

Early Light Academy

7th Grade Course Catalog 2020-21

0.5 = one semester or half a year course

1.0 = a full-year course

Language Arts Requirement

Language Arts 7 (1.0)

This class is based on the 7th 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, to non-fiction. We will be tying this class closely to Utah History and Science so that we are reading and building upon those skills.

Language Arts 7 Honors (1.0)

Prerequisite: Application required

This class is based on the 7th grade Utah English Language Arts (ELA) Core Standards. It is designed for students who qualify for more advanced instruction, 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, to nonfiction. We will be tying this class closely to Utah History and Science so that we are reading and building upon those skills.

Social Sciences Requirement

Utah Studies (0.5) 7th

This course is designed to help students understand Utah's history, particularly emphasizing the periods of time in Utah from when the Mormon Pioneers arrived, the struggle for statehood, and on to the present. Students will review the interaction between Utah's different inhabitants, the formative contributions of Native Americans and Utah's pioneers and inventions, the central place Utah has in the history of Women's suffrage in this country, the diverse nature of Utah's people and cultures, and the impact of contemporary events on the land and people of Utah. Students will also create a semester project (their choice between a

1400 word essay, 2-6 min. Documentary video, 30 slide presentation, or website) which will be their contribution to ELA's National History Day celebration usually held during May of each year.

Mathematics Requirements (1 Math and 1 Lab)

7th Grade Mathematics (1.0)

In 7th Grade Mathematics, students will focus on developing an understanding of and applying proportional relationships; developing an understanding of operations with rational numbers and working with expressions and linear equations; solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and drawing inferences about populations based on samples.

7th Grade Mathematics Honors (1.0)

Prerequisite: Application required

The Honors course includes extra depth and additional topics such as codes, patterns, number bases, and number systems.

8th Grade Mathematics (1.0)

Prerequisite: 7th grade math or placement test

In 8th Grade Mathematics, students will focus 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.

8th Grade Mathematics Honors (1.0)

Prerequisite: 7th grade math or placement test. Application required and available online.

The Honors course includes extra depth and additional topics such as: 3D graphing and graph theory, fair division and apportionment, sets, and voting theory.

Math 7 Lab (1.0)

We will continue to work on our math standards in more depth during our math labs and have more time to practice the concepts. We will also participate in added learning experiences integrating history and art into the math curriculum.

8th Grade Math Lab (1.0)

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.

Science Requirements (Science and a Lab)

Integrated Science 7 (1.0)

7th grade integrated science is an introduction to the Life, Physical and Earth Sciences. Students will first explore gravitational, electromagnetic forces as well as Newton's Laws of Motion. An exploration of the geology of the Earth including plate tectonics, the fossil record and the rock cycle will follow. The last part of the year will be spent delving into the life sciences including, but not limited to, the study of cells, body systems, adaptations, evolution and a frog dissection. Come explore the wonderful world around us in 7th grade Integrated Science!

Science 7 Lab (1.0) 7th

This class is embedded within Integrated Science 7. 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 Integrated Science 7.

Physical Education Requirement

PE 7- 7th Grade Beginning Fitness (0.5) Coed

Students in grade seven develop a solid foundation in skills and competencies. They are still mastering basic manipulative skills, and are ready to engage in lead-up games and drills that provide a progression toward participation in regulation or advanced play. Students will apply skills in modified games, and may be introduced to regulation rules and game play. Instruction includes an introduction to training principles and activities that can enhance health-related fitness as students pursue personal fitness goals.

CTE College & Career Awareness Requirement

College and Career Awareness (1.0)

College and Career Awareness is Utah's exploratory Career and Technical Education Core Curriculum requirement for middle/junior high school. The purpose of this program is to allow students to be involved in activity-centered lessons, which utilize technology, develop beginning skills, and explore careers.

PHOENIX Advisory – Leadership/Homeroom Requirement

PHOENIX PRIDE – Leadership/Homeroom

Phoenix Pride (0.25) (PH)

Students will earn elective credit for this course. It covers character education and leadership. Some of the curriculum that may be used: Leader in Me, Love and Logic, Second Steps. This is a required course here at ELA. Students will have the same teacher from 7-9th grade.

