

9th GRADE COURSE DESCRIPTIONS 2022-2023

ENGLISH 9 (year) – This course develops language skills in the areas of reading, writing, and inquiry. Students will read both fiction and non-fiction, write in a variety of genres, work on improving their vocabulary, and learn and practice good grammar skills. There is a heavy emphasis on becoming an effective writer.

ENGLISH 9 HONORS (year) – This is an accelerated class for students who excel in English. The pace is fast and the depth in some areas is extensive. Additional reading requirements and homework are part of the curriculum. Group and individual projects will be a part of each unit of study.

WORLD GEOGRAPHY (sem.) – Students will study various cultures of the world, including lifestyle, political and social trends, and advancing technology. It will utilize skills to understand the practical application of geography to everyday life through the use and study of maps.

WORLD CIVILIZATIONS (sem.) – This class combines geographic study with world history. The course studies people, places, events, cultures, and environments. Students will examine the human experience in at least six spheres of human activity as well as understand how geography relates to life.

AP HUMAN GEOGRAPHY (year) - Advanced Placement Human Geography has something for everyone: It combines sociology, geology, religious studies, economics, political science, history, statistics, engineering, language arts, and, of course, geography!

- This is a college level class! It will be hard! But you can do hard things!
- There will be nightly homework, reading and/or test prep.
- You can get college credit if you pass the AP test.
- You do not have to take the AP test to take this class, but I highly encourage it!

If you have any questions, please email Vanessa Wagstaff at vwagstaff@gmail.com

SECONDARY MATH 1 (year)– Students will deepen and extend understanding of linear relationships, in part by contrasting them with exponential phenomena, and in part by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. *(After Secondary Math 1, 2, and 3 students will be prepared to take Pre-Calculus in 12th of high school.)*

SECONDARY MATH 1 EXTENDED (year) – This course is the same as Secondary Math 1, with the addition that extended students will represent quantities, model, and perform operations using vectors and use matrices to perform operations and solve problems.

SECONDARY MATH 2 ACCELERATED (year)–*(Students must pass Intermediate Math 2 Accelerated with a B- average or higher.)* Students will focus on quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, link probability and data through conditional probability and counting methods, and study similarity, right triangle trigonometry, and circles with their quadratic algebraic representations. Students will also represent complex numbers and their operations on the complex plane, solve systems of equations, prove and apply trigonometric identities, and solve problems using volume measurements.

EARTH SCIENCE (year)- Earth and space science standards investigate processes and mechanisms that have resulted in the formation of our Earth, galaxy, and universe. Students develop models to illustrate the life span of the Sun and the role of nuclear fusion. Students analyze and interpret data to construct an explanation for Earth's 4.6 billion year history and explore changes to Earth's systems. Students develop and use a model of Earth's interior to describe the cycling of matter by thermal convection. Students plan and carry out an investigation on the properties of water to determine its effects on Earth materials. Students use computational thinking to explain sustainable and natural resources, focusing on responsible stewardship. Class fee: \$4/semester.

BIOLOGY (year) - The study of life including how living things interact with their environment, the structure and function of life, how living things pass traits down to offspring, and how living things change over time. Class fee: \$4/semester.

P.E. PARTICIPATION SKILLS & TECHNIQUES 9 (sem.)– Skills and techniques in individual sports are the curriculum. Students will also develop and assess their personal physical fitness. This class is required for high school graduation. Can only be substituted by a conditioning class if the student is required to go to the high school to play in a varsity sport. A Lehi Jr. PE uniform is required. Class fee: \$20. Class fee will cover several individual sport activities.

WEIGHT TRAINING (sem.) – This class is designed for athletic and motivated students to tone, shape, and strengthen the body. This is a great opportunity for student athletes to increase conditioning levels and strength. Students will learn how to create a personalized training program and develop physical fitness skills that will become a lifetime habit. This class cannot replace P.E. Skills.

