# Legacy Junior High <br> <br> 2020-2021 9th Grade Course Catalog 

 <br> <br> 2020-2021 9th Grade Course Catalog}


## 213

PEER TUTOR
216 PEP SQUAD
220 STUDENT GOVERNMENT
221 CHEERLEADERS
408 NATIONAL ACADEMIC LEAGUE
850 RELEASED TIME (LDS SEMINARY)
4531 CURRENT ISSUES
6609 STEM EXPLORATIONS
6600 HACKING STEM
(SEM)
(SEM)
(YEAR)
(YEAR)
(SEM)
(YEAR)
(SEM)
(SEM)
(SEM)

## ENGLISH LANGUAGE ARTS

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4055 ENGLISH 9
4 0 6 0 \text { ENGLISH 9 HONORS}
4 3 3 5 \text { CREATIVE WRITING } 1
4340 CREATIVE WRITING }
4 3 4 5 \text { SCHOOL NEWSPAPER EDITOR}
4 3 6 0 \text { SCHOOL NEWSPAPER}
4 3 8 5 \text { DEBATE } 1
```

(YEAR)
(YEAR)
(SEM)
(SEM)
(SEM)
(SEM)
(SEM)

## FINE ARTS

| 2105 | ART FOUNDATIONS 9 | (SEM) |
| :--- | :--- | :--- |
| 2106 | ADVANCED ART FOUNDATIONS 9 | (SEM) |
| 2110 | DRAWING 1 | (SEM) |
| 2112 | CERAMICS | (SEM) |
| 2123 | COMMERCIAL ART 1 YEARBOOK | (YEAR) |
| 2201 | BAND 1 | (YEAR) |
| 2211 | BAND 2 BRASS | (YEAR) |
| 2212 | BAND 2 WOODWIND | (YEAR) |
| 2213 | BAND 2 PERCUSSION | (YEAR) |
| 2214 | JAZZ BAND | (YEAR) |
| 2220 | BAND 3 ADVANCED | (YEAR) |
| 2304 | BEGINNING MIXED CHOIR | (SEM) |
| 2310 | ADVANCED CHORALAIRES | (YEAR) |
| 2310 | ADVANCED CONCERT CHOIR | (YEAR) |
| 2310 | ADVANCED LEGACY MADRIGALS | (YEAR) |
| 2316 | MUSIC EXPLORATION | (SEM) |
| 2405 | ORCHESTRA 1 | (YEAR) |
| 2406 | ORCHESTRA 2 | (YEAR) |
| 2502 | THEATER 1 | (SEM) |
| 2503 | THEATER 2 | (SEM) |
| 2508 | MUSICAL THEATER | (SEM/YEAR) |
| 2514 | MUSICAL THEATER STAGE CREW | (YEAR) |
| 2606 | DANCE 1 - BALLROOM FINE ART | (SEM) |

ARTFOUNDATIONS 9

(SEM)

2112 CERAMICS
2123 COMMERCIAL ART 1 YEARBOOK
2201 BAND 1
2211 BAND 2 BRASS
2212 BAND 2 WOODWIND
2213 BAND 2 PERCUSSION
2214 JAZZ BAND
2220 BAND 3 ADVANCED
2304 BEGINNING MIXED CHOIR
2310 ADVANCED CHORALAIRES
2310 ADVANCED CONCERT CHOIR
2310 ADVANCED LEGACY MADRIGALS
2316 MUSIC EXPLORATION
2405 ORCHESTRA 1
2406 ORCHESTRA 2
2502 THEATER 1
2503 THEATER 2
2508 MUSICAL THEATER
2514 MUSICAL THEATER STAGE CREW
2606 DANCE 1 - BALLROOM FINE ART
(SEM)
(SEM)
(YEAR)
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(SEM)
(SEM/YEAR) (YEAR)
(SEM)


Click on any course to link to its description

| MATHEMATICS |  |  |
| :--- | :--- | :--- |
| 5200 | SECONDARY MATH I | (YEAR) |
| 5205 | SECONDARY MATH I HONORS | (YEAR) |
| 5305 | SECONDARY MATH II HONORS | (YEAR) |
| 400 | SECONDARY MATH I EXTENSION | (SEM) |

## PHYSICAL EDUCATION

1022 PE SKILLS \& TECHNIQUES 9
1040 LIFETIME ACTIVITIES 9
1040 LIFETIME ACTIVITIES 9 BALLROOM
(SEM)
(SEM)
(SEM)

## SCIENCE

6200 BIOLOGY
6300 EARTH SCIENCE
6330 AP ENVIRONMENTAL SCIENCE
(YEAR)
(YEAR)
(YEAR)

## SOCIAL STUDIES

4520 GEOGRAPHY
4590 AP HUMAN GEOGRAPHY
(YEAR)
(YEAR)

## WORLD LANGUAGES

3110 SPANISH 1
(YEAR)
3120 SPANISH 2
(YEAR)
3130 SPANISH 3
(YEAR)
3152 H DLI SPANISH 5
(YEAR)
3210 FRENCH 1
(YEAR)
3220 FRENCH 2
(YEAR)
3230 FRENCH 3

## 210 Office Assistant (semester)

Preapproval by office secretary. Graded Pass/Fail
The office assistant will be under the direction of the secretaries. Duties include filing reports, absentee listings, mailings, checking students in and out of school, calling parents about attendance, assisting the public at the counter, and learning to use the copy machines and the intercom. Office assistants also learn the proper way to answer the telephone. Student must have good attendance and grades to be an office assistant. There will be limited enrollment, an application process, and an interview.

