

Sunset Ridge Middle School

Ninth Grade Course Descriptions

2012-13

Credit Legend

A	=	Art
CTE	=	Career and Technical Education
E	=	Elective
HL	=	Healthy Lifestyles
CT	=	Computer Technology
LA	=	Language Arts
M	=	Math
BA	=	Biological Science
ES	=	Earth Science
SS	=	Social Science
NC	=	No Credit

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

Required Classes

9th Grade Core

	Course #	Credit type	Grade	Credit
Language Arts 9	4542	(LA)	9	1.0
This course is designed to emphasize reading comprehension, writing, and methods of inquiry as found in the core. The course will focus on the processes, skills, and strategies for effective communication in all its forms.				
Geography for Life	6021	(SS)	9	1.0
This course introduces students to cultural and physical geography. The framework of this course is the five themes of geography – location; place; human interaction with the physical environment; the impact of movements of people, ideas, and things; and similarities and differences within and between regions. In addition, the course emphasizes critical, causal, interpretive and reflective thinking skills through observing, reading, writing, listening, speaking, and problem solving.				

Honors/Advanced Placement

Language Arts 9 H	4543	(LA)	9	1.0
<i>Prerequisite: Instructor approval</i>				
This course is designed for students who have been identified as requiring more advanced instruction in reading comprehension, writing, and methods of inquiry as found in the core. This course will focus on the processes, skills, and strategies for effective communication in all its forms.				

Geography for Life H 6022 (SS) 9 1.0

Prerequisite: Instructor approval

This course introduces students to cultural and physical geography. The framework of this course is the five themes of geography - location, place, human interaction with the physical environment, the impact of movements of people, ideas and things, and similarities and differences within and between regions. In addition, the course emphasizes critical, casual, interpretive and reflective thinking skills through observing, reading, writing, listening, speaking, and problem solving. This course emphasizes in-depth reading, writing and independent study.

Human Geography AP 6126 (SS) 9 1.0

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.

Science

Earth Systems (Foundation/Core) 3101 (ES) 9 1.0

Earth Systems integrated science core focuses on earth, physical, space, and life science contents. Using observable evidence, students will study interactions among earth systems.

Science - Honors

Biology H (Foundation/Core) 3004 (BS) 9 1.0

Prerequisite: Instructor approval

This is a high school core science course stressing the scientific processes of living things. The biology core curriculum is based on a set of life science learning standards that all students are expected to know and be able to demonstrate upon completion of this course. The course is designed to emphasize problem solving and scientific reasoning. Students will learn the scientific processes related to life science. Learning activities are varied with an emphasis on student investigations in the field, laboratory, and in technical research.

Physical Education

Participation Skills and Techniques 7030 (PST) 9 .5

This course is designed to develop skills and techniques in a variety of team and individual sports as well as improvement in personal fitness. This class is required for graduation.

Math – Placement is determined by current Math teacher recommendation

Secondary Mathematics 1 5300 (M) 8, 9 1.0

Students in Secondary Mathematics 1 will deepen and extend 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 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 5301 (M) 8, 9 1.0

Students in Secondary Mathematics 1 Honors will deepen and extend 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 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 5311 (M) 9, 10 1.0

Students in Secondary Mathematics 2 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

1.0 Credit

Music

Orchestra 1 1302 (A) 7-9 1.0

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 instrument required. If available, violas, cellos, and basses may be rented from the school at a nominal fee. \$

Orchestra 2 1303 (A) 7-9 1.0

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 requirement and will constitute a portion of the grade. Practice outside of class time with instrument is required. \$

Falcon Symphony/Orchestra 3 1304 (A) 7-9 1.0

Prerequisite: Instructor approval (Audition and/or interview possible)

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. \$

Band 1 Woodwinds 1306 (A) 7-9 1.0

This is a beginning band class offered for students who wish to learn the saxophone, flute, or clarinet. Practice outside of class time with instrument is required. \$

Band 1 Brass 1307 (A) 7-9 1.0

This is a beginning band class offered for students who wish to learn the cornet, trumpet, euphonium, horn, trombone, or tuba. Practice outside of class time with instrument is required. \$

Band 1 Percussion 1308 (A) 7-9 1.0

This is a beginning band class offered for students who wish to learn the drums, mallet keyboard instruments, and other percussion-related instruments. Practice outside of class time is required. \$

Concert Band 1346 (A) 7-9 1.0

Prerequisite: Audition/Interview

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 instrument is required. \$

Choir 1 Soprano/Alto 1333 (A) 7-9 1.0

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 requirement and constitute a portion of the grade.

