

CENTENNIAL

MIDDLE SCHOOL

2017—2018



TIMBERWOLVES

COURSE

DESCRIPTIONS

COURSE DESCRIPTION GUIDE

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2017-2018

Middle School Requirements:

7th Grade		8th Grade	
English	Full Year	English	Full Year
Math	Full Year	Math	Full Year
Science	Full Year	Science	Full Year
History (Utah)	Semester	History (U.S.)	Full Year
CCA FACS & TECH	Semester	Health	Semester
CCA BUS	Semester	PE	Semester
Keyboarding	Semester	Electives are subject to change depending on core class placement	
PE	Semester	Elective	Semester
Art 7	Semester	Elective	Semester
Music Elective	Semester	Elective	Semester
Electives are subject to change depending on core class placement		Elective	Semester
Elective	Semester	Elective	Semester
Elective	Semester	Elective	Semester
Elective	Semester	Elective	Semester
Elective	Semester	Elective	Semester
Elective	Semester	Elective	Semester
Elective	Semester	Elective	Semester
Elective	Semester		

Course Level Descriptions

Centennial Middle School offers a quality education designed to meet the needs of all students. Our standard curriculum meets all elements of the Utah State Core with grade-level instruction. For students who desire more rigorous coursework, we offer both gifted and honors classes.

Parents and students should thoughtfully consider the options and courses that will provide the most appropriate learning environment. Course changes cannot be made mid-year. Students who enroll in an honors or gifted course should be self-motivated, enjoy challenges, and exhibit interest in the subject matter that goes beyond that of a typical student.

College Prep courses cover the Utah State Core with grade-level instruction. These courses provide a rich, challenging curriculum that meets the learning needs of a majority of our students. Students will be asked to think and work at many levels and will have occasional homework assignments.

Honors courses also address the Utah State Core. Honors classes will provide increased focus on depth and complexity in the subject areas. The course work will help students develop academic independence. Additional focus will be placed on problem-based learning and concept-based instruction. The homework expectation in this course is more demanding than in standard courses. Students will self-select placement in honors courses based upon their interest, strengths and potential. Students should have demonstrated mastery of pre-requisite courses and be working on grade level in the course they select.

Gifted courses are designed to be accelerated and provide a rigorous, enriched curriculum with the Utah State Core Curriculum as the foundation for course work. Students are expected to take an active role in their education and demonstrate individual autonomy and initiative. Gifted courses place a high priority on developing critical and creative thinking skills, with an added emphasis on depth and complexity. The homework expectation in gifted courses is more demanding than that of the honors courses. Placement will be made based upon state end of level testing, school-administered tests, and district-administered testing: above-level Iowa, SAGES, and CoGAT Full Battery. Information about scheduling this testing is available on the Provo District web site. Grades and teacher recommendation from the prior year will also be used in placement decisions.

ART

7th Grade Requirement—Art 7

ART 7

Duration: Semester (0.5)

Grade(s): 7

Homework: up to 30 min/week

Course Fee: \$6

Prerequisite: none

This class is an art foundations class required for all 7th graders. Students will learn basic art-making skills, art appreciation, art history, and art criticism. Students will learn drawing skills, how to visually design a picture using the elements and principles of art, how to use color, and how to express themselves through art-making. Most art supplies will be purchased with art fees collected at the time of registration.

DRAWING II

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$12

Prerequisite: Art 7

This class is for the student who wishes to learn how to draw realistically or life-like. Students will learn how to take flat drawings and transform them into life-like 3-D drawings through the use of proportion, shading, and perspective. Most drawings will be done in graphite (pencil) but a few will explore ink and other drawing media. Most drawing supplies will be purchased with art fees collected at the time of registration.

FIGURE DRAWING

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$12

Prerequisite: Art 7

This class is for the student who wishes to learn how to draw people. Students will learn proportions, gesture drawing, simple anatomy, portraiture, body and facial expression, and character design. Students will explore life-like as well as illustrative approaches to figure drawing. This class is sensitive to the age and maturity of middle school students and will not present any inappropriate subjects. Most drawing supplies will be purchased with art fees collected at the time of registration.

ILLUSTRATION II

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$12

Prerequisite: Art 7

This class is for the student who wishes to learn how to tell stories with their art. Students will learn techniques used in the illustration, video game, animation, and cartoon industries. Projects will introduce students to character design, cartooning, and different styles used in illustration. Most art supplies will be purchased with art fees collected at the time of registration.

PAINTING II

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 1 hr/week

Course Fee: \$12

Prerequisite: Art 7

This class is for the student who wishes to learn the basics of painting. Students will learn basic color theory, paint mixing, brush technique, and several approaches to painting. Students will work in opaque tempera paint and will complete 5 paintings, of various subjects, during the course of the semester. Most painting supplies will be purchased with art fees collected at the time of registration.

YEARBOOK

Duration: Yearlong (1.0)

Grade(s): 8

Homework: up to 1 hr/week

Course Fee: \$0

Prerequisite: Application

This is a year-long course for 8th graders only. Students will be producing the annual Centennial yearbook. The work in class will consist of both theory and practice of journalistic skills, photography and layout design. As well as the paperwork and logistics of working with a publishing company. They will be given specific assignments and be required to meet realistic deadlines.

Have courage and be kind.

- Cinderella

COLLEGE AND CAREER AWARENESS

7th Grade Requirement—CCA FACS, CCA TECH, CCA BUSINESS, & KEYBOARDING

8th Grade Requirement—none

-----REQUIRED CCA COURSES-----

CCA—BUS

Duration: Semester (0.5)

Grade(s): 7

Homework: 1 hr/week

Course Fee: \$5

College and Career Awareness Business Class offers exploration and preparation in college and career pathways focusing on jobs that are high skill and high demand, as well as satisfying and financially rewarding. The College and Career Awareness course is designed to help students identify their interests, abilities, and skills. With appropriate developmental information related to careers, educational pathways, and self-knowledge, students are able to begin to make college and career goals for the future. College and Career Awareness is designed to acquaint students with the Utah labor market and the employment opportunities for which they can prepare by defining a College and Career Ready Plan.

CCA—FACS

Duration: Quarter (0.25)

Grade(s): 7

Homework: none

Course Fee: \$5

This course is designed to help students identify their interests, abilities, and skills and begin to make college and career goals for the future. Students will be introduced to the areas of Food Science, Clothing and Textiles, Child Development, Agriculture and Health Sciences with emphasis on careers.

CCA—TECH

Duration: Quarter (0.25)

Grade(s): 7

Homework: up to 1 hr/week

Course Fee: \$5

This course offers exploration in the many different career pathways related to technology and engineering. It is designed to help students explore the many aspects relating to manufacturing and production technologies, communication technologies, transportation technologies, and much more, with an ongoing focus on the engineering design process and problem-solving.

KEYBOARDING

Duration: Semester (0.5)

Grade(s): 7

Homework: 1 hr/week

Course Fee: \$5

Students will focus on learning the correct fingerings by touch and good techniques for mastering a computer keyboard. In addition, students will demonstrate speed and accuracy through word processing functions on a variety of document types, proofreading, and composing at the keyboard. This course is based upon the Utah Core Curriculum for Seventh-Ninth Grade Keyboarding.

-----ELECTIVE CCA COURSES-----

BEGINNING QUILTING AND NEEDLEWORK

Duration: Semester (0.5)

Grade(s): 8

Homework: up to 1 hr/week

Course Fee: \$15

This Family and Consumer Science elective class is open to students who would like to explore and develop skills in various needlework techniques. These will include cross-stitch and other types of embroidery, crocheting, and basic quilting. Previous sewing experience is preferred.

CODING I

Duration: Quarter (0.25)

Grade(s): 7 & 8

Homework: up to 1 hr/week

Course Fee: \$5

This is an introductory course in coding and programming that is intended for students who are interested in programming and have no previous experience. The course is designed to attract and reach a broad and diverse range of students, including those who may have never before considered programming. Students learn how to code by

working in a real software development environment to design, program and publish mobile apps and games. Learning to code by creating real products, students discover how to make amazing things and have an impact on their world.

CODING II

Duration: Quarter (0.25)

Grade(s): 7 & 8

Homework: up to 1 hr/week

Course Fee: \$5

This is the advanced course in coding and programming. Students will continue to use previous programming methods from Coding 1 and will be introduced to two new applications that will assist their programming skills. Students will be using an Apple programming language called Swift. Swift code is interactive and fun and Swift includes modern features developers love. Swift code is safe by design, yet also produces software that runs lightning-fast. We will also use various sites to advance in Javascript, HTML and other programming languages.