## 211 Teacher Assistant (semester)

Preapproval by teacher. Graded Pass/Fail
The teacher assistant will be under the direction of one teacher. The teacher will assign duties to the assistant as needed.
Students assist teachers in typing, filing, bulletin boards, tutoring, etc. Student application required.

## 212 Counseling Office Assistant (semester)

Preapproval by counselor. Graded Pass/Fail
The counseling office assistant will be under the direction of the counseling department and will work closely with the counseling secretary. Duties may include filing, answering parent phone calls, looking up classes, delivering passes, showing new students where their classes are in the building, and various other projects throughout the year. Student application, satisfactory citizenship, and counselor approval required.

## 215 Library Media Assistant (semester)

Preapproval by librarian. Graded Pass/Fail
Library Skills is designed for students who enjoy variety in their daily tasks, who are computer literate, and like to read. Inclass assignments, checking books in and out, shelving books, and completing errands and tasks for the operation of the library. Students must have a 3.0 GPA. Applications for Library Skills/Media Assistant can be picked up in the Media Center.

## CAREER AND TECHNICAL EDUCATION

## 7410 Child Development (semester)

## Fee: \$10*

This is not just a babysitter basics class; it will prepare you to be the best caregiver around with a wealth of knowledge about how kids develop. You will learn about the stages of childhood growth, the demands of parenthood, and the best practices for helping a child succeed. You even get the opportunity to take our school's mechanical Reality Works baby home for a hands-on learning simulation experience!

## 7433 Sewing Construction/Textile 1 (semester)

Fee: \$10*
If you love sewing, you will love this class! It does not matter if you are new to sewing or already an expert, you will get the chance to make projects that will teach you the basics and challenge the skills you already have. We will have fun together as we master the art of sewing and apparel design.

## 7440 Fashion Design Studio (semester)

## Fee: \$10*

Are you interested in Fashion? Design? Clothing and Apparel? Then this class is for you! Be prepared to participate in many design projects, make an online fashion portfolio, learn all about the history and business of fashion, and even help make a class fashion website! You will never look at Fashion the same!

7460 Food and Nutrition (semester)

## Fee: \$20*

Nutrition! Healthy Lifestyles! Chef Extraordinaire! Come learn the secrets of looking and feeling great and acquire the skills necessary to prepare nutritious meals for your friends and family! This course emphasizes the principles of sound nutrition and maintaining a healthy lifestyle. Ample opportunity for improving your culinary skills is provided with labs that include breads, cookies, pasta, salads, stir fry, and much more! Roll up your sleeves and be ready to learn skills that will last a lifetime.