ART FOUNDATIONS 2 (sem.)- Students will explore the elements and principles of art and how they are used to create works of art. Students will learn basic drawing skills that they will apply to a variety of media such as: graphite (pencil), charcoal, ink, colored pencil, and pastel. A variety of subject matter will be covered including: still life, perspective, abstract, and symbolism. Class fee is \$14.

CERAMICS 1 (sem.)- (*Pre-req. Intro. to Ceramics*) Students will apply the basic skills learned from the Intro to ceramics class to create three-dimensional works of art. This course is designed to develop critical thinking and creative skills. The class fee is \$12

CERAMICS 2 (sem.)- (*Pre-req. Ceramics 1*) Students will apply the skills learned from ceramics 1 to create three-dimensional works of art. This course is designed to develop higher levels of critical thinking and creative skills. The course is focused on creating meaning in students' projects. Ceramic 1 is a prerequisite for this course. The class fee is \$12

BEGINNING BAND (year) - *No previous musical experience required.* This course will introduce students to music and teach them basics. The students will perform 2-3 concerts this year. Instrument rental and method book required. Class fee \$22.50/semester

SYMPHONIC BAND (year)- (*1 year of BAND required*) This group further develops and refines the skills learned in the Concert and Beginning Band. Students will perform 6-8 times, including field trip festival performances. Instrument rental or purchase required. \$50/year

WIND SYMPHONY (year)- (*Audition Required*) This is our top band ensemble for students who have auditioned. Students will perform 6-8 times, including field trip festival performances. As our most advanced ensemble, musical expectations are high while playing challenging--yet exciting--music (private lessons strongly recommended). Instrument rental or purchase required. Class fee \$75/year.

BEGINNING PERCUSSION (year)- (*Audition Required*). Students interested in this class should have previous instruction on piano or another musical instrument and be able to read music. Students will be required to purchase or rent a small portable Marimba or Bell Kit (mallet instrument, instrument stand, drum pad, sticks and mallets). Students will perform in 3- 4 concerts per year. Class fee \$90.00/per year.

INTERMEDIATE PERCUSSION (year)- (*Audition Required, Pre-req: Beginning Percussion*) Students who completed Beginning Percussion will play along with the Symphonic Band or Wind Symphony, with a percussion instructor who works individually with them half of the time. Students should register for Symphonic Band pending their audition into Wind Symphony. Class fee \$35.00/per semester.

GUITAR (sem)- *STUDENTS MUST PROVIDE THEIR OWN ACOUSTIC GUITAR, Pre-requisite: Complete 1 music ensemble class (Choir, Orchestra, or Band)*. This fast-paced course is designed to help beginning guitar students establish an understanding of musical basics including: music terminology, reading standard notation, TAB, Chord progression, and ensemble performance. Requirements for this course include: Access to the internet at home (in order to complete homework), perform in one concert. Class fee: \$10

HANDBELL CHOIR (year)- (*Audition Required*) This 20 member handbell choir will perform in multiple concerts and venues. Students must have three years of piano or another instrument. Excellent citizenship and a high level of involvement is expected. Teacher approval is required. Class fee: \$47.50/semester

INTERMEDIATE CHOIR (sem.) - This choir is open to students who wish to continue singing at the intermediate level. Students will experience rehearsal and performance techniques through a wide range of choral music styles. This course will provide the learning necessary to prepare students to be lifelong singers and literate musicians. One Concert and one festival is required. Performance outfit will be semi-formal. Class fee: \$15 per semester.

CHAMBER CHOIR, "BELLA VOCE" (year)- (*Audition Required*) This select women's choir performs a wide range of choral literature. This course is designed to broaden the student's skills in music, singing, rehearsal & performance. Requirements for this course include: Performance uniforms, instructor approval, audition, and a participation fee. Students are expected to perform in assigned concerts, performances and festivals. Ladies in grades 8 & 9 are welcome to audition. Class fee: \$40/semester.