COLLEGE AND CAREER AWARENESS

7th Grade Requirement—CCA FACS, CCA TECH, CCA BUSINESS, & KEYBOARDING

8th Grade Requirement—none

DIGITAL TECHNOLOGY

Duration: Semester (0.5)

Grade(s): 8

Homework: up to 1 hr/week

Course Fee: \$5

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.

EXPLORING TECH—ROBOTICS I

Duration: Quarter (0.25)

Grade(s): 7 & 8

Homework: up to 1 hr/week

Course Fee: \$15

Prerequisite: none

Using VEX IQ Robotics, this class serves as an introduction to the basics of robotic technologies. Students will learn to design, build, program, and control robotic devices. Students will create fundamental programming of robots and automated systems. Students will experience hands-on curriculum combining electrical, mechanical and programming.

EXPLORING TECH—ROBOTICS II

Duration: Quarter (0.25)

Grade(s): 7 & 8

Homework: up to 1 hr/week

Course Fee: \$15

Prerequisite: Exploring Tech—Robotics I

This is an advanced course using VEX IQ Robotics. This class goes beyond the basics of robotic technologies. This class is a rigorous study and application of engineering principles related to robotics and automated systems. Students will design, build and control complex robotic devices. Students will program code for robots and automated systems.

FACS EXPLORATION-FOODS

Duration: Semester (0.5)

Grade(s): 8

Homework: up to 1 hr/week

Course Fee: \$15

This Family and Consumer Science elective class is open to students who would like to learn about nutrition and basic cooking skills. In this class students will learn about kitchen safety and sanitation, kitchen equipment, cooking terms, proper measuring, microwave cooking, etiquette and manners, child nutrition, free enterprise, and career exploration.

FACS EXPLORATION-FOODS 2

Duration: Semester (0.5) (only available 2nd Semester)

Grade(s): 8

Homework: up to 1 hr/week

Course Fee: \$15

Prerequisite: completed FACS-Exploration- Foods

This course is designed to build upon the principles learned in FACS Exploration- Foods. Students will learn more advanced cooking techniques, along with meal planning, budgeting, garnishing, food blogging and explore foods from around the world. There will be a focus on careers in the Food Industry.

FACS EXPLORATION-SEWING

Duration: Semester (0.5)

Grade(s): 8

Homework: none

Course Fee: \$15

This course provides students the opportunity to explore and develop skills in clothing and textile construction (Sewing), interior design, fashion design and merchandising, and entrepreneurship. This course will strengthen comprehension of concepts and standards outlined in Sciences, Technology, Engineering and Math (STEM) education.

MULTI-MEDIA

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: none

Course Fee: \$5

Prerequisite: none

Are you looking for an outlet for all of that creativity? Do you enjoy working with computers and cameras? If so then this class may be for you. Multimedia production is a semester exploratory class for students interested in computers and film. Students will design, plan, and collaborate on several different types of multimedia projects. We will be using iPhoto, iMovie, and Keynote software as well as digital video and audio media. This class is designed for those students that can work well in a small group setting. Collaboration with other students will be required on all of the projects. Students should also know that they will need to be an actor in many of their projects.

ENGLISH LANGUAGE ARTS

7th Grade Requirement—Full Year

8th Grade Requirement—Full Year

----- 7th GRADE ENGLISH CORE COURSES -----

COLLEGE PREP ENGLISH 7

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 2.5-3.5 hrs/week

Course Fee: \$0

This course is designed to help students of all ability levels improve their language and communication skills. Since reading, writing, speaking and listening are interrelated processes, they are taught in connection with each other rather than in isolation. Students will read about, write about, and discuss a range of real life topics as they explore multiple genres, including drama, poetry, short stories, novels, film, creative nonfiction, and informational texts. Students will be expected to improve their writing skills in spelling, vocabulary, grammar and usage, mechanics, structure, and style. Appropriate instruction and assignments will be offered for all ability levels.

ENGLISH 7—HONORS

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 3-4 hrs/week

Course Fee: \$0

This course is for students who are advanced in English and have a desire to be challenged. The pace is fast and the depth is extensive. Reading, both in class and outside of class, is required at a higher level than College Prep English 7. Additional homework is part of the curriculum. Students will be expected to be self motivated learners and willing to explore Language Arts topics in greater depth. Students will read about, write about, and discuss a range of real life topics as they explore multiple genres, including drama, poetry, short stories, novels, film, creative nonfiction, and informational texts. Students will be expected to read from a suggested reading list to augment topics being covered.

AMERICAN STUDIES 7—GIFTED

ENGLISH 7 GIFTED COMBINED WITH UTAH STUDIES 7 GIFTED

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 4-6 hrs/week

Course Fee: \$0

Prerequisite: test placement

This course is designed for students who are highly gifted in reading and writing as evidenced by test scores, prior academic performance and grades, teacher recommendations, and the desire to be extremely challenged. Students need to be self-motivated, organized, strong readers, and exceptional writers in order to handle the rigor and increased homework demands of this class. Students will be expected to read and write inside class as well as at home in a variety of genres, with an emphasis on writing analytically and for argument. Students will dig deeply into themes and topics. Designed to meet the unique needs of gifted students, this class combines the study of English with Utah History in an interdisciplinary double class block, fulfilling the state requirements for both subjects. This combination will help students understand both subjects better and prepare them to become citizens who understand their heritage and the importance of the future. Students will learn the language skills necessary for them to appropriately impact their own future and that of their communities. This class will cover themes and topics found in all genres of literature, especially writings that pertain to the historical periods being studied. Students will also develop language skills for oral presentation.

----- 8th GRADE ENGLISH CORE COURSES -----

COLLEGE PREP ENGLISH 8

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 2.5-3.5 hrs/week

Course Fee: \$0

This course is designed to help students of all ability levels improve their language and communication skills. Since reading, writing, speaking and listening are interrelated processes, they are taught in connection with each other rather than in isolation. Students will read about, write about, and discuss a range of real life topics as they explore multiple genres, including drama, poetry, short stories, novels, film, creative nonfiction, and informational texts. Students will be expected to improve their writing skills in spelling, vocabulary, grammar and usage, mechanics, structure, and style. Appropriate instruction and assignments will be offered for all ability levels.

ENGLISH 8—HONORS

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 3-4 hrs/week

Course Fee: \$0

This course is for students who are advanced in English and have a desire to be challenged. The pace is fast and the depth is extensive. Reading, both in class and outside of class, is required at a higher level than College Prep English 8. Additional homework is part of the curriculum. Students will be expected to be self motivated learners and willing to explore Language Arts topics in greater depth. Students will read about, write about, and discuss a range of real life topics as they explore multiple genres, including drama, poetry, short stories, novels, film, creative nonfiction, and informational texts. Students will be expected to read from a suggested reading list to augment topics being covered.

ENGLISH LANGUAGE ARTS

7th Grade Requirement—Full Year

8th Grade Requirement—Full Year

AMERICAN STUDIES 8—GIFTED

ENGLISH 8 GIFTED COMBINED WITH U.S. HISTORY 8 GIFTED

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 4-6 hrs/week

Course Fee: \$0

Prerequisite: test placement

This course is designed for students who are highly gifted in reading and writing as evidenced by test scores, 7th grade English performance and grades, teacher recommendations, and the desire to be extremely challenged. Students need to be self-motivated, organized, strong readers, and exceptional writers in order to handle the rigor and increased homework demands of this class. Students will be expected

to read and write inside class as well as at home in a variety of genres, with an emphasis on writing analytically and for argument. Students will dig deeply into themes and topics. Designed to meet the unique needs of gifted students, the class combines the study of English with United States History in a two-hour interdisciplinary block, fulfilling the state requirements for both subjects. This combination will help students understand both subjects better and prepare to become citizens who understand their heritage and the importance of the future. Students will learn the language skills necessary for them to appropriately impact their own future and that of the United States. This class will cover themes and topics found in all genres of literature, especially writings that pertain to the historical periods being studied. Students will develop language skills for oral presentation.

----- ENGLISH FOR STUDENTS OF OTHER LANGUAGES -----

ESOL 1

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: none

Course Fee: \$0

This course is for students who are new to the United States and have very limited to no English skills. Emphasis will be placed on basic interpersonal communication skills. We will build vocabulary by speaking, listening, reading, and writing in English.

ESOL 2

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 100 mins/week

Course Fee: \$0

This course is for students who are comfortable in BICS (basic interpersonal communication skills) but need help building CALPS (Cognitive Academic Language Proficiency). We will be reading and writing at a higher level using academic language necessary for other core classes. Students will be expected to read and write in English at or near grade level as they develop English language skills. Homework: Students are expected to read 100 minutes per week outside of class.

