

Early Light Academy

8th Grade Course Catalog 2024-2025

.5 = one semester or half a year course

1.0 = a full-year course

Social Sciences Requirement

U.S. History 8 (1.0) 8th

This course covers events and issues from the Age of Exploration through post-Civil War Reconstruction and the Westward movement, emphasizing the 18th and 19th centuries. Topics covered will include, but are not limited to exploration, colonization, the Revolutionary War, Constitutional issues, nation building, the Civil War, Reconstruction, and the Westward movement.

Language Arts Requirement

Language Arts 8 (1.0) 8th

This course, based on the 8th Grade Utah English Language Arts (ELA) Core Standards, is designed for grade-level instruction reading comprehension, writing, methods of inquiry, and the processes, skills, and strategies for effective communication. The course will provide an opportunity for students to learn the differences and similarities between different forms of writing (argumentative, informational, narrative). Students will also be reading and analyzing a variety of texts from fiction to nonfiction.

Language Arts 8 Basics (1.0) 8th (Placement Determined by Counselor)

This class provides specialized instruction and is based on the 8th grade Utah English Language Arts (ELA) Core Standards and is focused on building concrete writing skills with a focus on sentence fluency and type, reading comprehension, writing, methods of inquiry, and the processes, skills, and strategies of effective communication. We will be reading a variety of literature from historical fiction and informational text to non-fiction.

Language Arts 8 Honors (1.0) 8th

Prerequisite: Application required and available online

This course, based on the 8th Grade Utah English Language Arts (ELA) Core Standards, is designed for students who qualify for more advanced instruction in reading comprehension, writing, methods of inquiry, and the processes, skills, and strategies for effective communication. The course will provide an opportunity for students to learn the differences and similarities between different forms of writing (argumentative, informational, narrative). Students will also be reading and analyzing a variety of texts from fiction to nonfiction.

Tier II Reading 8 (0.5 or 1.0) 8th (Placement Determined by Counselor)

This class is based on 9th grade Utah English Language Arts (ELA) Core Standards and focuses on building comprehension, inference, sequencing and vocabulary skills. A variety of texts are used including fiction, historical fiction, informational and nonfiction.

Reading Basics 8 (1.0) 8th (Placement Determined by Counselor)

This class provides specialized instruction and focuses on 9th grade Utah English Language Arts (ELA) core standards and emphasizes comprehension, phonics, inferences, sequencing, vocabulary and editing written work. The text can include historical fiction, informational, nonfiction, or fiction.

Math Requirements (Full Year Math and Full Year Lab)

8th Grade Mathematics (1.0) 8th

In 8th Grade Mathematics, students will cover these topics:

- Real number operations (Exponents, roots and scientific notation)
- Manipulating and solving multi-step one variable equations
- Formulating bivariate data (meaning an equation with 2 variables) into a linear equation and solving linear equations/systems of linear equations.
- Using functions to describe quantitative relationships.
- Analyzing two- and three-dimensional space and figures using distance, angles, similarity, and congruence.
- Understanding and applying the Pythagorean Theorem.
- Finding the volume and surface area of cylinders, cones & spheres.
- Analyzing scatter plots and determining data distributions.

8th Grade Mathematics Honors (1.0) 8th

Prerequisite: Application required

The Honors course covers all the material of the above faster which allows other topics to be covered (e.g., 3D graphing and graph theory, fair division and apportionment, sets, and voting theory).

Secondary Math I (1.0) 8th

Prerequisite: 8th Grade Mathematics or placement test

The fundamental purpose of Secondary Math I is to formalize and extend the mathematics that students learned in the middle grades. The critical areas, organized into units, 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. Secondary Math 1 uses properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge from prior grades. The final unit in the course ties together the algebraic and geometric ideas studied. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Secondary Math I Honors (1.0) 8th

Prerequisite: 8th Grade Mathematics or placement test. Application required and available online.

Secondary Math I Honors covers additional concepts in more depth than the Secondary Math I course.

8th Grade Math Lab (1.0) 8th

All Math 8 or Math 8 Honors students are assigned a Math Lab. The lab covers additional material and reinforces the concepts introduced in the Math 8 / Math 8 Honors classes.