AUDITIONED MIXED CHOIR, "VIVACE" (year)- *Requirements for this course include: Performance uniforms, instructor approval, audition, and a participation fee.* This advanced group of singers has been selected as some of the finest in their class. Excellent student citizenship and involvement is expected. This course is designed to broaden the student's musical skills at an advanced level as well as prepare students to become lifelong singers and literate musicians. Students are expected to perform in assigned concerts, performances and festivals. Class fee: \$40/semester

ORCHESTRA-BEGINNING (year) - This course provides opportunities for students to learn to play a string instrument. They will develop their musical potential as well as build friendships and connections with other students in the class. Students must own or rent a stringed instrument and practice every week. This class requires a high level of commitment. Class fee: \$10/semester

ORCHESTRA-INTERMEDIATE (year) - (*Audition and Teacher Approval Required*) This is an ensemble of intermediate string players directed toward performing the finest in classical and contemporary music. Students will learn a variety of music and continue to build skills for playing their instrument. This class requires a high level of commitment as they will represent our school in several performances. Students should have at least 1 year of previous string instruction. Class fee \$30/semester

ORCHESTRA-ADVANCED (year) - (*Audition and Teacher Approval Required*) This is an ensemble of advanced string players directed toward performing the finest in classical and contemporary music. Students will learn a variety of music and continue to build skills for playing their instrument. This class requires a high level of commitment as there are many opportunities for students to perform and represent our school. Students should have at least 2 year of previous string instruction. Class fee: \$45/semester

KALEIDOSCOPE (sem.)- (Dance Peer Tutors)

Applications available at the Guidance Office.

Peer tutors need a 3.0 GPA, 8th or 9th grade, have taken dance at school, and completed the application by March 18th.

SOCIAL DANCE (sem.)- Learn the basics of social partner dancing waltz, cha cha, folk dancing, and triple swing.

MUSICAL DANCE THEATRE 1 (sem.)- *No prerequisites*. Explore the world of Musical Dance Theatre through research, singing, dancing, theatre, and a culminating performance at the end of the semester.

MUSICAL DANCE THEATRE 2 (sem.)- *Prerequisite MDT-1*. Continue in the study of the world of Musical Dance Theatre doing small group, solo work, with a culminating performance at the end of the semester.

INTRODUCTION TO DANCE (sem.)-This course students will develop an understanding of technique and elements of modern dance. They will also develop a basic understanding of dance history, cultures, composition, choreography, and performance skills. Dance clothing is required.

DANCE 1 (year)- This course students will develop a further understanding of technique and elements of modern dance. They will also develop a basic understanding of dance history, cultures, composition, choreography, and performance skills. Performances out of class are required. Dance clothing is required.

DANCE 2 (year)-

**Pre-Req: Intro to Dance, Dance 1 or by audition.*

**Audition March 18th by appointment*

Dancers who have solid dance techniques, basic understanding of elements of modern dance, and hard work ethic will blend their knowledge with various genres of dance and culture dances from around the world. Students will develop choreographic skills, improvisational processes, and create and teach dances to their peers. Performances outside of class are required. Dance clothing is required.

DANCE 3 (year)-

**Pre- Requisites: Dance 2 or by Audition for 8th and 9th graders only.*

**Audition March 18th by appointment*

Students will continue to learn and explore technique and the elements of dance in the context of dance history and culture. Through instruction, students will continue to hone choreographic skills and improvisation processes. Students will also have the opportunity to choreograph, perform, and grow as dancers. Performances outside of class are required. Dance clothing is required.

LEHI JR. DANCE COMPANY (year)-

**Audition only*

**Audition March 18th by appointment*

This class will represent LJHS in various performances. Students should be hard working and dedicated to a creative performance dance group. Intermediate to advanced technical and choreographic skills are required. Must be willing

to put in extra time and maintain a good GPA. Some early morning rehearsals may be required. Class fee is \$100 plus dance clothing.