----- ENGLISH SUPPORT COURSES -----

COLLEGE PREP ENGLISH 7—SUPPORT

Duration: Yearlong (1.0)

Grade(s): 7

Homework: coordinated with CP English 7

Course Fee: \$0

This course is to provide additional support for 7th grade English students. Students will receive additional instruction, review, and support in reading and writing.

COLLEGE PREP ENGLISH 8—SUPPORT

Duration: Yearlong (1.0)

Grade(s): 8

Homework: coordinated with CP English 8

Course Fee: \$0

This course is to provide additional support for 8th grade English students. Students will receive additional instruction, review, and support in reading and writing.

ENGLISH LANGUAGE ARTS

7th Grade Requirement—Full Year

8th Grade Requirement—Full Year

----- ENGLISH ELECTIVE COURSES -----

CREATIVE WRITING

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 1 hr/week

Course Fee: \$0

This course is designed for students who enjoy writing fiction and want to foster creativity in their writing. Students will need a good understanding of grammar and be prepared to write in class daily. Students will learn where to go for inspiration in their writing, plot development, and building well-rounded characters for their stories. Students will be taught how to develop their own style and revise their work. Students will share their work with the class and submit works to various contests and publishing venues.

MOCK TRIAL

Duration: Yearlong (1.0)

Grade(s): 8

Homework: up to 1 hr/week

Course Fee: \$0

Mock Trial is an association that looks at debatable cases of law. Both sides of a case are presented through evidence, witness affidavits, evidence and case law. The students who participate break down the case and act as lawyers and witnesses representing the two sides of the case. Here, students learn how to debate and how to put forward a case for their particular side: prosecution or defense. The team participates in competitions during the year. Here, members of the club are selected to put on the case at a real courthouse in front of a real judge in a real courtroom. If you are interested in learning more about the law and want to participate in lively debate, mock trial is certainly the class for you. Application necessary. Pick one up from Mrs. Hanni in room 52.

MYTHS & LEGENDS

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 1 hr/week

Course Fee: \$0

This course focuses on the many myths and legends woven into cultures around the world. Starting with an overview of mythology and the many kinds of folklore, the student will journey with ancient heroes as they slay dragons and outwit the gods, follow fearless warrior women into battle and watch as clever animals outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how they are still used to shape society today.

READING FOR ENRICHMENT

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 1 hr/week

Course Fee: \$0

Do you want to read lots of great books? This is the elective for you! This course is designed to allow students to study both genre and theme as students read in book clubs. Students will be taught reading strategies, broadly applicable to their lives now and as they pursue further educational opportunities. Students will play an active role in choosing the books that will be used as course materials. We will read a variety of genres and comparisons will be made with film and theater. Homework time will vary depending on the books that we choose for the semester. Some outside reading and/or writing will be required.

“Learning is not a spectator sport.”

—D. Blocher

MATHEMATICS

7th Grade Requirement—Full Year

8th Grade Requirement—Full Year

7th GRADE MATH CORE COURSES

COLLEGE PREP MATH 7

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 1-1.5 hrs/week

Course Fee: \$0

Students will develop a unified understanding of numbers, recognizing fractions, decimals (repeating or terminating), and percents as different representations of rational numbers. Students will extend their understanding of ratios and develop understanding of proportionality to solve multi-step problems. Students will extend their understanding of variables to working with algebraic expressions including the distributive property and they will learn to solve one- and two-step equations. Students will extend their work with Geometric figures including area and circumference of circles. They will work with areas and volumes associated with some three-dimensional figures. Students will identify statistical samples and populations and use sample results to represent and make predictions concerning populations.

MATH 7—HONORS

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 2-3 hrs/week

Course Fee: \$0

Many of the topics covered in College Prep Math 7 will be addressed at an enhanced level with extended activities. In addition to the topics covered in College Prep Math 7, students in the honors class will learn additional topics. Students will work with more advanced methods for solving equations. Students will learn about a variety of angle relationships. They will analyze statistical information and draw conclusions about two different samples and populations.

MATH 7/8

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 2-4 hrs/week

Course Fee: \$0

Prerequisite: test placement

This is a rigorous, advanced math course that covers both 7th and 8th grade math standards, as listed in College Prep Math 7 and College Prep Math 8, in one year rather than two. This class is a prerequisite for Secondary Math 1 in 8th grade.

MATH 8/SM1

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 2-4 hrs/week

Course Fee: \$0

Prerequisite: completion of Math 7 & test placement

This is a rigorous, advanced math course that covers the standards from both the College Prep Math 8 and Secondary Math 1 classes, in one school year, rather than two.

SECONDARY MATH 1

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 2-4 hrs/week

Course Fee: \$0

Prerequisite: Completion of Math 7/8

This course covers traditional Algebra 1, Geometry and Algebra 2 topics. These topics include solving equations, inequalities, systems of equations and inequalities, functions, descriptive statistics in both one and two variables (categorical and numerical), transformations in the plane, congruence, constructions and coordinate geometry. Students are expected to have access to a graphing calculator for doing some homework.

8th GRADE MATH CORE COURSES

COLLEGE PREP MATH 8

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 1-2 hrs/week

Course Fee: \$0

Students will extend their knowledge of the real number system. They will use linear equations and systems of linear equations to represent, analyze, and solve a variety of problems. Students will strategically choose and efficiently implement procedures to solve linear equations

in one variable, understanding that when they use the properties of equality and the concept of logical equivalence, they maintain the solutions of the original equation. Students will grasp the concept of a function as a rule that assigns to each input exactly one output. Students will use ideas about distance and angles, how they behave under translations, rotations, reflections, and dilations, and ideas about congruence and similarity to describe and analyze two-dimensional figures and to solve problems. Students will also learn and apply the Pythagorean Theorem.

MATHEMATICS

7th Grade Requirement—Full Year

8th Grade Requirement—Full Year

MATH 8—HONORS

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 2-3 hrs/week

Course Fee: \$0

Many of the topics covered in College Prep Math 8 will be addressed at an enhanced level with extended activities. Students will extend their knowledge of the real number system. They will use linear equations and systems of linear equations to represent, analyze, and solve a variety of problems. Students will grasp the concept of a function as a rule that assigns to each input exactly one output. Students will use ideas about distance and angles, how they behave under translations, rotations, reflections, and dilations, and ideas about congruence and similarity to describe and analyze two-dimensional figures and to solve problems. Students will also learn and apply the Pythagorean Theorem.

MATH 8/SM1

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 2-4 hrs/week

Course Fee: \$0

Prerequisite: completion of Math 7 & test placement

This is a rigorous, advanced math course that covers the standards from both the College Prep Math 8 and Secondary Math 1 classes, in one school year, rather than two.

SECONDARY MATH 1

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 2-4 hrs/week

Course Fee: \$0

Prerequisite: Completion of College Prep Math 7/8

This course covers traditional Algebra 1, Geometry and Algebra 2 topics. These topics include solving equations, inequalities, systems of equations and inequalities, functions, descriptive statistics in both one and two variables (categorical and numerical), transformations in the plane, congruence, constructions and coordinate geometry. Students are expected to have access to a graphing calculator for doing some homework.

SECONDARY MATH 2

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 3-5 hrs/week

Course Fee: \$0

Prerequisite: Completion of SM1

Student in SM2 will focus on quadratic expressions, equations, and functions, extend the set of rational number 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. Students are expected to have access to a graphing calculator for doing some homework.

MATH SUPPORT COURSES

COLLEGE PREP MATH 7—SUPPORT

Duration: Yearlong (1.0)

Grade(s): 7

Homework: coordinated with CP Math 7

Course Fee: \$0

This course is to provide additional support for 7th grade Math students. Students will receive additional instruction, review, and support in math.

COLLEGE PREP MATH 8—SUPPORT

Duration: Yearlong (1.0)

Grade(s): 8

Homework: coordinated with CP Math 8

Course Fee: \$0

This course is to provide additional support for 8th grade Math students. Students will receive additional instruction, review, and support in math.

“Whatever you can do, or dream you can do, begin it.

Boldness has genius, power, and magic in it. Begin it now.”

— Goethe

MUSIC

7th Grade Requirement—Semester

BAND

BEGINNING BAND

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 100 mins/week

Course Fee: \$12 (+ rental if needed)

Prerequisite: none

This class is for students with no prior experience playing a band instrument. Students may choose from clarinet, trombone, tuba, flute, trumpet, euphonium, or saxophone. Students do not need any prior experience playing an instrument or reading music. Students are encouraged to rent or purchase an instrument from a local music store. A small number of school instruments are available for students on fee waivers or those interested in playing larger instruments. This class fulfills the state music requirement.

