprehension, decoding, fluency, annotation, and close reading skills.

## **Advanced Dance - (Falcon Dance Company)**

*Prerequisite: Instructor approval*

A course designed to enhance and develop all aspects of dance technique and composition, emphasizing creativity and artistic choreographic skills. There will be performances outside of class time that are part of the course requirements, and they will constitute a portion of the grade. \$

## **Dance 2 - (Pre-Dance Company)**

*Prerequisite: Dance 1 or instructor*

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. \$

## **Intermediate Theatre (Year Long Audition Class)**

*Prerequisite: Beginning Theatre or Instructor approval*

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.

## **Stage Technology**

*Prerequisite: Instructor approval*

This course provides an overview and experience of the technical phases of theatre including lighting, sound, and management.

## **Elective Classes - Semester**

### **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. \$

### **Art Foundations 2**

*Prerequisite: Art Foundations 1 or Instructor approval*

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. \$

### **Ceramics 1**

Ceramics develops basic skills in the creation of 3-D 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. \$

### **Ceramics 2**

*Prerequisite: Ceramics 1*

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

### **Sculpture 1**

Sculpture is an overview of basic skills used to create 3-D 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. \$

### **Drawing 1**

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. \$

### **Drawing 2**

*Prerequisite: Drawing 1*

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. \$

### **Painting 1**

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. \$

### **Guitar 1 - Must provide own acoustic guitar**

This course provides opportunities for students to develop their musical potential and aesthetic understanding through learning to play a guitar. Emphasis will be placed on: playing position, tone production, fundamental technique, simultaneous playing and singing, reading music, and composing songs/lyrics. Knowledge and skills will include experiences in singing, playing, listening, and connecting to cultures. An instrument is required for class time, as well as for practicing outside of class.

### **Guitar 2**

*Prerequisite: Guitar 1 or equivalent*

This is a course designed to provide students with more advanced strums, bar chords, and melodic picking. An instrument is required during class. Practice outside of class time with an instrument is also required.

## **Choir 2 Mixed**

This is a vocal music course that is open to all students. It covers three and four-part music and a review of singing fundamentals. Approval of the instructor may be required. Rehearsals and performances outside of class time are part of the course requirements and constitute a portion of the grade.

## **Beginning Theatre**

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.

## **Intermediate Theatre**

*Prerequisite: Beginning Theatre or Instructor approval*

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.

## **Dance 1**

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

## **Dance 2**

*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. \$

## **Social/Ballroom Dance 1**

This course offers instruction and practice in the basic social dance steps, rhythms, and techniques. The following dances may be included; foxtrot, cha-cha, waltz, swing, mambo, western swing, and western line dance. \$

## **Exploring Computer Science**

This course is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of the course is to develop in students the computational thinking practices of algorithm development, problem solving, and programming with the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers as well as societal and ethical issues. *This course may be used as CTE or Digital Studies credit.*

## **Business Office Specialist**

This course applies advanced concepts and principles using word-processing, spreadsheets, databases and electronic presentation software. Students will integrate applications learned. *This course may be used as CTE or Digital Studies credit.*

## **Journalism**

This course, based on Utah English Language Arts (ELA) Core Standards, is designed to introduce students to newspaper writing and reading, with interviewing, writing, and editing emphasized. Students will produce a class newspaper.

## **Creative Writing 1**

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.

## **Team Sports**

This course is designed to teach sports which require group participation and cooperation. (This class cannot be substituted for Participation Skills and Techniques).

## **Weight Training 1**

This course is designed as an introduction to proper weight lifting techniques and includes the development of individual programs that develop body tone, muscle strength, and physical conditioning. (This class cannot be substituted for Participation Skills and Techniques).

## **Engineering Technology**

This course shows students how technology is used in engineering to solve everyday problems. The units excite and motivate students to use their imaginations and teach them to be creative and innovative, while gaining the skills they need to develop, produce and use products and services. Gateway to Technology-PLTW is an approved curriculum for this course. Units may include: Design and Modeling, The Magic of Electrons, The Science of Technology, Automation and Robotics, as well as Flight and Space. \$

## **Manufacturing Technology**

This is a hands-on course that introduces students to changing raw materials into a finished product. Examples of these materials are, but are not limited to, woods, metals, and plastics. This course will also explore the many careers associated with the manufacturing process. \$

## **Child Development**

This course covers the development of a child from conception through adolescence. The course includes the following topics: reproductive tracts, prenatal development and care, healthy lifestyles conducive to healthy pregnancies, birth defects, and the development and care of children throughout childhood. Guidance and discipline techniques and the physical, social, and emotional development of children will also be examined. The student learns both how and why a child grows and develops. This class is a prerequisite for any of the higher-level child development courses. \$

## **9<sup>th</sup> Grade Sewing (Sports and Outdoor Product Design 1)**

This course covers basic sewing skills while completing a variety of projects. This course emphasizes the construction of sports and outdoor clothing. Students start with easy projects like sewing boxer shorts and progress to ski wear, sweats, zippered bags, camo shirts, pants, and polar fleece jackets. Subjects such as: clothing care, maintenance and textile information is covered. Projects are individually selected. \$

## **Foods and Nutrition 1**

This introductory course is designed for students who are interested in understanding the principles of nutrition and in maintaining a healthy lifestyle. Attention will be given to selection and preparation of food and personal health and well-being. \$

## **Study Skills**

This course is a course in which students learn and apply social and academic skills and strategies. This class may cover the following areas: Organization, time management, stress management, reading strategies, test taking strategies, study strategies, note taking, academic tracking, team work, communication and goal setting, learning and interest assessments.

## **Aide Teacher**

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.

- Student must have at least a 2.5 GPA with no Ns or Us in their citizenship