DRAMA 1 (sem.)- *Prerequisite of Drama Foundations, MDT or Drama & Film*

More extensive study of the world of theatre through monologues, scene work, and audition preparation.

DRAMA 2 (sem.)- *Prerequisite DRAMA 1*

Must have taken drama 1. More in-depth study of stage work.

DRAMA & FILM (sem.)- Beginning with the history of film, then proceeding through the semester studying and comparing differences of theatre elements and film elements. Including storyboarding and filming.

STAGECRAFT (sem.)- *Application required and available at the Guidance Center.*

Learn the other side of the theatre through stage management, sound, lights, costume, and scenery design.

POPULAR LITERATURE (sem) - Do you love to read? That's what this class is all about! Together we will read books that students are interested in. We will mostly read for fun, but we will also work to strengthen our discussion skills, learn about different reading strategies, and showcase our learning with creative projects.

MYTHOLOGY (sem.) - Have you ever read a story with Greek or Norse gods, and were left wondering what the real stories were about? Mythology is a class where we dive deep into Greek, Norse, and other world mythologies. In this class we will read excerpts from "Greek Gods" and "Greek Heroes" by Rick Riordan, "Norse Mythology" by Neil Gaiman, and other mythology texts. A lot of the topics discussed in mythology are only for students who can have mature academic conversations. Be ready to examine your own world beliefs in comparison with others. This class is not for the faint of heart

CREATIVE WRITING 1 (sem.)- Dive into the writing craft with experiences and activities intended to help you communicate your creative ideas better through writing. Explore what it takes to write great short stories and poetry, while also investigating other writing genres.

CREATIVE WRITING 2 (sem.)(*Pre-req. Creative Writing 1*)- This course builds on the experiences of Creative Writing 1. Dive deeper into the writing craft to find your own voice as a writer. Explore what makes writing compelling while writing your own works in multiple writing genres.

DEBATE (sem) - This is an introductory course for public speaking and debating techniques. This course will explore the competitive forms of debate in Utah schools, including: Spontaneous Argumentation, Impromptu Speaking, Extemporaneous Speaking, Oratory, Lincoln-Douglas, Public Forum, and Policy. Students will further skills in critical and analytical thinking while developing an understanding of current political and ethical issues.

ROBOTICS TECHNOLOGY (sem.)- This course is a lab-based, hands-on curriculum. Students will learn to design, build, program, and control robotic devices. Working in teams will be a part of this course. Other projects included in this course are: Ice cream engineering, 3D printing, graphic design, and laser engraving.

MANUFACTURING TECHNOLOGY (WOODWORKING) (sem.)- An introductory course where students use the Design Process to create projects of their own design. Projects include: C02 cars, making pens, laser engraving, and making log lamps. Safety tests will be part of the course. Machines used include: jointer, wide belt sander, radial arm saw, table saw, band saw, and routers as well as portable tools, hand tools, clamps and adhesives, abrasives and tools for applying a finish. Students are strongly encouraged to take Exploring Tech before taking this class. \$10 course fee.

BUSINESS OFFICE SPECIALIST (sem.)– *Note: Fulfills High School Digital Studies requirement.* Business Office Specialist or BOS will help students develop their computer application skills. Students will learn how to be productive using the Microsoft Office Suite. The class focus will be on learning productivity software such as MS Word, Excel, PowerPoint, Publisher, and Access. Students will complete assignments and tasks to learn about all of the benefits, tools, and features that these programs have. At the end of the course students will take the state test.

EXPLORING BUSINESS AND MARKETING (sem.)– This introductory course will focus on entrepreneurship, economy, finance, marketing, advertising, and accounting. Students will apply knowledge of these concepts by doing different assignments and projects throughout the course.

FOOD AND NUTRITION 1 (sem.)– Food and Fitness is the focus of this course which deals with basic nutrition. Topics covered include basic food preparation, MyPlate, carbohydrates, fats, vitamins, minerals and protein. Foods supplying these nutrients will be prepared each class. \$10 course fee.