CONCERT BAND

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 100 mins/week

Course Fee: \$12 (+ rental if needed)

Prerequisite: Audition

This class is for flute, oboe, bassoon, clarinet, saxophone, trumpet, horn, trombone, euphonium, and tuba players with previous experience playing their instrument who have passed the placement audition. Audition materials can be obtained from Mr. or Mrs. Werner. Auditions will be held in April at the student's elementary schools. Students interested in switching to a new instrument—oboe or bassoon—can join this class. They should talk to Mr. Werner about switching and attend the Instrument Switching Camp held at the end of the previous school year. This class fulfills the state music requirement.

SYMPHONIC BAND

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 125 mins/week

Course Fee: \$12 (+ rental if needed)

Prerequisite: Audition

This is the second-highest band at Centennial. This class is for woodwind and brass players with previous experience playing their instrument who have passed the placement audition. Audition materials can be obtained from Mr. or Mrs. Werner. Auditions will be held in April at the student's elementary schools. Students interested in switching to a new instrument—like the tuba, euphonium, horn, oboe, or bassoon—can join this class. They should talk to Mr. Werner about switching and attend the Instrument Switching Camp held at the end of the previous school year. This class fulfills the state music requirement.

WIND SYMPHONY

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 150 mins/week

Course Fee: \$12 (+ rental if needed)

Prerequisite: Audition

This is the top band at Centennial. Students perform at festivals around the state and are expected to maintain high levels of dedication and achievement. This class is for woodwind and brass players with previous experience playing their instrument who have passed the placement audition. Audition materials can be obtained from Mr. or Mrs. Werner. Auditions will be held in April at the student's elementary schools. Students must have prior experience on their instrument. This class fulfills the state music requirement.

7th GRADE AUDITIONED PERCUSSION

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 125 mins/week

Course Fee: \$12 + \$75 rental fee

Prerequisite: Audition

This class is for students with no prior experience who have passed the audition requirements. Percussion students will learn mallet instruments, auxiliary percussion, snare drum, bass drum, and timpani. Students are required to rent a bell kit from a music store for home practice. Students interested in this class must have previous music experience—preferably two or more years of piano lessons—and understand how to read notes and rhythms well. Interested students must audition with Mr. Werner and receive permission to register for this class. Auditions will be held on Thursday March 24 from 4-6 PM in the Centennial Band Room. Auditions will consist of a music theory test (note reading and rhythm reading), short piano excerpt (if applicable), and an basic aptitude test. This class fulfills the state music requirement.

ADVANCED PERCUSSION

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 125 mins/week

Course Fee: \$12 + \$75 rental fee

Prerequisite: Beginning Percussion & Teacher Approval

This class is for percussion students who have played for one year and passed the placement audition. Percussion students will learn mallet instruments, auxiliary percussion, snare drum, bass drum, and timpani. Students are required to rent a bell kit from a music store for home practice. Students interested in this class must have previous music experience—preferably two or more years of piano lessons—and understand how to read notes and rhythms well. Interested students must have completed beginning percussion and receive permission from Mr. Werner to register for this class.

MUSIC

7th Grade Requirement—Semester

CHOIR

GIRLS ENSEMBLE

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$6

Prerequisite: none

Designed especially for girls who love to sing, this semester class will introduce you to a variety of music in a fun and welcoming environment. We will learn how to read notes and rhythms and perform in one or two evening concerts throughout the semester. This class fulfills the state music requirement.

MENS CHORUS

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$6

Prerequisite: none

Designed especially for middle school men, this semester class exposes young men to a variety of music while helping them navigate through the changing voice. We still learn notes, rhythms, and proper technique while singing and listening to both traditional and popular music. Men's Chorus will perform in two concerts throughout the semester.

CONCERT CHOIR

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$12

Prerequisite: Audition

This is an advanced mixed choir for boys and girls who have past choral experience. If you love to sing, this year-long class is for you. We will sing music encompassing a variety of styles, cultures, and languages, as well as continue to develop rhythm and note reading skills. An evening concert will be presented at the end of each term. This class fulfills the state music requirement. For audition information, please contact Sarah Howe: sarahm@provo.edu

ARIA

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$12

Prerequisite: Audition

This is an advanced girls ensemble full of fun; class for those who have past choral experience. If you love to sing, this year-long class is for you. We will sing music encompassing a variety of styles, cultures, and languages, as well as continue to develop rhythm and note reading skills. An evening concert will be presented at the end of each term. This class fulfills the state music requirement. For audition information, please contact Sarah Howe: sarahm@provo.edu

CHAMBER SINGERS

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: up to 1 hr/week

Course Fee: \$12

Prerequisite: Audition

This is the top mixed choir for boys and girls who have past choral experience. If you love to sing, this year-long class is for you. We will sing music encompassing a variety of styles, cultures, and languages, as well as continue to develop rhythm and note reading skills. An evening concert will be presented at the end of each term. This class fulfills the state music requirement. For audition information, please contact Sarah Howe: sarahm@provo.edu or look on her website howeschoir.weebly.com for audition information.

A CAPPELLA

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 1.5 hrs/week

Course Fee: \$12

Prerequisite: Audition

Love Pentatonix? Love BYU Vocal Point and Noteworthy? This is an elite mixed group: comprising 10-12 individuals. If you love to sing and perform this year-long class is for you. We are in need of vocal percussion, all voice parts, and a huge enthusiasm for a cappella music. An evening concert will be presented at the end of each term. This class fulfills the state music requirement. For audition information, please contact Sarah Howe: sarahm@provo.edu

“Education is what survives when what has been learned has been forgotten.”

— B. F. Skinner

MUSIC

7th Grade Requirement—Semester

-----ORCHESTRA-----

BEGINNING ORCHESTRA

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 100 min/week

Course Fee: \$12 (+ rental if needed)

Prerequisite: none

In this year-long class, you will be able to learn the basics of playing the violin, viola, cello, or bass. All students will need their own playable instrument or an instrument provided from the school for a small fee. Students who successfully complete this course will be prepared to join the advanced classes the following year.

CONCERT ORCHESTRA

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 30 min/day

Course Fee: \$12 (+ rental if needed)

Prerequisite: one year of experience

This class is open to those who have completed a beginning level of orchestra in the elementary school or at the middle school. After a solid review of the basics of playing an instrument, this class focuses more on playing songs than working out of a book.

SYMPHONIC ORCHESTRA

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 30 min/day

Course Fee: \$12 (+ rental if needed)

Prerequisite: two or more years of experience

This class is for orchestra students who have played for two or more years. This class will be focused on learning concert repertoire and more advance technique.

CHAMBER ORCHESTRA

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 40 min/day

Course Fee: \$12 (+ rental if needed)

Prerequisite: Audition

This class is the most advanced orchestra. This class is by audition only, and students must have the consent of the director. Students can be in either 7th or 8th grade. Students will play challenging music that pushes them to rehearse and perform in a professional manner.

-----OTHER MUSIC ELECTIVES-----

MUSIC APPRECIATION

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 1-2 hrs/week

Course Fee: \$6

Prerequisite: none

In this class, students will learn about how music has evolved over the years starting in the 1600's until now. Students will study famous composers, learn about different musical instruments and listen to all kinds of music genres from classical to jazz to pop music.

MUSICAL THEATRE

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$6

Prerequisite: none

If you are looking for something a little bit different, this class is for you! This course covers the history of musical theatre and combines acting, singing and dancing into one art form. This is the perfect class for students with a variety of experience and ability. In-class performances and presentations will be presented throughout the semester to a select audience. This class fulfills the state music requirement.

“Learn from yesterday, live for today, hope for tomorrow.”

— Albert Einstein

PHYSICAL EDUCATION & HEALTH

7th Grade Requirement—1 Semester PE
8th Grade Requirement—1 Semester PE & Health

BOYS

BOYS PE

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$0

Prerequisite: none

This class is designed to encourage students to increase their lifetime participation skills in a wide variety of activities. Teaching units and activities are designed to improve their teamwork and cooperation skills and help students improve and maintain personal fitness. Activities will include, but are not limited to: Basketball, Softball, Flag Football, Soccer, Volleyball, Badminton, Lacrosse, Aerobics, Bocce, Orienteering, and Fitnessgram Fitness Testing. Students will also be taught the personal benefits of proper nutrition and exercise, as well as the importance of setting and achieving personal fitness goals.