Secondary Math I Lab (1.0) 8th

This is the companion class to the secondary math classes and allows students a deeper exploration of the curriculum. This class will run similarly to the secondary math classes as students will continue to work through Secondary Math I or II curriculum during this course.

8th Grade Mathematics Basics & Lab (1.0) 8th (Placement Determined by Counselor)

This class provides specialized instruction and focuses on formulating and reasoning about expressions and equations, including modeling an association in bivariate data (meaning an equation with 2 variables) with a linear equation, and solving linear equations and systems of linear equations; grasping the concepts of a function and using functions to describe quantitative relationships; and analyzing two- and three dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. This class will also focus on basic number operations.

Science Requirements (Full Year Science and Full Year Lab)

Integrated Science 8 (1.0) 8th

The eighth grade science course focuses on science and engineering as a way to practice science in a classroom setting. It is a tour through many topics in science. We will explore how matter is arranged into either simple or complex substances. We emphasize how substances store and transfer energy, which can cause them to interact physically and chemically, provide energy to living organisms, or be harnessed and used by humans. We take a look at how matter and energy cycle and change in ecosystems through processes that occur during photosynthesis and cellular respiration. Additionally, we consider the way that substances that provide a benefit to organisms, including humans, are unevenly distributed on Earth, due to geologic and atmospheric systems. Some resources form quickly, allowing them to be renewable, while other resources are nonrenewable. We examine evidence which reveals that Earth's systems change and affect ecosystems and organisms in positive and negative ways.

Science Lab (1.0) 8th

This class is embedded within Integrated Science 8. With science held daily, this portion of the class integrates the experiments and hands-on activities that occur as a part of the science class. This is a required part of science in 8th grade.

CTE Requirement

Digital Literacy (0.5) 8th *required*

Students learn the skills necessary to use computers comfortably, while improving learning, productivity, and performance. This course offers a thorough introduction to computers, networks, and computer peripherals such as printers, digital cameras, and more, including understanding an operating system, working on a laptop versus a desktop, printing and understanding five traits that almost all applications share. In addition, basic procedures with software applications, email, the Internet and Internet security, privacy, and ethics are covered.

Physical Education Requirement

PE 8 (0.5) 8th *required*

This is a physical education course with emphasis on skills, knowledge, and participation in a variety of team sports, conditioning, and recreational activities. This will be a co-ed class.

Health Requirement

Health I (0.5) 8th *required*

This course develops the skills needed to improve the quality of life by helping students to cope with and solve problems, develop positive self-image, and make healthy decisions. The students will explore positive lifestyles, disease prevention, emergency procedures, media literacy, and alcohol and drug abuse prevention. This will be a co-ed class.

PHOENIX Advisory – Leadership/Homeroom

Phoenix Advisory (0.25) 7th, 8th, and 9th *required*

\$ Fee required

Students will earn elective credit for this course. Students attend this class Monday thru Thursday. It covers character education and leadership. Some of the curriculum that may be used: Leader in Me, Love and Logic, Suite 360, and Resilience curriculum. This is a required course at ELA. Students will have the same advisory teacher from 7th through 9th grade.

ELECTIVE COURSES

Fine Arts Electives- at least 0.5 is Required for All 8th Graders

Tenor/Bass Choir I (0.5 or 1.0) 7th, 8th, & 9th

\$ Fee required

Don't miss out on Tenor/Bass Choir! This class will be packed with energy and FUN! Yes, choir is FUN! We will sing songs from all over the world, from Bach to Rock! We will build powerful, amazing, healthy voices that can't be stopped! You will not have another class like it!

Soprano/Alto Choir I (0.5 or 1.0) 7th, 8th, & 9th

\$ Fee required

ELA's Treble Choir is an amazing opportunity for ELA girls to kick it up a notch! We will work to create amazing, strong, healthy voices and great musicianship! You are not going to want to miss signing up for this class!

Choir II Spotlights (1.0) 8th & 9th Co-ed

Prerequisite: Choir I Preferred

\$ Fee required

If you want to be involved in an amazing advanced class, this is a must for your schedule! In Spotlight Singers we study the care and cultivation of a beautiful vocal tone, aesthetic sensitivity, increasing the ability to read music, building technical vocal skills, team spirit, and responsible rehearsal habits. Spotlights consistently earns superior ratings at our festival and attends the State Festival in the spring.