INTERIOR DESIGN 1 (sem.)– This course allows students to use their creativity while applying the elements and principles of design in the exciting world of interiors. Students will work with floor plans, color schemes, textures and construct a small scale model of a room. Career opportunities related to housing and interior design will be examined.

SEWING CONSTRUCTION AND TEXTILES 1 (sem.)– This is an individualized course that prepares students with skills in the entire spectrum of clothing, apparel and textiles i.e., fashion and fabric selection; principles of clothing construction; selection; and clothing and textiles maintenance and care.

TEACHING AS A PROFESSION (sem.)– Teaching as a Profession is a semester course designed to help students learn about the role and characteristics of an effective educator. Students will observe and participate with elementary students and teachers in the classroom. Major topics include exploring current teaching methods and instructional strategies, assessments and when/how to use them, and how students learn and what instructional strategies can be implemented to assist all learners.

CREATIVE CODING (sem.) - Students will learn programming basics through Microsoft's Creative Coding Through Games and Apps curriculum. Students will learn to use variables, loop structures, decision structures functions, and parameters in fun and interesting ways.

INTRODUCTION TO PYTHON 1 (sem.)– This course is an introduction to the Python programming language for students with some understanding of coding. Python is a language with a relatively simple syntax and a powerful set of libraries. It is easier to learn for beginners than a number of other languages, while at the same time, it is widely used in many scientific areas for data exploration. Prerequisite: Students are strongly encouraged to take Creative Coding before taking this class.

EXPLORING COMPUTER SCIENCE (sem.)– *Note: Fulfills High School Digital Studies requirement* Exploring Computer Science is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational thinking practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues.

PEER TUTOR (sem.)- The overall mission of LJHS's peer tutoring program is to create awareness about people in our community with disabilities, and how best to support them. Those students who choose to enroll in Mr. Lindberg's Peer Tutoring program will provide support to students of the school's Life Skills program. Some tutors

will be asked to help students in their general education electives, while others will run instructional programs in the Life Skills classroom.

AIDE (sem.)- *(Pre-requisite of 3.0 GPA, teacher, office, librarian, or counselor approval required, Aide permission slips can be found in the Guidance Center)*. Assist a teacher, librarian, or secretary with tasks and errands. Must be responsible and have good attendance.

PEER MENTOR (sem.) - Students will tutor and mentor students in math, science, or computer classes. Students must have successfully completed the class they will be mentoring in. **(Applications required and can be found in the Guidance Center)**.

CHINESE 1 (year) - *(Pre-reg. 3.0 Grade Point Average)* Chinese 1 introduces students to appropriate use of Mandarin Chinese. Heavy emphasis is placed on listening and speaking skills, but students will also learn foundations of reading and writing characters. To help students become more fully immersed, we will discuss and experience Chinese culture, holidays, and traditions.

CHINESE 2 (year)- *(Pre-req. Chinese 1)* Chinese 2 expands students' abilities to communicate in Mandarin Chinese, further developing vocabulary, more advanced sentence structures and participation in everyday activities; discuss /experience more about everyday life , finding similarities, differences between their native and new culture.

FRENCH 1 (year) - *(Pre-reg. 3.0 Grade Point Average)* Students will acquire accurate pronunciation and habits of correct usage of the fundamental patterns of French. They will learn to read and write what they can say. Cultural lessons introduce French lifestyle, geography, cooking, art, and music. Students practice the skills by means of dialogues, reading selections, exercises and real-life practice.

FRENCH 2 (year)- *(Pre-req. French 1)* Emphasis is placed upon expansion of vocabulary while stressing reinforcement and amplification of accurate and fluent use of the structural elements of French. Narratives and dialogues are used to learn structure and vocabulary. Students gain an insight into the French culture and appreciation of French attitudes and interests and study French literature and other French speaking countries.