BOYS ADVANCED BASKETBALL

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$0

Prerequisite: basketball experience

If you enjoy playing basketball and want to develop your basketball skills, then this class is for you. It is designed for students interested in playing competitive basketball. This course will include daily skill instruction and implementation of those skills into a competitive and high energy game setting. This course will also include daily cardiovascular fitness. This class will offer training experiences to help students excel on the court. Students will set goals to improve on their fitness and skill development. Students can expect homework assignments of up to 1 hour per week. *This class will fulfill P.E. Requirements.

BOYS ADVANCED SPORTS SKILLS

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$0

Prerequisite: 1 semester of Boys PE

Students will learn advanced movement patterns and strategies for a variety of sports such as: Basketball, Volleyball, Soccer, Lacrosse, Flag Football, and Softball. Students will engage in fitness/sports training to build cardiovascular and muscle endurance. They will also monitor physical fitness levels through fitness testing and goal setting. *This class WILL fulfill P.E. requirements.

BOYS SPORTS TRAINING

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$0

Prerequisite: none

Do you love sports? Do you want to take your training to the next level? Imagine you are running, jumping, and chasing your opponent down faster. This class is for you! It is designed for students that are currently in or training for a sport. This class offers training experiences and other group fitness classes available at community centers and gyms. Students will work as individuals and in groups to discover activities such as: Interval Training, Circuit Training, PiYo Strength, walking/jogging/running and Fitnessgram Fitness Testing. We will also learn the power of setting and achieving personal fitness goals. *This class will fulfill P.E. Requirements

DANCE

SOCIAL DANCE

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 15-30 min/day

Course Fee: \$6

Prerequisite: none

This class will help you increase your social skills and improve your school life in all your classes! This class is designed to be fun and improve your health! No experience is necessary because we start with the beginning social dances such as Cha Cha, Samba, Waltz, Swing and others. Games and socials are also part of the class! This is one of those classes where you love to do the homework (dancing) and practice what you learn in class! *This class will fulfill P.E. Requirements

INTERMEDIATE BALLROOM

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 15-30 min/day

Course Fee: \$6

Prerequisite: beginning ballroom dance experience

This class is for anyone who has already taken a ballroom dance class before in elementary or middle school. You will learn intermediate steps in Cha Cha, Swing, Foxtrot, Waltz, as well as Samba, Rumba, Tango and Mambo. You will also learn to work together in formation with the class to show off what you have learned at the end of the semester! Students will have the opportunity to go to competitions at local universities. This class introduces intermediate technique and helps you learn to not only do the dance steps but to perform them as well! *This class will fulfill P.E. Requirements

PHYSICAL EDUCATION & HEALTH

7th Grade Requirement—1 Semester PE
8th Grade Requirement—1 Semester PE & Health

COMPETITION BALLROOM AMERICAN STYLE, BALLROOM, & LATIN

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 15-30 min/day

Course Fee: \$12

Prerequisite: Placement Audition

Ballroom Performance & Latin Performance are full-year performing dance classes where students are serious about their dance, but want

to have fun at the same time! They learn discipline to work hard both individually and as a team to excel. Students in these classes compete at Utah High School Championships and other competitions. Students also travel to locally and other places to perform. Most instruction is done during class. Dances include Cha Cha, Samba, Jive, Paso Doble, Rumba, Waltz, Quickstep, Viennese Waltz, Foxtrot and Tango.

*These classes will fulfill P.E. requirements

GIRLS

GIRLS PE

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$0

Prerequisite: none

This class is designed to encourage students to increase their lifetime participation skills in a wide variety of activities. Teaching units and activities are designed to improve their teamwork and cooperation skills and help students improve and maintain personal fitness. Activities will include, but are not limited to: Basketball, Softball, Flag Football, Soccer, Volleyball, Badminton, Lacrosse, Aerobics, Bocce, Orienteering, and Fitnessgram Fitness Testing. Students will also be taught the personal benefits of proper nutrition and exercise, as well as the importance of setting and achieving personal fitness goals.

DANCE FITNESS

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$0

Prerequisite: none

This class is for GIRLS. "Oh, I wanna dance with somebody" Do you like to dance? This class is for you! This class offers dance fitness experiences and other group fitness classes available at community centers and gyms. Students will work as individuals and in groups to discover activities such as: Zumba Fitness, Ballet Barre, PiYo Strength, walking/jogging/running and Fitnessgram Fitness Testing. We will also learn the power of setting and achieving personal fitness goals. The teacher is also a Certified Fitness Instructor! *This class will fulfill P.E. Requirements

GIRLS ADVANCED SPORTS SKILLS

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$0

Prerequisite: 1 semester of Girls PE

Students will learn advanced movement patterns and strategies for a variety of sports such as: Basketball, Volleyball, Soccer, Lacrosse, Flag Football, and Softball. Students will engage in fitness/sports training to build cardiovascular and muscle endurance. They will also monitor physical fitness levels through fitness testing and goal setting.

GIRLS SPORTS TRAINING

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: up to 30 min/week

Course Fee: \$0

Prerequisite: none

Do you love sports? Do you want to take your training to the next level? Imagine you are running, jumping, and chasing your opponent down faster. This class is for you! It is designed for students that are currently in or training for a sport. This class offers training experiences and other group fitness classes available at community centers and gyms. Students will work as individuals and in groups to discover activities such as: Interval Training, Circuit Training, PiYo Strength, walking/jogging/running and Fitnessgram Fitness Testing. Unfortunately this class does not offer Zumba Fitness. We will also learn the power of setting and achieving personal fitness goals. The teacher is also a Certified Fitness Instructor! *This class will fulfill P.E. Requirements

HEALTH

HEALTH

Duration: Semester (0.5)

Grade(s): 8

Homework: 30 min-1 hr/week

Course Fee: \$0

Prerequisite: none

Health is a required class. Health Education provides students with the opportunity to gain knowledge, practice skills and develop attitudes

that can benefit them throughout life. Students are encouraged to establish and achieve personal goals that will contribute to a healthy lifestyle and lifelong wellness. This class will cover the following topics: Health Triangle, Diseases, Nutrition and Fitness, Substance Abuse, Mental Health, Social Health, Human Development, and First Aid and Safety.

SCIENCE

7th Grade Requirement—Full Year

8th Grade Requirement—Full Year

7th GRADE SCIENCE CORE COURSES

COLLEGE PREP SCIENCE 7

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 1 hr/week

Course Fee: \$10

Prerequisite: none

This course focuses on the theme of “structure.” Physical, earth and life science contents are integrated with two primary goals: (1) students will value and use science as a process of obtaining knowledge based on observable evidence, and (2) students will develop an understanding of structure as a general science concept common to all areas. Taking this class will help prepare students for high school science classes as well as the end-of level SAGE testing. Appropriate instruction and assignments will be offered for all ability levels.

SCIENCE 7—HONORS

Duration: Semester (0.5)

Grade(s): 7

Homework: 1-2 hrs/week

Course Fee: \$10

Prerequisite: none

This course is for students who have a strong interest and aptitude in science. Building upon the theme of “structure,” this class will cover the 7th grade science core in more depth, with more investigations and

group work. This course will move at a faster pace, requiring additional work outside of class. Students are required to complete an independent science project and participate in the school STEM fair. Students in this class must be working at or above grade level, work well with others, be well-behaved, and be self-motivated learners in order to have success in this challenging class.

SCIENCE 7—GIFTED

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 2-3 hrs/week

Course Fee: \$10

Prerequisite: Application

This class will cover the Utah 7th grade science core at an accelerated pace by “doing” science through experimental and project-based learning. There will be an emphasis on “hands on” investigations accompanied by presentations that help students develop advanced skills in communicating project design and evidence based conclusions. Focus will be placed on experimental design and advanced thinking skills to analyze and evaluate data. Students should be able to work well with others, be self-directed, and motivated to complete projects and assignments. Students are required to complete an independent science project and participate in the school STEM fair. If you enjoy exploration and problem solving, crave a challenge and want to know how the world works, this class is for you.

8th GRADE SCIENCE CORE COURSES

COLLEGE PREP SCIENCE 8

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 1 hr/week

Course Fee: \$10

Prerequisite: none

This course emphasizes the role of energy through chemistry and changes in matter; the physical science of kinetic energy, potential energy, and waves; energy flow through ecosystems, and energy through geologic processes and how that has affected the distribution of Earth's natural resources. Students will use scientific inquiry to develop their ability to think logically and problem solve. Students are expected to complete all classroom tasks and assignments in a timely manner with quality work.

challenged will participate in a more in-depth coverage of the curriculum. Students are required to complete an independent science project and participate in the school STEM fair. Students must be working at grade level and are expected to be self-motivated learners and willing to explore scientific topics in greater depth. Students are expected to complete all classroom tasks and assignments in a timely manner with quality work.