Concert Choir **1335** **(A)** **8, 9** **1.0**

Prerequisite: Audition/Instructor approval

An advanced vocal music group designed for advanced choral literature and techniques of singing. Rehearsals and performances outside of class time are part of the course requirement and constitute a portion of the grade. \$

World Languages

French 1 **4100** **(E)** **8, 9** **1.0**

This course is designed to teach elementary skills in listening, speaking, reading, and spelling. The course content includes vocabulary for classroom and school subjects, foods, clothing, telling time, reading the calendar, weather, seasons, modes of transportation, and common locations. Students will develop an appreciation for the culture of the countries where the language is spoken.

French 2 **4101** **(E)** **9** **1.0**

Prerequisite: French 1

This course is designed to teach intermediate skills in listening, speaking, reading, and writing. The course content includes further development of vocabulary of dining, traveling, shopping, and personal feelings. Students will develop an appreciation for the culture of the countries where the language is spoken.

Spanish 1 **4180** **(E)** **8, 9** **1.0**

This course is designed to teach elementary skills in listening, speaking, reading, and spelling. The course content includes vocabulary for classroom and school subjects, foods, clothing, telling time, reading the calendar, weather, seasons, modes of transportation, and common locations. Students will develop an appreciation for the culture of the countries where the language is spoken.

Spanish 2 **4181** **(E)** **9** **1.0**

Prerequisite: Spanish 1

This course is designed to teach intermediate skills in listening, speaking, reading, and writing. The course content includes further development of vocabulary of dining, traveling, shopping, and personal feelings. Students will develop an appreciation for the culture of the countries where the language is spoken.

Elective Classes – Semester

.5 Credit

Visual Arts

Ceramics 1 **1029** **(A)** **8, 9** **.5**

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 **1030** **(A)** **9** **.5**

Prerequisite: Ceramics 1

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

3-D Design 1 **1042** **(A)** **8, 9** **.5**

Prerequisite: Art Foundations 1, or Instructor approval

3-D Design provides an overview and introduction to fine crafts, their media, and the cultures they represent. Students will work with mixed media (macramé, batik, hooking, soft sculpture, wood carving, stained-glass, etc.) to create art objects that have a utilitarian purpose. This course is designed to develop higher-level thinking skills and art-related technology skills with an emphasis on studio production. Some art criticism, art history, and aesthetics may be included. \$

Drawing 1 **1044** **(A)** **8, 9** **.5**

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 **1045** **(A)** **9** **.5**

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 **1046** **(A)** **8, 9** **.5**

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. \$

Music

Guitar 1 **1330** **(A)** **8, 9** **.5**

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. Practice outside of class time with instrument is required. \$

Guitar 2 **1331** **(A)** **9** **.5**

Prerequisite: Guitar 1 or equivalent

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

Concert Choir **1335** **(A)** **8, 9** **.5**

Prerequisite: Audition/Instructor approval

An advanced vocal music group designed for advanced choral literature and techniques of singing. Rehearsals and performances outside of class time are part of the course requirement and constitute a portion of the grade. \$

Choir 1 Soprano/Alto **1330** **(A)** **8,9** **.5**

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 requirement and constitute a portion of the grade.

Theatre

Beginning Theatre **1600** **(A)** **7-9** **.5**

This is an introductory course in theatre with an emphasis on performance. No previous experience is necessary. The course will include pantomime, improvisation, mono acts, characterization, and scenes from plays, play reading, and work with voice projection and diction.