Theatre II (0.5 or 1.0) 8th

\$ Fee required

In this class, students will improve their acting prowess through the study of advanced improv, musical theatre, play production, POW! (Phoenix Original Works) and more!

Intermediate Stage Crew (0.5) 8th & 9th

Prerequisite: Attend Tech Olympics the January of the school year prior

\$ Fee required

In this class, you will learn the art of technical theatre (lights, sound, costumes, stage management, etc.). Prepare to work hard and have the time of your life! No after school hours are required.

Advanced Running Crew (1.0) 8th & 9th

Prerequisite: Attend Tech Olympics the January of the school year prior

\$ Fee required

In this class, you will continue to learn the art of technical theatre (lights, sound, costumes, stage management, etc.). ELA Crew will be running all technical events happening in the theatre areas of ELA. Ten hours of crewing outside of class are required each quarter for this class. Prepare to work hard and have the time of your life!

Orchestra I- Beginning (0.5 or 1.0) 7th, 8th, & 9th

\$ Fee required

Are you ready to make some great music with your peers? This course is for students who are interested in playing the violin, viola, cello, or upright bass. You will learn to read music and play your instrument of choice with great technique. If you only take this class for half a year and are a beginner, sign up for Terms 1 & 2. There are four evening performances outside of class that are part of this course. Practice time outside of school is required. An instrument for use at home and school is required.

Orchestra II- Intermediate (1.0) 7th, 8th, & 9th

\$ Fee required

This ensemble is for students who have played the violin, viola, cello, or upright bass in Elementary Orchestra, Orchestra I or have studied privately for at least a year. **Entrance is determined by audition.** There are at least four evening performances outside of class that are part of this course. We will go on two or more field trips as part of the class. Practice time outside of school is required. An instrument for use at home and school is required.

Ukulele (0.5) Semester 1 Only, 7th, 8th, & 9th

\$ Fee required

Want to learn an instrument that you can take almost anywhere? This course is for students who are interested in playing the ukulele. We will learn to play chords, various strumming patterns, fingerpicking, ensemble playing, and how to accompany ourselves while we sing. Help is also given for those who want to write their own songs. Practice time outside of school is required. An instrument and tuner for use at home and school is required. This class can only be taken one time.

Guitar (0.5) Semester 2 Only, 8th & 9th

\$ Fee required

This class, created for beginning guitarists, invites you to come and stretch your budding musical talents! We will cover basic chords, strumming patterns, fingerpicking, ensemble playing, and how to accompany ourselves while we sing. Help is also given for those who want to write their own songs. This is a great next step after learning ukulele. Acoustic instruments only. Practice time outside of school is required. An instrument, picks, and tuner for use at home and school is required. Capos are encouraged but not required. This class can only be taken one time.

Drawing I (0.5) 7th, 8th, & 9th

\$ Fee required

This class will provide students with basic art skills and techniques across a variety of drawing media. It will also provide art experiences that will develop visual competence, expertise of skills in two-dimensional art in value and in color, and awareness of historical art movements.

Drawing II (0.5) 8th, & 9th

Prerequisite of Drawing 1

\$ Fee required

This class will build upon the roots of Drawing I. Students will push the creative and technical components of making a drawing with emphasis on line, form, space, composition, value, color, and design. Students will widen their understanding of different mediums and begin to

understand how they might be introduced into their own personal work. This class consists of drawing projects, class projects, class critiques, daily drawing and one on one direction.

Painting I (0.5) 7th, 8th, & 9th

\$ Fee required

This class is a basic studio course focused on media and techniques of painting. Activity will emphasize the study of color, structure, creativity and aesthetic values in general. A command of techniques and materials, both traditional and experimental, will be taught.

Painting II (0.5) 8th, & 9th

\$ Fee required

Prerequisite: Painting I

This class is an intermediate studio course focused on more creative expressions of acrylic and watercolor painting. Activity will emphasize career applicable painting prompts that demand the use of more advanced painting techniques that build on the content taught in painting 1. Experimentation with mixed-media and oil painting techniques will also be explored and incorporated into the creation of a student portfolio that we create over the course of the semester.