SCIENCE 8—GIFTED

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 2-3 hrs/week

Course Fee: \$10

Prerequisite: Application

This course emphasizes the role of energy through chemistry and changes in matter; the physical science of kinetic energy, potential energy, and waves; energy energy flow through ecosystems, and energy through geologic processes and how that has affected the distribution of Earth's natural resources. This class covers the Utah 8th grade science core at an accelerated pace. Focus will be placed on experimental design and advanced thinking skills to analyze and evaluate data. Students should be able to work well with others, be self-directed, and motivated to complete projects and assignments. Students are required to complete an independent science project and participate in the school STEM fair. If you enjoy exploration and problem solving, and crave a challenge this class is for you.

SCIENCE 8—HONORS

Duration: Semester (0.5)

Grade(s): 8

Homework: 1-2 hrs/week

Course Fee: \$10

Prerequisite: none

This course emphasizes the role of energy through chemistry and changes in matter; the physical science of kinetic energy, potential energy, and waves; energy energy flow through ecosystems, and energy through geologic processes and how that has affected the distribution of Earth's natural resources. Students who have a desire to be

SCIENCE

7th Grade Requirement—Full Year

8th Grade Requirement—Full Year

SCIENCE SUPPORT COURSES

COLLEGE PREP SCIENCE 7—SUPPORT

Duration: Yearlong (1.0)

Grade(s): 7 & 8

Homework: 15-30 min/day

Course Fee: \$0

Prerequisite: none

This course is a support class for 7th grade Science students. Students will receive additional instruction in Science.

COLLEGE PREP SCIENCE 8—SUPPORT

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 15-30 min/day

Course Fee: \$0

Prerequisite: none

This course is a support class for 8th grade Science students. Students will receive additional instruction in Science.

SCIENCE ELECTIVE COURSES

STEM I

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 0-2 hrs/week

Course Fee: \$15 + supplies

Prerequisite: none

This course is for those who are problem solvers, are innovative and creative, and love a challenge. After being presented with a problem or challenge, students will work through the Engineering Design Process to design solutions to solve the problem. Students will be expected to work in a collaborative group setting and use problem-solving strategies to design and build solutions. Fast-paced, collaborative, and hands-on, this course will require self-discipline and the ability to work well with others. Topics that are covered include: introduction to engineering, overview of the fields of engineering, mechanical engineering, art and engineering, and structural engineering.

STEM II

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 0-2 hrs/week

Course Fee: \$15 + supplies

Prerequisite: STEM I

Building on what students learned in STEM I, STEM II will more deeply explore each field of engineering. Students will be expected to work in a collaborative group setting and use problem-solving strategies to design and build solutions. Topics that will be explored include: environmental engineering, biomedical engineering, mechanical engineering, and civil engineering. Students must have STEM I to be enrolled in STEM II. Course is 1 semester.

Knowing is not enough; we must apply.

Willing is not enough; we must do.

— *Johann Wolfgang von Goethe*

SOCIAL STUDIES

7th Grade Requirement—Semester
8th Grade Requirement—Full Year

7th GRADE SOCIAL STUDIES CORE COURSES

COLLEGE PREP UTAH STUDIES

Duration: Semester (0.5)

Grade(s): 7

Homework: 1 hr/week

Course Fee: \$0

Prerequisite: none

College Prep Utah Studies is a required semester course for 7th graders which explores both the history of Utah, and Utah as it is today. The class is divided into five units of study: Geography, Early People, Government & Statehood, People & Cultures, and Economy. Current events and literacy are emphasized throughout the course

AMERICAN STUDIES 7—GIFTED

ENGLISH 7 GIFTED COMBINED WITH UTAH STUDIES 7 GIFTED

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 4-6 hrs/week

Course Fee: \$0

Prerequisite: test placement

This course is designed for students who are highly gifted in reading and writing as evidenced by test scores, prior academic performance

and grades, teacher recommendations, and the desire to be extremely challenged. Students need to be self-motivated, organized, strong readers, and exceptional writers in order to handle the rigor and increased homework demands of this class. Students will be expected to read and write inside class as well as at home in a variety of genres, with an emphasis on writing analytically and for argument. Students will dig deeply into themes and topics. Designed to meet the unique needs of gifted students, this class combines the study of English with Utah History in an interdisciplinary double class block, fulfilling the state requirements for both subjects. This combination will help students understand both subjects better and prepare them to become citizens who understand their heritage and the importance of the future. Students will learn the language skills necessary for them to appropriately impact their own future and that of their communities. This class will cover themes and topics found in all genres of literature, especially writings that pertain to the historical periods being studied. Students will also develop language skills for oral presentation.

8th GRADE SOCIAL STUDIES CORE COURSES

COLLEGE PREP U.S. HISTORY

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 1-2 hrs/week

Course Fee: \$0

Prerequisite: none

This is a required class that emphasizes historic events from the age of exploration to reconstruction and the western movement. Topics covered will include, but are not limited to: the age of exploration, colonization, the Revolutionary War, national period, constitutional issues, the Civil War, reconstruction and the western movement. The emphasis of this course is on the eighteenth and nineteenth centuries, including analyzing primary source documents and research. The state Civics Test that students must pass to get their high school diploma will be given in this class.

extremely challenged. Students need to be self-motivated, organized, strong readers, and exceptional writers in order to handle the rigor and increased homework demands of this class. Students will be expected to read and write inside class as well as at home in a variety of genres, with an emphasis on writing analytically and for argument. Students will dig deeply into themes and topics. Designed to meet the unique needs of gifted students, the class combines the study of English with United States History in a two-hour interdisciplinary block, fulfilling the state requirements for both subjects. This combination will help students understand both subjects better and prepare to become citizens who understand their heritage and the importance of the future. Students will learn the language skills necessary for them to appropriately impact their own future and that of the United States. This class will cover themes and topics found in all genres of literature, especially writings that pertain to the historical periods being studied. Students will develop language skills for oral presentation.

AMERICAN STUDIES 8—GIFTED

ENGLISH 8 GIFTED COMBINED WITH U.S. HISTORY 8 GIFTED

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 4-6 hrs/week

Course Fee: \$0

Prerequisite: test placement

This course is designed for students who are highly gifted in reading and writing as evidenced by test scores, 7th grade English performance and grades, teacher recommendations, and the desire to be

SOCIAL STUDIES

7th Grade Requirement—Semester
8th Grade Requirement—Full Year

-----SOCIAL STUDIES ELECTIVE COURSES-----

CURRENT WORLD ISSUES

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 30 min-1 hr/week

Course Fee: \$0

Prerequisite: none

Students will be expected to participate actively in class, apply what they are learning in class to real-world issues, carry out research on countries and topics and simulate the behavior of real-world diplomats in a mock Model United Nations competition. Students will learn to research a country's background, government and foreign policy. Along with a selection of United Nations issues like security, the environment or political development. They will learn the basic rules by which United Nation diplomats operate and then put the knowledge they have gained into effect by crafting agreements to solve real-world, real-time issues during the competition.

NATIVE AMERICAN STUDIES

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 1 hr/week

Course Fee: \$0

Prerequisite: none

This class will examine the incredibly diverse and complex world of Native American nations. This will be accomplished through the study

of historical and current cultural aspects of various tribes, such as oral traditions and religious beliefs, current issues Native American nations are facing, and important and impactful events in history, such as the Navajo Code Talkers and the Wounded Knee Massacre. Classwork will include formal research projects, lectures, guest speakers, class discussions, and examining and evaluating primary and secondary sources. The goal of this class is to not only enhance and deepen knowledge, but to improve upon important social studies skills.

REVOLUTIONS THROUGHOUT HISTORY

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 1 hr/week

Course Fee: \$0

Prerequisite: none

Revolutions, where governments are overthrown, are chaotic turning points in history; after a revolution, life will never be the same again. This one semester elective class will explore important historical revolutions such as the French Revolution, the Russian Revolution, and the Chinese Revolution. Students will discover elements that all revolutions have in common, the warning signs that show a revolution could occur, and what makes a successful revolution.

*“The best way to predict your future
is to create it.”*

— Abraham Lincoln

STUDENT GOVERNMENT

For more information please contact Tani Brown: tanib@provo.edu or Erin Radandt: erinr@provo.edu

Student Government is a program designed to teach leadership, cooperation, and other social skills. It is a class run mostly by the student leaders under the direction of two advisors. Student Government members plan and direct school activities and two assemblies during the year. They are also responsible for promoting school spirit, sponsoring a school-wide service project, and implementing other activities as assigned by the administration.