Intermediate Theatre **1601** **(A)** **8, 9** **.5**

Prerequisite: Beginning Theatre or Instructor approval

This is an intermediate course in theatre with an emphasis on performance. The course will include dramatic and humorous readings, mono acts, and scenes from plays, pantomime, and an overview of the history of theatre, puppetry, radio, T.V., and film.

Dance

Dance 1 **7146** **(A)** **8, 9** **.5**
 This course offers basic dance techniques, fitness fundamentals, movement qualities, and rhythm with an emphasis on creativity, sequencing, and problem solving. \$

Dance 2 **7147** **(A)** **8, 9** **.5**
Prerequisite: Dance 1 or Instructor approval
 A course designed to develop dance techniques, flexibility, and coordination, with an emphasis on creativity and artistic composition. \$

Advanced Dance **7148** **(A)** **9** **.5**
Prerequisite: Instructor approval
 A course designed to enhance and develop all aspects of dance technique and composition, emphasizing creativity and artistic choreographic skills. \$

Social/Ballroom Dance 1 **7144** **(A)** **9** **.5**
 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. \$

Career and Technical Education

Foundations of Technology 8104 **(CTE)** **9** **.5**
 This is a comprehensive action-based educational course concerned with technical means, their evolution, utilization, and significance with industry, its organization, personnel, systems, techniques, resources, and products, and their social/cultural impact. It is a secondary school introduction to hands-on technology activities with emphasis placed on planning, design and problem solving. It is designed to nurture students to become technologically literate productive citizens who exhibit appropriate critical thinking and problem solving skills as they assess the technology that influences their daily lives and their future careers.

Introduction to Marketing 8348 **(CTE)** **9** **.5**
 This is a basic introductory course which will teach concepts of entry-level marketing. The student in Marketing will learn about marketing education, discovering marketing, assessing his/her role as an employee, examining career opportunities in marketing, obtaining interpersonal skills needed in marketing, determining communication fundamentals, and matching himself/herself with career opportunities.

Clothing 1 **8725** **(CTE)** **9** **.5**
 This course teaches basic construction and consumer skills. Choosing and using patterns, fabrics, and notions; using and caring for today's sewing machines and sergers; and basic clothing construction methods are included. Students may choose from a variety of projects based on individual skill level and preference. \$

Clothing 2 **8726** **(CTE)** **9** **.5**
Prerequisite: Clothing 1
 This course expands and builds upon skills learned in Clothing I or Sports Sewing. Units of study may include: walking shorts, skirts, shirts, construction serging, and quick and easy techniques using the sewing machines. Projects are chosen based on individual skill level and preferences. \$

Foods and Nutrition 1 **8750** **(CTE)** **9** **.5**
 This introductory course is designed for students who are interested in understanding the principles of nutrition and in maintaining a healthy life-style. Attention will be given to selection and preparation of food and personal health and well-being. \$

Foods and Nutrition 2 8751 (CTE) 9 .5

Prerequisite: Foods and Nutrition 1

This course is designed for students who are interested in understanding the principles of nutrition and food preparation. Attention will be given to the selection and preparation of food and personal health. Food preparation techniques will be integrated throughout the course and related to all sections of study. Emphasis will be placed on preparing foods to create meals for families. Use of regional, ethnic, and foreign foods is strongly encouraged to increase cultural awareness and appreciation of diversity. \$

Computer Technology

Computer Technology 1 8311 (CT) 9 .5

This is an introduction to computer application software that encompasses document processing, spreadsheets, and presentations. An understanding of ethics and use of operating systems, information resources, and electronic mail is included. 18

Skills gained will be demonstrated by creating a project for a different content area. This course is required to fill the Computer Technology credit.

Misc. Electives

Aide Teacher 0001-0150 (E) 8, 9 .5

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.

Study Skills 0206 (E) 8, 9 .5

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.

Math Essentials 1 5330 (E) 9 .5

This course is designed for students who earned a D or below in 8th Grade Math. This course will review skills from 8th Grade Math, along with skills necessary for success in Secondary 1. Students will be enrolled in Secondary 1 concurrently with Math Essentials 1.

Students will be taking this course based on their previous quarter grade and teacher recommendation.

Release Time 0600 (NC) 9

2/9/2012