## 7812 Digital Communication Technology (semester)

Fee: \$10*
Warning! Please keep your hands and feet inside at all times until this course comes to a full and complete stop. Enjoy the ride. This is a FUN, fast paced class! This course introduces basic skills and applications of communications technology. Activities will include stop motion animation, non-linear video editing including green screen special effects, digital photography, photograph restoration and enhancement, computer aided drafting and beginning electronics. Students learn the basics of computer games and can design and program their own. If time permits students will create their own ringtones.

## 7823 Construction Technology 1 (semester)

## Fee: \$10*

Construction Technology 1 teaches advanced woodworking, joinery techniques, proper layout, and design. It also includes a brief look at residential construction and how projects are developed. We will frame small houses, use state of the art technology to design, decorate, and furnish houses on the computer, and build projects that use wood, plastic, and metal.

## DIGITAL LEARNING

## 7760 Exploring Computer Science (semester)

## Fee: \$10*

Exploring Computer Science is the newest class in the school. It was designed by both the University of California, and the University of Oregon in conjunction with industry giants like Facebook and Google. It takes the concepts of computer science and breaks them down into easy to understand lessons. We will learn computer problem solving with Legos. Have you ever thought about learning design flow with candy bars? The best part is you can get your Digital Studies credit from a class that is really fun, and you will look forward to coming to class every day.

## ELECTIVES

## 213 Peer Tutor (semester)

Preapproval by math teacher. Graded Pass/Fail
Math Peer Tutor: these tutors will help peers who need extra support in math. Student application, satisfactory citizenship and teacher approval required.

## Graded Pass/Fail

Peer Tutor Support Classes: these students help other students who have special or behavioral needs. Responsibilities may include accompanying them to general education classes such as Art and PE, working in a small group setting, or helping a student one-on-one with individual academic goals. Students may be assigned to either an Essential Elements or Social Behavioral classroom. Students assigned to Essential Elements may miss classes occasionally due to responsibilities with extracurricular activities. Satisfactory citizenship required.

## 216 Pep Squad (semester)

Uniform Fee: \$50*
Pep Squad is a class designed to foster school spirit and allow more students the opportunity to participate in and learn about
cheerleading. Together with the Cheerleaders, students taking Pep Squad will learn cheers and dances and participate by cheering at home games and participating in half-time performances. Attendance at home games is mandatory. This is not a competition squad, and it is open to any student interested in participating.

## 220 Student Government (year)

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 an advisor. Student Government plans and directs 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. Admission is by election and/or application only.

## 221 Cheerleaders (year)

Please see advisor for more information.

## 408 National Academic League (semester)

## Fee: \$25*

The NAL class is meant to expose students to the ideas and concepts that are learned through participation on the NAL team. The NAL team competes against other Jr. Highs in an academic competition that closely resembles a sporting event. Students learn important aspects of team sports such as teamwork, cooperation, competitiveness, and strategy while they learn important academic strategies such as problem solving and critical thinking. Students do not need to be on the team to be in this class. However, the goal of this class is for students to learn these important principles. This will be done through researching a variety of topics, creating situations that simulate NAL game play, and by participating in those activities.

## 850 Released Time LDS Seminary (year)

This is a non-credit course
Students are released for a course taught by teachers employed by The Church of Jesus Christ of Latter-day Saints.

## 4531 Current Issues (semester)

Become an advocate of public policy and a voice of reason by learning about current events with your peers. In our current event class, students will learn how events in their community, state, nation, and from around the world relate to them and impact their lives. We will identify issues, compare viewpoints about each issue, and understand how each event influences the world in which we live. Students will be expected to have access to a daily local newspaper, local and national news broadcasts, and the internet. Together we will learn that responsible citizenship is not only a privilege but a civic duty.

## 6609 STEM Explorations (semester)

Lab Fee: \$15*
STEM Exploration is a semester program providing junior high students with challenging opportunities to learn science, be a part of active and collaborative learning environments, and receive encouragement to pursue science-related careers. Our STEM Exploration class consists of a series of individual and group activities where students create, design, problem-solve, build projects, perform experiments, but most of all, have a positive and fun science experience.