GERMAN 1(Year)*(Pre-req. 3.0 Grade Point Average)*—This course will help students begin to develop the communication skills of listening, speaking, reading, and writing in the German language and increase their interpretive, interpersonal, and presentational proficiency levels. They will learn and practice vocabulary and grammar structures through audio and video clips, dialogues, online games and programs, reading selections, and written exercises. They will also discuss and experience various aspects of German culture from holidays to sports and many things in between.

GERMAN 2(Year)-*(Prerequisite—German 1)* This course will help students continue to develop the communication skills in the German language and increase their interpretive, interpersonal, and presentational proficiency levels. They will learn and practice vocabulary and grammar structures through a variety of methods and tools. A variety of aspects of German culture including food, music, and so forth will continue to be included in this course.

SPANISH 1 (year) - *(Pre-reg. 3.0 Grade Point Average)* This class stresses the understanding of Spanish speaking, reading, and writing. Comprehensible input will be used during 1/2 of the class to aid in students' acquisition of vocabulary, pronunciation, grammar, and sentence structure. The other 1/2 of the class time focuses on 5 district thematic units. An Integrated Performance Assessment (IPA) will be required per district thematic unit. This includes a presentational, interpersonal, or written performance. We will also learn about the culture of Spanish-speaking countries. Spanish will be used 95% of the class time.

SPANISH 2 (year)- *(Pre-req. Must pass Spanish 1 with at least a C-)* Spanish 1 vocabulary and grammar will be reviewed. This class also stresses the understanding of Spanish speaking, reading, and writing. Comprehensible input will be used during 1/2 of the class to aid in students' acquisition of vocabulary, pronunciation, grammar, and sentence structure. The other 1/2 of the class time focuses on 5 district thematic units. An Integrated Performance Assessment (IPA) will be required per district thematic unit. This includes a presentational, interpersonal, or written performance. We will also learn about the culture of Spanish-speaking countries. Spanish will be used 95% of the class time.

YOGA (sem.)- This course will teach students the basics of yoga and mindfulness. We will learn and practice various poses and create different flows based on Vinyasa and Restorative practice. Students will also develop tools to calm the mind and body. This course is designed for students to practice yoga and mindfulness on their own once they leave LJHS. Comfortable clothing and yoga mat highly recommended.

YEARBOOK (year)- Being a member of Yearbook Staff takes commitment, self-motivation, and a lot of creativity! You will be creating the pages for the 2022-2023 yearbook. This requires taking pictures, making great graphics, and writing awesome captions of pictures! Most importantly, you'll need a good attitude, and a love of learning! We will be accepting 8th and 9th grade students on the yearbook staff. This class is a yearlong class (both semesters). Please pick up an application in Mrs. Quintero's classroom (142). Applications are due by April 29th.

SEMINARY/RELEASE TIME (Year)- Off-campus religious, individual enrichment activity. Also offered before school from 7:15-8:00 a.m. every day. Early Morning Seminary is limited to 30 students, and will be filled on a first come, first served basis. Students and parents interested in the Early Morning Seminary must register in person for the class at the Lehi High School Seminary building; they open each day at 7:30 a.m.

Please contact the following teachers for additional information/questions regarding specific classes:

AP Human Geography: Mrs. Wagstaff vwagstaff@alpinedistrict.org

Secondary Math 2 Accelerated: Ms. Pyper tpyper@alpinedistrict.org

Biology: Mr. Fredericksen afredersickson@alpinedistrict.org

Choirs: Mrs. Jill Smith jillsmith@alpinedistrict.org

Band/Percussion: Mrs. Abby Bates Smith marybates@alpinedistrict.org

Orchestra: Ms. Nelson marynelson@alpinedistrict.org

Stagecraft/Drama: Mrs. Hacking khacking@alpinedistrict.org

Dance: Mrs. Danneman amberpalmer@alpinedistrict.org

Intro to Python/Expl. Computer Science: Mr. Corbett mcorbett@alpinedistrict.org

Yearbook: Mrs. Quintero tquintero@alpinedistrict.org