Student Government members are in two different groups: six Student Body Officers (four elected and two appointed) and Student Council Members (appointed from each grade). All student government students will be expected to avoid ISS and/or behavior referrals (one lunch detention will be allowed each term of service in Student Government). All members of Student Government are expected to be an example to the rest of the school, pass all classes, behave well in class, and participate in school activities. Failure to meet academic and/or behavioral expectations may result in probation and/or dismissal from Student Government.

Members will be required to perform **one hour of school service each week**, which will need to be done outside of class time (usually before and after school). They will also be expected to attend the school Leadership Retreat, which is usually held in January. More information about the Leadership Retreat will be given during the semester.

Student Body Officers serve for a full year during 8th grade and must have passed all seventh grade classes, and maintain a B grade (or higher) in all classes throughout the year. The six Student Body Officers will include a President and Vice President, along with a Secretary and a Historian. These four students run in the election during spring of their 7th grade year. The remaining two Student Body Officers are the Public Relations Officers who apply individually and serve by appointment through the application and interview process. This process also takes place during spring of their 7th grade year.

Student Council Members serve for one semester during 7th and/or 8th grade and must maintain a B- or higher in all classes throughout the semester. Student Council members will apply at the end of the semester before they wish to serve.

Admission is by election and/or application only.

Applications for all positions are available in the Counseling Office. **Late applications will not be considered for any positions.**

***The following dates apply for the **2017-2018** school year **(dates are subject to change)**

For Elected Office:

(President, Vice President, Secretary, or Historian)

March 29	Mandatory Elections Meeting (3-4 PM)
April 12	SBO Applications Due (8 AM)
April 20	SBO Interviews
April 24-28	Elections Week

For Appointed Office:

(Public Relations Officers)

March 29	Mandatory Elections Meeting (3-4 PM)
May 8	PR Applications Due (8 AM)
May 9	Public Relations Screening Activity (3-5 PM)

For Student Council 1st Semester:

(2017-2018 7th & 8th graders)

May 12	Applications Due
May 17	Possible Interviews (for 2017-18 8th graders only)

For Student Council 2nd Semester:

(2017-2018 7th & 8th graders)

December 1	Applications Due
December 8	Possible Interviews

STUDENT SERVICES

ACADEMIC ASSISTANCE

Duration: Semester/Yearlong (0.5/1.0)

Grade(s): 7 & 8

Course Fee: \$0

This class is for those who feel they could use extra help with their classes. It can also be used for students who have a lot of honors classes who could use more time for homework. The students will have time to do homework, ask questions and get the extra help that they need. There will be a teacher and academic peer tutors to help. The class will be both compulsory and voluntary. It is designed for students to raise and maintain their GPA. It is a pass/fail class. To obtain a passing grade the student will need to focus and accomplish the tasks the teacher plans for them.

ACADEMIC ASSISTANCE TUTOR

Duration: Semester/Yearlong (0.5/1.0)

Grade(s): 7 & 8

Course Fee: \$0

Prerequisite: Application

This class is open to students who are interested in being a tutor to those in our Study Hall class. Must be a good student who is self-motivated. You will be helping other students with Math, History, Science, English etc. If you would like to make a difference to your peers this is the class for you. Your grade will be based on your interaction with the students and the teacher.

LATINOS IN ACTION

Duration: Semester (0.5)

Grade(s): 8

Homework: up to 1 hr/week

Course Fee: \$0

Prerequisite: Application

In this class, Hispanic students participate in many service and leadership experiences. All students in Latinos in Action participate in a tutoring program to help elementary students at Rock Canyon Elementary School. Students will be accepted into the class based on school GPA and behavior.

LIBRARY MEDIA AIDE

Duration: Semester (0.5)

Grade(s): 8

Course Fee: \$0

Prerequisite: Application

Do you love reading and libraries? Do you have awesome? Are you responsible and hardworking? Do you enjoy computers, video equipment and other technology? Then this class is for you! Put in an application to become part of the library team.

MIDDLE SCHOOL MINDSET

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 30 min-1 hr/week

Course Fee: \$0

Do you want to learn how to be a better student? Do you want to learn to get better grades and higher test scores? Do you need to learn how to manage your feelings and impulses, or learn to appropriately deal

with stress and anxiety? Do you need help with time management or problem solving? Do you need to learn how to get along better with others? Then Middle School Mindset is for you! Come learn how to make the most of your Middle School years and ensure success.

OFFICE AIDE: MAIN OFFICE/COUNSELING OFFICE

Duration: Yearlong (1.0)

Grade(s): 8

Course Fee: \$0

Prerequisite: Application

As an Office Aide you will have many responsibilities. You are a representative of the school and must act in a professional manner. You will be asked to do many different things: Answer phones, take notes, lunches, forgotten items to students, help the counselors and office personnel. In the Main Office you will assist with attendance check-ins and check-outs. In the Counseling office you will help the registrar by giving tours of the school to new students. You will be asked to perform different tasks and must be flexible. To be considered as an Aide you must have 90% attendance and have a 3.5 GPA or higher.

PEER TUTOR

Duration: Semester (0.5)

Grade(s): 8

Homework: 1 hr/week

Course Fee: \$0

Prerequisite: Application

This class is open to students who are responsible and like to help others. Our class consists of students who are significantly disabled. Peer tutors come into class and teach social skills, academic skills and friendship skills with the students. The teachers model how to interact with the students. Peer Tutors may also accompany students to elective classes to help them navigate around the school and follow directions in class. Students are graded on their interaction with the students, reading assignments, and some writing assignments. Peer tutors in the past have said this was their favorite class.

TEACHER AIDE

Duration: Semester (0.5)

Grade(s): 8

Course Fee: \$0

Prerequisite: Application

Students will fulfill a variety of assignments. They will help teachers and assist students in the class. It is important that students be able to follow procedure, have self-motivation, and be willing to do menial tasks with a good attitude. Students may only TA for one class per year, and for one semester unless they are selected to be an office aide. This class is an application only class. You must be approved by the teacher.

WORLD LANGUAGES

----- CHINESE -----

INTRO. TO CHINESE

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 1 hr/week

Course Fee: \$5

Prerequisite: none

This course is an exploration of and introduction to the Chinese language and culture. Students will sample the language through thematic units (classroom commands, greetings, numbers, days, months, weather, likes/dislikes, hobbies, physical description and personality traits, time, school subjects, and food). Students will be exposed to basic grammar, pronunciation and cultural aspects of the language. Students will have vocabulary and expressions to practice at home, as well as occasional projects.

----- FRENCH -----

INTRO. TO FRENCH

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 1 hr/week

Course Fee: \$5

Prerequisite: none

This course is an exploration of and introduction to the French language and culture. Students will sample the language through thematic units (classroom commands, greetings, numbers, days, months, weather, likes/dislikes, hobbies, physical description and personality traits, time, school subjects, and food). Students will be exposed to basic grammar, pronunciation and cultural aspects of the language. Students will have vocabulary and expressions to practice at home, as well as occasional projects.

FRENCH 1

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 1 hr/week

Course Fee: \$10

Prerequisite: Intro. To French

Students will build upon their basic knowledge of the French language, learning more vocabulary (family, clothing, colors, places in the city, transportation, house, house chores, parts of the body, sports, daily routine), verb conjugations, grammar structures, idioms and cultural aspects. Students will have vocabulary and expressions to practice at home, as well as occasional projects. *This is a pre-requisite for French 2 taught in high school.

----- GERMAN -----

INTRO. TO GERMAN

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 1 hr/week

Course Fee: \$5

Prerequisite: none

This course is an exploration of and introduction to the German language and culture. Students will sample the language through themat-

ic units (classroom commands, greetings, numbers, days, months, weather, likes/dislikes, hobbies, physical description and personality traits, time, school subjects, and food). Students will be exposed to basic grammar, pronunciation and cultural aspects of the language. Students will have vocabulary and expressions to practice at home, as well as occasional projects.

GERMAN 1

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 1 hr/week

Course Fee: \$10

Prerequisite: Intro to German

Students will build upon their basic knowledge of the German language, learning more vocabulary (family, clothing, colors, places in the city, transportation, house, house chores, parts of the body, sports, daily routine), verb conjugations, grammar structures, idioms and cultural aspects. Students will have vocabulary and expressions to practice at home, as well as occasional projects. *This is a pre-requisite for German 2 taught in high school.