## 6600 Hacking STEM (semester) - prerequisite STEM Explorations

Lab Fee: \$15*
Hacking STEM is an advanced course that builds on STEM Explorations. It is an enrichment course that prepares students to develop and improve critical thinking skills, creativity, collaboration skills, communication skills, and character. This also includes breadboarding, excel, circuitry, Arduino, real world data, real world problem solving and other engineering practices, as well as advanced technology resources. In this elective course students will participate in inquiry-based science and engineering processes by using hands-on activities and research experiences. These will aid in the development of relevant skills, which will benefit students in the classroom and beyond. This course is recommended for students who have prior experience with STEM classes, engineering, coding, etc.

## 4055 English 9 (year)

Instruction in this course will focus on the development of skills and concepts in reading, writing, speaking, and listening, and language. Students will study a variety of literary and informational texts both in and outside of class. Shakespeare is introduced. Students will improve their vocabulary, grammar, and research skills. Argumentative, informative, and narrative writing is still emphasized, including production and distribution.

## 4060 English 9 Honors (year)

This academically rigorous course is for highly motivated 9th grade students interested in following honors, CE, or Advanced Placement programs who wish to experience a curriculum with more depth, complexity, and higher-order thinking skills. This class continues the expansion of highly developed skills and concepts in reading, writing, speaking and listening, and language. Students will study a variety of literary and informational texts in class and out of class. Shakespeare is introduced. Students will improve their vocabulary, grammar, and research skills. Argumentative, informative, and narrative writing is still emphasized, including production and distribution. Students will expand their knowledge of subjects by advanced curriculum and extension projects.

## 4335 Creative Writing 1 (semester)

Students will receive an overview of literary techniques and practice using them to write stories and poems. Students will read and analyze works of creative literature. Students will write in their journals daily, share their work with each other, and complete a few extended pieces of writing.

## 4340 Creative Writing 2 (semester) - prerequisite Creative Writing 1

Creative Writing II incorporates skills and information learned in genre writing from Creative Writing I and takes it to the next level. Personalize your learning and your writing, create your own style, play with perspective, format, and online apps for genres you love, like poetry, narrative, mystery, science fiction, etc. Publish your work online or record yourself reading your own story to create the mood and tone you want. Want to try out that novel you have always wanted to write? Creative Writing II will give you the confidence you need to give it a shot! Try a blog, create a Podcast, or seek ways to make your writing pay you for the time you put into it!

## 4345 School Newspaper Editor (semester) - prerequisite School Newspaper Preapproval by advisor

This course is a more in-depth continuation of Journalism 1. Students are responsible for the planning, design, and publication of the school newspaper. Journalism 2 students may apply for leadership positions as editors and staff managers. As leaders, they will enforce deadlines, edit peer's work, and determine content.

## 4360 School Newspaper (semester)

This course provides opportunities for students to engage in an examination of Journalism and the news writing process. Students are responsible for the planning, design, and publication of the school newspaper. This production process will involve feature writing, page/graphic design, and photography. Good writing skills and a working knowledge of grammar are required.

## 4385 Debate 1 (semester) - prerequisite Speech 1

Current world issues provide the context for Debate 1 which is designed for students who have experience or are students who want to further develop their presentation and argument skills through simulation and competition preparation for a variety of possible individual and team events (including high school debate, Mock Trial, Model European Union and United Nations, Poetry Out Loud, etc.). Grade will be based on class leadership, participation, and in-class competitions.

## 2105 Art Foundations 9 (semester)

## Fee: \$15*

Art Foundations is an introductory art class offered to $9^{\text {th }}$ graders who have not previously taken an art course. This course studies composition, the elements of art, and the principles of design through drawing, painting, and printmaking. Students will explore a broad variety of art tools, techniques, and materials while mastering each art concept.

## 2106 Advanced Art Foundations 9 (semester) - prerequisite Art Foundations 1 or 2, or Art Foundations 9

 Fee: \$15*Advanced Art Foundations 9 is an advanced course for $9^{\text {th }}$ graders who have previously taken an art course. Students will study art history and learn from master artists (from ancient Egyptian art to contemporary art) to create their own drawings, paintings, and prints. Students will explore a broad variety of art tools, techniques, and materials.