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.

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

The Taekwondo program of martial arts will provide students with not only the most effective method of weaponless self-defense, but will also introduce them to an intricate art form, and Olympic Sports, and a means of maintaining physical fitness. The purpose of training in martial arts is to develop coordination between the mind, body, and spirit. The martial art drills and learning activities in this class integrate aerobic stamina and physical strength with concentration skills. What you will learn in this course will help you in every aspect of your life.

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

This class is designed to give students a total body workout. This HIIT (high intensity-interval training) 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 stretching for a complete workout. All levels are welcome!

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.

Weight Training (0.5) 7th, 8th, & 9th

This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

CTE or Digital Electives

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**

STEM (1.0) 7th, 8th

\$ Fee required

STEM is a science elective which integrates Science, Technology, Engineering and Mathematics. This class is a hands-on exploration of topics that allow students to build, create, explore and learn. The topics covered in STEM include units on the science of flight and aeronautics, engineering towers and bridges, CSI crime solving, Electronic Circuits, Coding and Alternative Energy. We build rockets, four foot towers, paper dragsters clocked at 90 mph, electric cars, and build alternative sources of energy. Come explore, learn and have fun in STEM! ***You can't repeat this class, so plan ahead if you want to take it as a 7th or 8th grader.***

School News/Elem Yrbk (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.

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

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.

Fine Arts Electives

Choir I Female S/A (0.5 or 1.0) 7th, 8th, & 9th

\$ Fee required

Girls just wanna have fun? YES! We do! ELA's all-girls 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 I Male T/B (0.5 or 1.0) 7th, 8th, & 9th

\$ Fee required

Don't miss out on BOYS 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!

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) 7th, 8th, & 9th

Prerequisite: Drawing 1 required or permission from instructor with advanced portfolio review.

\$ 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, time, 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.

Intro to Stage Crew (0.5) 7th

Prerequisite: Attend Tech Olympics or interview with instructor to gain approval.

\$ Fee required

This class introduces students to Stage Crew; the art of technical theatre (lights,

sounds, costumes, stage management, etc.). No after school hours are required for this course.

Painting 1 (0.5) 7th, 8th, & 9th

\$ Fee required

This class is a basic studio course in the 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.

Orchestra I- Beginning (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 and have less than 1 year of experience. Two pianists will be admitted into the ensemble, but must audition with the instructor before signing up for the class. There are 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.

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 at home is required to complete work 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) 7th, 8th, & 9th

\$ Fee required

Prerequisite: Photography 1

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**

Theatre I (0.5) 7th

\$ Fee required

This class is designed as an introductory course for theatre. Students will learn the awesome skills of acting by studying Improvisation, Stage Combat, Musical Theatre, and Play Production.

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, fingerstyle, 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.

Optional Electives

Creative Writing and Media Literacy (0.5) 7th, 8th, & 9th

Want to improve your creative writing skills? In 80% of the classes, we will explore the genres of creative fiction, popular story structure (for both film and prose), and *WHO YOU ARE as an artist* (not just a writer). MEDIA LITERACY: **About 20%** of our semester's classes will also explore VITAL 21st century skills such as spotting & deciphering disinformation and learning HOW the internet 'hijacks' your brain.

American Government & Law (0.5) 7th, 8th, & 9th

American Government & Law is an elective course which explores the issues of both comparative and U.S. Government. The course includes the study of general concepts used to interpret U.S. politics.

World Languages (0.5) 7th & 8th

This course is designed to allow 7th and 8th grade students to have exposure to a variety of world languages, including Spanish, Italian, French, and German. Through this multilingual experience, students will recognize similarities and differences in spoken language, learn basic expressions, vocabulary, and become more aware of world history and its impact on language. Through these experiences students will be able to identify which languages they may be interested in studying further at either ELA or at the high school level.