Photography I (0.5) 7th, 8th, & 9th

\$ Fee required

This course covers basic concepts and practice in digital photography. The course is designed around the use of cell phone photography. Access to a camera is required to complete the work inside and outside of class. There are no cameras available for check out. The course covers Composition Rules such as Leading Lines, Rule of Thirds, and Contrast. Students will also learn and experiment with several of the major photographic styles including: Portraiture, Still Life, Landscape, Abstract, and Documentary/Photojournalism. The last unit of the course is a brief introduction to the use of DSLR cameras and the use of manual camera controls. **No repeats.**

Photography II (0.5) 8th, & 9th

\$ Fee required

Prerequisite: Photography I

This course builds upon skills learned in Photography 1. The course is designed around the use of DSLR cameras. Access to a personal DSLR camera is strongly recommended. Limited cameras are available for check out. Students will learn basic Photoshop skills, differences in file formats, and will become proficient in manual camera controls. Students will use these skills to experiment and approach artistic problems creatively. Projects will focus on prompt based work so students can express their unique artistic voice. **No repeats.**

CTE/Computer Tech Electives

Photo III/Photojournalism (0.5 or 1.0) 8th & 9th

Prerequisite: Photography I and/or II

The course is designed around the use of DSLR cameras. Access to a personal DSLR camera is strongly recommended. Limited cameras are available for check out. Apply the photography skills you gained in Photography 1 and 2 to take portraits and action photos for the yearbook. We will tell the story of ELA's students, athletics, events, and culture in stunning images. We will also complete advanced photography projects and create a portfolio of work as well as building upon the Photoshop skills learned previously to complete more advanced photo manipulation.

This class is repeatable.

Media Arts/Phoenix Feed (0.5 or 1.0) 7th, 8th, & 9th

In this course students will learn basic video production skills including script writing, video recording, studio lighting, and basic video editing, etc. They will use these skills to create the weekly school news video, The Phoenix Feed. **This class is repeatable.**

Robotics Technology (0.5) 8th & 9th

\$ Fee required

Programming experience preferred

An introductory course focused on robotics technologies and what it means to be living in an automated world. Students will gain an understanding of how robotics impact the environment, society, and the economy. Students will develop a foundation in essential abilities and attitudes in connection with math and science skills that will in turn expand their opportunities in the world of automation. Students will be introduced to software design, coding structures and creating computer programs for a robot to perform physical tasks.

Creative Coding (0.5) 7th & 8th

Creative coding is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. We will start by exploring computer science as a way humans try to solve problems. We will then learn to create using the programming languages that power the internet as well as those that power games and animations. **No repeats.**

Physical Education Electives

Group Sports (0.5) 7th, 8th & 9th

This course is designed to practice skills needed for a variety of sports which require group participation and cooperation. Some sports might include basketball, soccer, volleyball, hockey and many more. **No repeats in the same year.**

Kickboxing (0.5) 7th, 8th & 9th

Kickboxing is a group fitness class that combines martial arts techniques with fast-paced cardio. A basic boxing workout that involves a combination of punches and kicks performed at a quick pace to boxing bags and pads. You will learn proper form for the famous jab, hooks, crosses, uppercuts, back kicks, front kicks and more. **No repeats in the same year.**

Weight Training (0.5) 8th & 9th

This course is designed as an introduction to proper weightlifting techniques and includes the development of individual programs that develop body tone, muscle strength, and physical conditioning. **No repeats in the same year.**

Total Body Fitness (0.5) 7th, 8th, & 9th

This class is a total body aerobic and strength conditioning workout. This interval-based class combines full-body strength training with high-intensity cardio bursts designed to tone your body, improve your endurance, and clear your mind before you start your busy day! This class includes circuit training and stretching for a complete workout. All levels are welcome! **No repeats in the same year.**

Yoga (0.5) 7th, 8th, & 9th

This class introduces foundational yoga postures, teaches you how to breathe, and helps you feel more comfortable in the yoga practice. Students will be introduced to yoga postures through step-by-step verbal description and demonstration. Emphasis is placed on student understanding, safety, and stability within each pose. This class will help you relax the physical body while helping to quiet the mind and calm the nervous system. Leave relaxed, content, and ready to take on the day! Open to students of all levels. **No repeats in the same year.**

Beginning Tumbling (0.5) 7th, 8th, & 9th

This course offers instruction in basic tumbling skills including: handstands, cartwheels and round-offs. Strength and flexibility will be emphasized. This is designed for a beginning level for students who haven't mastered these skills yet. **No Repeats in the same year.**

Other Electives

Creative Writing (0.5) 7th, 8th, & 9th

This course is designed as an introduction into the world of creative writing. We will discuss the different types of creative writing as well as what it takes to get published. Students will write multiple short stories and do other activities that promote creativity and fluency in writing. This class is for those who are interested in developing their writing skills as a creative outlet.