2110 Drawing 1 (semester) - no prerequisite required, but this is an advanced class and is not recommended for beginners Fee: \$15*
Drawing is one of the advanced art classes offered at the junior high level. Students will improve and refine their drawing skills by studying art concepts like proportion and value. Students will learn how to draw many different subjects: e.g., still life objects; nature and landscapes; portraits and figures; animals; and more. Students will create art in a variety of art media and will complete drawings, paintings, and prints. With an emphasis on studio production, this course is designed to develop higher-level thinking, art criticism, art history, and aesthetics.

## 2112 Ceramics (semester)

## Fee: \$15*

Students will create clay sculptures and functional pottery using a variety of techniques such as pinch, slab and coil building. Focus will be on hand building with 4-5 days of wheelwork. Students will expand their knowledge of decorative possibilities of graffito, imprinting, and glazes. Instruction stresses imagination and creativity, with a focus on the importance of craftsmanship. Students will plan, create, analyze, and evaluate their work and the work of master ceramic artists.

## 2123 Commercial Art 1 Yearbook (year) - by Application Only

Fee: \$10*
Yearbook/Commercial Art 1 is an introduction to the basic skills and techniques of yearbook production. Graphic design, news gathering, reporting, printing, photography, ethics, etc. are explored. The school yearbook is a product of this class. A maximum of 30 students will be accepted. An application must be completed.

## 2201 Band 1 Beginning (year) - Brass, Percussion, Woodwinds

Beginning Band 1 is beginning instruction in playing an instrument. Emphasis is on tone production, note reading, and basic skills of playing a musical instrument. For brass and woodwind instruments, no experience is necessary. Instruments include trumpet, trombone, French horn, baritone, tuba, flute, oboe, clarinet, bass clarinet, bassoon, alto saxophone, and tenor saxophone. The French horn, baritone, and tuba are available from the school to rent. A limited number of oboes, bass clarinets, tenor saxophones, and bassoons are available from the school to rent. No drum set playing is taught.
Students must have one or more years of piano lessons to be considered for the percussion section. Instrument selection will take place following registration under the supervision of the Director of Bands. Summer Band or private lessons are encouraged. Some instruments are available for rent from the school for $\$ 95.00$. The fee covers the year and should be paid during registration in the fall. All Beginning Band students will participate in the Fall, Christmas, and Spring concerts.

2211 Band 2 Brass (year) - prerequisite Band 1 Brass
Band 2 - Brass will be an expansion of skills and knowledge learned in the beginning class. Emphasis is on personal skill development, improvement in note reading, rhythm reading, and tone production. Festivals and solo experiences are introduced at this level. The full band experience will be at concerts and festivals.

2212 Band 2 Woodwind (year) - prerequisite Band 1 Woodwind

Woodwinds will be an expansion of skills and knowledge learned in the beginning class. Emphasis is on personal skill development, improvement in note reading, rhythm reading, and tone production. Festivals and solo experiences are introduced at this level. The full band experience will be at concerts and festivals.

## 2213 Band 2 Percussion (year) - prerequisite Band 1 Percussion

## Fee: $\mathbf{\$ 5 0}$ for school percussion instrument rental*

Band 2 - Percussion will be an expansion of skills and knowledge learned in the beginning class. Emphasis is on personal skill development, improvement in note reading and rhythm reading. Additional percussion instruments are taught at this level. Festivals and solo experiences are introduced at this level. The full band experience will be at concerts and festivals.

## 2214 Jazz Band (year) - By Audition Only

## Fee: TBD

Jazz Band is a class designed for students who want to explore music more fully. Emphasis will be placed on listening skills, music theory, jazz scales, jazz articulations, and improvisation. Students will have performances throughout the year and will play at other special events. Students enrolled in Jazz Band must also be enrolled in another full-year music class. Jazz Band is a zero-period class which means they meet before school.