----- SPANISH -----

INTRO. TO SPANISH

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 45 min/week

Course Fee: \$5

Prerequisite: none

This course is an exploration of and introduction to the Spanish language and culture. Students will sample the language through thematic units (classroom commands, greetings, numbers, days, months, weather, likes/dislikes, hobbies, physical description and personality traits, time, school subjects, and food). Students will be exposed to basic grammar, pronunciation and cultural aspects of the language. Students will have vocabulary and expressions to practice at home, as well as occasional projects.

SPANISH 1

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 45 min/week

Course Fee: \$10

Prerequisite: Intro. to Spanish

Students will build upon their basic knowledge of the Spanish language, learning more vocabulary (family, clothing, colors, places in the city, transportation, house, house chores, parts of the body, sports, daily routine), verb conjugations, grammar structures, idioms and cultural aspects. Students will have vocabulary and expressions to practice at home, as well as occasional projects. *This is a pre-requisite for Spanish 2 taught in high school.

WORLD LANGUAGES

Dual Language Immersion

----- CHINESE -----

DLI CHINESE 3

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 1 hr/week

Course Fee: \$10

Prerequisite: Dual Language Immersion Students Only

This course is a continuation of the Elementary Dual Language Immersion program that promotes the development of speaking, listening, reading, and writing skills in Chinese. It will focus on cognition skills and deepening cultural competencies. Narratives and dialogues are used to teach grammar structure and vocabulary. Culture and geography of the native country are taught through reading section. *Students will receive High School credit for this course.

DLI CHINESE 4

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 1 hr/week

Course Fee: \$10

Prerequisite: Dual Language Immersion Students Only

This course continues to develop students' ability to understand, speak, read, and write in Chinese. Students will develop language skills through a combination of whole class instruction, group work, partner work, and individual work. Narratives and dialogues are used to teach grammar structure and vocabulary. Culture and geography of the native country are taught through reading section as well. *Students will receive High School credit for this course.

CHINESE CULTURE, HISTORY, & MEDIA

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 1 hr/week

Course Fee: \$0

Prerequisite: Enrollment in DLI Chinese 3

This course builds skills in cultural-linguistic competencies necessary for successful communication with native speakers (reading, writing, listening, and speaking). It is a project-based course in which students utilize media and authentic texts to learn about the diverse cultural products, practices, and perspective of the Chinese-speaking world. *Students will receive High School credit for this class.

WORLD CIVILIZATIONS (in Chinese)

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 1 hr/week

Course Fee: \$0

Prerequisite: none

Are you interested in Egyptian Pyramids, King Tut, Vishnu, Buddha, Confucianism, and the Terra Cotta Army? Then this class is for you!

This one semester class for Chinese DLI students will explore the mythology and history of Ancient Civilizations, including Egypt, India, and China. *This class is for dual language immersion students only.

----- FRENCH -----

DLI FRENCH 3

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 2.5-3 hrs/week

Course Fee: \$10

Prerequisite: Dual Immersion Students Only

This course is a continuation of the Elementary Dual Language Immersion program that promotes the development of speaking, listening, reading, and writing skills in French. It will focus on cognition skills and deepening cultural competencies. Narratives and dialogues are used to teach grammar structure and vocabulary. Culture and geography of the native country are taught through reading section. *Students will receive High School credit for this course.

DLI FRENCH 4

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 2.5-3 hrs/week

Course Fee: \$10

Prerequisite: completion of DLI 3H

This course continues to develop students' ability to understand, speak, read, and write in French. Students will develop language skills through a combination of whole class instruction, group work, partner work, and individual work. Narratives and dialogues are used to teach grammar structure and vocabulary. Culture and geography of the native country are taught through reading section as well. *Students will receive High School credit for this course.

FRENCH CULTURE, HISTORY, & MEDIA

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 1 hr/week

Course Fee: \$0

Prerequisite: Enrollment in DLI French 3-Honors

This course builds skills in cultural-linguistic competencies necessary for successful communication with native speakers (reading, writing, listening, and speaking). It is a project-based course in which students utilize media and authentic texts to learn about the diverse cultural products, practices, and perspective of the French-speaking world. *Students will receive High School credit for this class.

WORLD LANGUAGES

Dual Language Immersion

----- SPANISH -----

DLI SPANISH 3

Duration: Yearlong (1.0)

Grade(s): 7

Homework: 2 hr/week

Course Fee: \$10

Prerequisite: Dual Immersion Students Only

This course is a continuation of the Elementary Dual Language Immersion program that promotes the development of speaking, listening, reading, and writing skills in Spanish. It will focus on cognition skills and deepening cultural competencies. Narratives and dialogues are used to teach grammar structure and vocabulary. Culture and geography of the native country are taught through reading section. *Students will receive High School credit for this course.

DLI SPANISH 4

Duration: Yearlong (1.0)

Grade(s): 8

Homework: 2 hr/week

Course Fee: \$10

Prerequisite: Dual Immersion Students Only

This course continues to develop students' ability to understand, speak, read, and write in Spanish. Students will develop language

skills through a combination of whole class instruction, group work, partner work, and individual work. Narratives and dialogues are used to teach grammar structure and vocabulary. Culture and geography of the native country are taught through reading section as well. *Students will receive High School credit for this course.

SPANISH CULTURE, HISTORY, & MEDIA

Duration: Semester (0.5)

Grade(s): 7 & 8

Homework: 1 hr/week

Course Fee: \$0

Prerequisite: Enrollment in DLI Spanish 3

This course builds skills in cultural-linguistic competencies necessary for successful communication with native speakers (reading, writing, listening, and speaking). It is a project-based course in which students utilize media and authentic texts to learn about the diverse cultural products, practices, and perspective of the Spanish-speaking world. *Students will receive High School credit for this class.

*What you do today can improve
all your tomorrows.*

—Ralph Marston



Middle School Fee Schedule

NOTE: ALL CLASSES ARE NOT NECESSARILY OFFERED IN ALL SCHOOLS.

Fee waiver applications must be received prior to October 15 of the school year for which fees are assessed for ongoing students, or within 30 days of registration for newly enrolled students. If a major financial change can be documented, fee waiver applications will be accepted any time before April 15 of the current school year.

[See 6160 P1 School Fees and Fee Waivers](#)

1. General Fee: \$65: Instructional materials, locker use, school-wide technology, student planner, textbook rental (Note: Some booster clubs may conduct optional fundraisers in addition to the fees listed below and in accordance with Policy 6110 Fundraising.)

2. Course Fees - Not all courses will require a fee. Detailed information about each class fee is included in each middle school's course description booklet.

Fine Arts Classes - Art supplies: paper, paints, canvas, brushes, clay, etc.	\$6/12
Foreign Language Classes and Dual Language Immersion - Online access to textbooks, classroom supplies	\$5/10
Technology Classes - Technology supplies, printing, maintenance	\$5/10
STEM/Entrepreneurship - Lab materials, computer program access, classroom supplies	\$15
Science Lab Materials: All Classes - Consumable supplies, chemicals, scales, workbook	\$10
CCA/FACS Classes - Groceries, kitchen supplies, emergency maintenance, sewing patterns, general supplies	\$5/10/15
Music Classes - Copyright fees, sheet music, maintenance, entrance fees, supplies	\$6/12

3. Instrumental Rental Fees - if necessary

Band Instrument - Year Long	\$75
Orchestra- Year Long	\$75
Guitar- Semester	\$40
Percussion- Semester	\$40

4. Miscellaneous Fees

Field Trips - Transportation, entrance fees, etc.	Cost
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5. Student Travel

Per School Board Policy/Procedure

FINES/FEES BELOW DO NOT QUALIFY FOR FEE WAIVERS
SEE DISTRICT FEE AND FINE SCHEDULES

6. Fines/Damages

Per School Board Policy

Lost/Replacement Classroom Materials

7. Optional Purchases - The following are not fees and are not subject to fee waivers.

Yearbook	\$30
After School/Summer School per Class	\$10/20
Class Change Fee	\$5
Optional School or Program Apparel	Up to \$30
PTA Dues	\$10
Entry to Evening Performances - Drama/Music	\$ 1/2/10
Lagoon Trip- 8th Grade	Cost

* Pursuant to Utah Code 53A-11-102 and Utah Administrative Rule R277-494-3, students who attend a charter school, private school or home school and participate in extracurricular activities must pay a \$75.00 fee in addition to all related participation fees.

STUDENT FEES MAY BE PAID USING MYSCHOOLFEES.COM. CASH or CHECKS ARE WELCOME IN THE FINANCIAL OFFICE AT THE SCHOOL.

A fee will be added to all returned checks equal to the maximum allowed by law. The returned check and the associated service charge may be presented to your bank either electronically or in the form of a paper draft.

*All our dreams can come
true, if we have the courage
to pursue them.*

— Walt Disney