Creative Writing II (0.5) 7th, 8th, & 9th

Prerequisite: Creative Writing I

This course is designed to build upon the foundational writing skills acquired in earlier years and deepen students' understanding of various forms of creative expression. Through a combination of writing exercises, workshops, and literary analysis, students will explore different genres, styles, and techniques in creative writing. The course will emphasize both the development of individual voice and the importance of revising and editing for clarity and impact.

Yearbook/Graphic Design (0.5 or 1.0) 7th, 8th & 9th

Application/interview required

This course will teach students basic journalism skills such as but not limited to: note-taking, planning, interviewing, story writing, editing, etc. They will also learn team building and leadership skills while collaborating on various yearbook projects. Graphic Design skills will be taught in order to create a visually strong presentation of our school's memories. Students will learn basic principles of design, color theory, and digital calligraphy. Lastly, they will learn basic life skills such as meeting deadlines, writing skills, and social skills.

French A (0.5 or 1.0) 7th & 8th

\$ Fee required

This is an introductory course to the French language and culture. Primary emphasis is given to the development of basic skills in listening and speaking. Students are given reading, speaking, and writing practice in controlled situations. Students will be taught about various francophone cultures and create projects that demonstrate the similarities and differences between our own culture. They will also obtain a basic vocabulary and familiarity with how the French language works and differs from our own as well as how it has influenced the English language. **This course is meant to prepare students for French I at the high school level and will count as an elective credit.**

Spanish I (1.0) 8th & 9th

\$ Fee required

In Spanish 1 students will be introduced to reading, writing, speaking and comprehending Spanish. Students will experience the latin culture and language through interactive games, songs and cultural activities. Native Spanish speakers should register for Spanish II instead of this course.

Fashion Design Studio (0.5) 7th, 8th, & 9th

This course explores how fashion influences everyday life and introduces students to the fashion industry. Topics covered include fashion fundamentals, elements and principles of design, textiles, consumerism and fashion related careers, with an emphasis on personal fashion application.

Study Skills (0.5 or 1.0) 7th, 8th, & 9th

This course supports core academic study and teaches study skills. It also enhances students' ability to look at their grades, make short-term goals, and work on assignments they need to complete. This course is designed to provide academic support to students in their core content coursework.

Peer Mentor (0.5 or 1.0) 8th & 9th

Application and approval needed

Peer Mentoring is designed for students who wish to enrich their learning experience through the process of assisting other students in mastering course content. Students who apply for this course are pre-screened according to their academic proficiency and attitudes toward the mentoring process. Additionally, students selected to participate in this course are expected to maintain a high level of conduct and develop/demonstrate effective communication and interpersonal skills, along with basic teaching strategies. Qualified students are assigned to a content specific class to help the teacher with tutoring services. Peer mentors will be fully trained on peer mentoring skills, rules and procedures, data collection, and other teaching skills.

Student Aide (0.5) 8th & 9th

8th graders will be placed if there are still spots AFTER 9th graders have had a chance to sign up. Students do not select the teacher.

A student aide is a helper to a teacher or other staff member. Duties will vary including making copies, assisting other students, organizing or any errands needed by teachers. Students must have good attendance and be on time because a teacher is counting on you to be there. Successful student aides are patient, responsible, and kind. Students may have written

reflections throughout their course, in addition to being an aide. This course is pass/fail. A pass earns credit, but does NOT count in the GPA. **Students are limited to being an aide for only one semester to allow them to explore our many electives. Do not sign up unless you are willing to assist any teacher.**

Directed Studies (1.0) 7th, 8th, & 9th (Placement Determined by Counselor)

This class provides specialized instruction. It spends part of each class period learning social and life skills. The rest of the period the students work independently on classwork from other classes with the support of the teacher and aides. It helps students to learn study skills, and implement it into their daily class work.