## 2220 Band 3 Advanced (year)

## Fee: $\$ 95$ for school percussion instrument rental (this fee applies only to percussionists)*

Refinement of musical skills, higher levels of performance, aesthetic judgment and music appreciation are emphasized at this level. Ensemble performances, musical styles, historical period, band literature, chamber music, solo and ensembles, and creative development are a priority.

## 2304 Beginning Mixed Choir (semester)

Uniform Fee: \$20*
In this class, boys and girls will learn the basics of vocal technique, sight-reading, part-singing, and music fundamentals. This is one semester class. Students will perform at choir concerts during the semester.

## 2310 Advanced Choralaires (year) - By Audition Only

Uniform Fee: \$20*
In this class, girls will perform more advanced literature and will continue their learning of vocal technique, sight-reading, part-singing, and music fundamentals. They will perform at several concerts during the year.

## 2310 Advanced Concert Choir (year) - By Audition Only

Uniform Fee: \$20*
This is Legacy junior High School's most prestigious choir. Students accepted into this class are expected to maintain the highest standards of good rehearsal technique and behavior. In this class, singers will perform more advanced literature and will continue their learning of vocal technique, sight-reading, part-singing, and music fundamentals. They will perform at several concerts during the year and will compete at district festivals.

## 2310 Advanced Legacy Madrigals (year) - By Audition Only

Uniform Fee: \$20*
In this class, students will perform advanced classical choral literature and will continue their learning of vocal technique, sight-reading, part-singing, and music fundamentals. They will also dance and perform "show choir" style music. In addition to their performances they will join with the Legacy Concert Choir performing at all concerts and district festivals during the year. (Although not registered for the Legacy Concert Choir class, the Lady Madrigals are considered part of the Legacy Concert Choir and will learn their literature and join them for all their performances. Registering for an additional Legacy Concert Choir is encouraged but not required.)

## 2316 Music Exploration (semester)

Music Exploration is an introduction to music. Concepts learned will include the history and development of music, instruments, basic music theory fundamentals, listening, performing, analyzing, and creating music, and exploring career possibilities.

2405 Orchestra 1 (year)
Orchestra 1 provides meaningful experiences in music by teaching students to play orchestral string instruments. Emphasis will be on playing position, basic tone production, rhythmic precision, interpretation of music symbols, bowing techniques, and care of the instrument. Sixth Grade Orchestra or summer private lessons are strongly encouraged. Some instruments are available for rent from the school for $\$ 95.00$. The fee covers the year and should be paid during registration in the fall. All Beginning Orchestra students will participate in the Fall, Christmas, and Spring concerts.

2406 Orchestra 2 (year) - prerequisite Orchestra 1
Orchestra 2 reinforces and expands upon the concepts learned in Orchestra 1. Emphasis will be placed on developing bowing techniques, finger patterns, musical notation, and interpretation of musical signs. Festivals and solo experiences are introduced at this level. The full orchestra experience is introduced during the fourth term.

## 2502 Theater 1 (semester)

Theatre 1 is designed to increase students' knowledge and skill in the world of theatre. Students will learn to improve their knowledge and ability in basic drama techniques. This class requires creativity, experimentation, and open-mindedness. Students will gain basic acting skills, learn general theatre terms and history, and apply their knowledge through formal and informal performances.

2503 Theater 2 (semester) - prerequisite Theatre 1
Theatre 2 is for a student who is intrigued and wants to explore more elements of theatre. It is designed to be a deeper exploration of the art of theatre and all the people who help create this art. Students will work on advanced drama techniques and build acting skills through many formal and informal performances that may include a musical theatre performance. Students learn skills for playwriting, theatrical design, acting, musical theatre, and exploring theatre history.

## 2508 Musical Theater (semester/year) - By Audition Only

## Fee: \$30*

Students in this class will rehearse and participate in the school's musical production, which is a graded requirement of this course. After-school practices, performances, and festivals are required. Students must audition for this class. Based on a student's role in the production, this will be a semester or year course.

## 2514 Musical Theater Stage Crew (year)

Fee: \$20* Preapproval by course instructor
Students who are accepted in the class will learn basic skills and requirements needed to assist in assemblies and performances both during school and evenings. Helping run the technical elements of the school's musical is a huge requirement and responsibility of stage crew. Students will learn about stage construction, costume/make-up design, as well as lighting and sound. After-school performances will be required.

## 2606 Dance 1 Ballroom Fine Arts (semester)

Ballroom Dance will be social and fun all in one class; who would have thought? This FUN co-ed class is designed to introduce students to basic social dances as well as today's popular youth dances. Students will work with partners as well as in groups to learn basic steps and dance choreography. Come and learn how to incorporate dance into an active and healthy lifestyle. Bring one friend or bring them all, Ballroom Dance is where it's at!

## MATHEMATICS

## 5200 Secondary Math I (year)

The Secondary Mathematics I Course (ninth grade core) will focus on developing a solid understanding of function and use that understanding to explore many examples of functions, including sequences. It will deepen and extend understanding of linear relationships and connect that understanding to exponential functions. It will build on prior experiences with data to develop formal methods of data analysis. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas will be tied together.

5205 Honors Secondary Math I (year)
The Secondary Mathematics I Honors Course will cover all the concepts in the Secondary Mathematics I course. Concepts will be explored in greater depth with increased use of contextual situations. In addition, it will include concepts dealing with vectors and quantities of vectors and matrix operations and their applications. This course will include elements that will prepare students to take Calculus in high school. This course will have increased rigor and advanced content that will challenge the minds of high ability students.

## 5305 Honors Accelerated Secondary Math II (year)

(This class is only for 9th graders who are on the accelerated track who showed proficiency in Honors Secondary Math I.) The Secondary Mathematics II Honors Course will cover all the concepts in the Secondary Mathematics II course. Concepts will be explored in greater depth with increased use of contextual situations. In addition, they will study 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. This course will include elements that will prepare students to take Calculus in high school. This course will have increased rigor and advanced content that will challenge the minds of high ability students.

## 400 Secondary Math I Extension (semester)

This class is designed to give students extra support for their regular math class. Class time will be used to reteach and clarify concepts taught the day before. We will work together to complete and review homework assignments. In-class activities and practice will be used to reinforce math concepts, but no additional homework will be given. Select students are placed in this class by counselors and administrators. There is limited space in this class, so we use a variety of data sources to determine which students need this class the most before placing students in it.
Students are placed in this class by administration and counselors.

## PHYSICAL EDUCATION

## 1022 PE Skills and Techniques 9 (semester) <br> PE Uniform: \$10

PE Skills \& Techniques focuses on participation skills and techniques in a variety of team sports, individual sports, and games. Emphasis is on improving and maintaining physical fitness.

## 1040 Lifetime Activities 9 (semester)

This one-semester course provides students the opportunity to set and achieve their personal health and fitness goals by developing and following an age-appropriate personal fitness program, which will include cardiovascular fitness and strength training as well as flexibility, speed, agility, and nutrition. This course is provided for 9th graders, and students will earn 0.5 PE elective credit. While this class does not fulfill the "Fit-For-Life" graduation requirement, it does earn PE credit toward high school graduation.

## 1040 Lifetime Activities 9 Ballroom (semester)

Ballroom Dance will be social and fun all in one class; who would have thought? This FUN co-ed class is designed to introduce students to basic social dances as well as today's popular youth dances. Students will work with partners as well as in groups to learn basic steps and dance choreography. Come and learn how to incorporate dance into an active and healthy lifestyle. Bring one friend or bring them all. Ballroom Dance is where it's at!

## 6200 Biology (year)

Lab Fee: \$10*
Students who take this class will earn one unit of Biology credit through laboratory experiences, investigational research field work, and problem-solving techniques. This class focuses on the structure of cells and DNA, and how these structures affect the function of living things; how genetic information carried in DNA is passed from parent to offspring; the evolution of species over time through processes of natural selection; and ecological interactions between living things and their environment, and how this leads to extinction of some species.

## 6300 Earth Science (year)

Lab Fee: \$8*
This class meets the general science requirements for ninth grade. The course explores Earth, geological change, and the interaction of atmosphere, hydrosphere, and biosphere. This course builds upon students' experience with integrated science in grades seven and eight and is the springboard for success in biology, chemistry, geology, and physics. Two primary goals associated with the understanding of how systems interact are: (1) students will use science as a process of obtaining knowledge based on observable evidence, and (2) students' curiosity will be sustained as they develop the abilities associated with scientific inquiry.

## 6330 AP Environmental Science (year)

## Lab Fee: \$10*

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics across science disciplines (geology, biology, chemistry, meteorology, etc.), but also math, geography, social sciences, and language. Students interested in this course should be highly motivated and have previously earned high grades and test scores in their own classes. Because this in a college level class it will be fast paced and rigorous.

## SOCIAL STUDIES

## 4520 Geography (year)

This course covers physical and human geography for the entire world. It includes cultural, economic, and political geography in greater depth and breadth than the semester program as we make connections and seek to understand the interconnectedness of the various cultures of the world. Geography skills, including map reading and understanding charts and graphs, will be practiced as we study the world.

## 4590 AP Human Geography (year) Strong writing skills recommended

The purpose of A.P. Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students will also learn about the methods and tools geographers use in their science and practice. This is a college level class which will challenge students to learn quickly, develop an integrated view of the world, and learn to write clean, clear, and well thought out essays in a timed testing environment. All elements in the class are designed to help students become comfortable with the testing format, work well in timed conditions, and learn to write clear justifiable answers to essay questions. Students may earn college credit by passing the A.P. test exam in the spring. This is a college level course and may require up to 2 hours of homework per night.

## WORLD LANGUAGES

If a student earns an A or B in a level 1 or 2 language class, it fulfills the World Language requirement for the University of Utah. Classes can be taken grades 7 through 12 to fulfill the previously mentioned requirement. No other university in Utah requires world language for admittance. The state sponsored Utah Promise Scholarship requires two years of a foreign language in grades $9-12$. Language courses, like any other instructional course, cannot be retaken unless recommended by teacher.

## 3110 Spanish 1 (year)

## Recommended: Average to above average skills in English reading and writing.

Spanish 1 is an introduction to the four basic language skills of listening, speaking, reading, and writing. Emphasis is on the use of simple vocabulary in real life situations. Basic grammar is also introduced. The culture, history, and geography of the Spanish speaking countries and areas are introduced.

3120 Spanish 2 (year) - prerequisite Spanish 1
Recommended: Novice mid proficiency in Spanish 1
Spanish 2 adds to the knowledge and skills received in level 1. More emphasis is placed on accuracy and proficiency in speaking, writing, listening, and reading. Study of related culture, history, and geography continues in this course.

3130 Spanish 3 (year) - prerequisite Spanish 2
Recommended: Novice high proficiency in Spanish 2
Spanish 3 is an intermediate course that focuses on using the language in authentic situations in speaking, writing, listening, and reading. Students will begin to recognize and use past tense along with present tense. The study of related culture and history continues in this course.

## 3152 Dual Language Immersion Spanish 5 (year)

Limited: Spanish Immersion Students Only
This course builds on language skills acquired in Spanish DLI 3 and 4. Structure and vocabulary is taught using authentic texts. Student proficiency will increase through the study of the AP Spanish themes. Students will prepare to take the AP exam at the end of the school year.

## 3210 French 1 (year)

Recommended: Average to above average skills in English reading and writing.
French 1 is an introduction to the four basic language skills of listening, speaking, reading, and writing. Emphasis is on the use of simple vocabulary in real life situations. Basic grammar is also introduced. The culture, history, and geography of the French speaking countries and areas are introduced.

3220 French 2 (year) - prerequisite French 1
Recommended: Novice mid proficiency in French 1
More emphasis is placed on accuracy and proficiency in the four basic skill areas. Study of related culture, history and geography of French speaking countries continues.

3230 French 3 (year) - prerequisite French 2
Recommended: Novice high proficiency in French 2
French 3 is an advanced course. Students will begin to use and recognize past and future tenses in French. Study of related culture, history and geography continues. An increased emphasis in proficiency and accuracy improves skills in all four areas. This year completes the overview of the French culture at the junior high level.
*Fees are subject to change based on approved 2020-2021 Junior High Fee Schedule

