

**Paradigm Schools  
Course Catalog  
2022-23 School Year**



*Paradigm Preparatory School (7th & 8th Grade) and  
Paradigm High School (9th-12th Grade)*

# Paradigm Preparatory School

## *7th & 8th Grade Course Descriptions*

### **Kedge Time**

#### ***KEDGE TIME IS MANDATORY FOR EVERY SCHOLAR.***

At Paradigm we teach scholars “how to think” not “what to think.” We also encourage scholars to own their education. Owning one’s education involves skills in planning, goal setting, monitoring class status, and engaging in skill levels tailored to the individual. Scholars create a mission plan, a charter element established in our initial charter.

Kedge Time (or “Kedge” for short) is a first period class that offers multiple opportunities to facilitate the charter mission and goals! Last year was our first year of Kedge implementation. With feedback from mentors and parents, we have made some adjustments to keep goal implementation moving forward. Here are elements of Kedge this coming year:

- Each scholar will attend an A Day and B Day Kedge, one focusing on English Language Arts and one focusing on Math.
- Computer software in every Kedge to support individual skill improvement. Scholars have the opportunity to fill gaps in learning or jump ahead!
- Mentoring in metacognition (owning one’s education and discovering best modes of learning for one’s self).
- Grades earned in Kedge class will be part of the grade earned in Math and Seminar classes.
- Scholar class elections and congress participation.
- Mission plans created and updated.
- Service opportunities.
- Regular planning, goal setting, and monitoring of class assignments.
- One on one interviews with mentors.
- Miscellaneous administrative items which reduces distractions during other class times

Please lend your support as we work to give our all in mentoring your scholars in their individual journeys guided by our charter mission and goals.

### **Seminar**

#### ***SEMINAR IS MANDATORY FOR EVERY SCHOLAR.***

The Seminar is a unique offering at Paradigm and is the very heart of our liberal arts program. During seminar scholars devour the works of the greatest people of history (preserved in classics) and then meet to discuss what they have learned. Scholars are guided by their mentors to learn how to ask questions, think, write, discuss and define principles. Scholars will earn middle school credit in Language Arts and Utah History for this class. Seminar is one class period every day (A and B day).

## Academy Seminar

Academy Seminar is similar to the regular seminar class listed above. This class is ideal for scholars who have homeschooled in the past and would like to make the transition to our public school with a part-time schedule, but the class is open to all scholars. This class meets on A days (Monday, Wednesday and every other Friday) during 2nd and 3rd period. This class allows your scholar to homeschool on B days and attend Paradigm on A days. Scholars will earn middle school credit in Language Arts and Utah History.

## Mathematics

**New Paradigm Scholars will need to take a math placement exam before a math class can be scheduled. Please contact our front office to make an appointment for this exam.**

<b>Course Name</b>	<b>Semester/Year</b>	<b>Grade</b>
Math Fundamentals	Year	7th, 8th
Math Transitions	Year	7th, 8th
Math 8	Year	7th, 8th

## Course Descriptions

### ***Math Fundamentals***

This class is for scholars who still need to strengthen the basic foundational skills needed to move into pre-algebra. Focus will be on meeting each scholar where they are in their math ability and teaching math conceptually in order to enhance math understanding. This is our most basic math class available. Reference textbook: Utah Middle School Math Project.

### ***Math Transitions***

Making the transition from basic math to pre-algebra should be treated with care in order to keep motivation and learning energy high. This class will focus on pre-algebra while still giving attention to foundational math skills that need strengthening for a powerful forward progression. Hands on activities and conceptual understanding will be emphasized. Reference textbook: Utah Middle School Math Project.

### ***Math 8***

This class is for scholars with a strong foundation that are ready to dive into math 8 concepts/standards at a strong pace and are ready to engage in math activities and projects that will bring meaning to what they are studying. Reference textbook: Utah Middle School Math Project.

\*Scholars can register for High School Math 1 on a case by case basis.

## Science

<b>Course Name</b>	<b>Semester/Year</b>	<b>Grade</b>
Integrated Science 7	Year	7th
Integrated Science 8	Year	8th

### Course Descriptions

#### **Integrated Science 7**

**Required for the full-year for all 7th grade scholars.**

Scholars will learn about the constant interaction of cause and effect. scholars will explore how forces can cause changes in motion and are responsible for the transfer of energy and the cycling of matter, providing necessary conditions for life on Earth. scholars will also be learning about the organisms and their respective species that have lived, or currently live on Earth. Additionally, the evolutionary histories of life on Earth proves how many species have survived or have gone extinct.

#### **Integrated Science 8**

**Required for the full-year for all 8th grade scholars.**

Scholars will learn about the constant interaction between matter and energy. Scholars will explore how matter is the basic unit blocks that form everything and everyone around us and how energy can be transferred and stored through these unit blocks to interact physically and chemically, provide energy to living organisms, or be harnessed and used by humans. Additionally, matter and energy can cycle and change within ecosystems through processes of photosynthesis and cellular respiration. scholars will also explore how geological and atmospheric systems can change and affect ecosystems and organisms, positively and negatively.

## English & Social Studies Electives

<b>Course Name</b>	<b>Semester/Year</b>	<b>Grade</b>	<b>Class Fee</b>
Creative Writing	Fall Semester	7th, 8th	<b>None</b>
The Great Wars: WWI-WWII	Fall Semester	7th, 8th	<b>None</b>
Homesteading Skills	Spring Semester	7th, 8th	<b>None</b>
Victorian Experience	Spring Semester	7th, 8th	<b>None</b>
Prep Yearbook	Year	7th, 8th	<b>\$30.00 year</b>

## Course Descriptions

### *Creative Writing*

Develop your imagination and word crafting through short stories, poetry, graphic novels and novel writing.

### *The Great Wars: WWI-WWII*

Have you ever wondered how WWI actually started? Why was it so terrible? Or perhaps why WWII came so soon after the First World War? In this course we will be looking at the intricate reasons for the start of WWI and how it connects to WWII. But don't fret, we will also be talking in detail about each war and the complications that still affect us today.

### *Homesteading Skills*

Learn to live like the pioneers did! In this class you'll learn to grind wheat and bake sourdough bread, sew by hand, grow sprouts to eat, navigate by the sun and stars, cook in a dutch oven, survival skills and so much more!

### *Victorian Experience*

Enter the world of England in the 1800's. A country at war with power hungry emperors, men dueling for their honor, and women fretting about the newest thing in fashion. In this course we will be looking at 100 years of England's history through war, society, fashion, food and novels. Get ready to join Horatio Nelson on the seas as he conquers the French. Walk the grimy streets of London through the eyes of Ebenezer Scrooge. Play a hearty game of cricket like any well rounded upper class gentleman. Learn basic stitches as you embroider your very own handkerchief to offer the next sniveling young lady. Bake Queen Victoria's favorite dessert and enjoy getting to know a country and a people who were the most powerful in the world.

### *Prep Yearbook*

Scholars will create the prep school yearbook for 2022-23. Writing, photography, editing, interviewing, organization will all be incorporated into the class. Scholars must meet deadlines. Mentor approval is required.

***\$30.00 Class Fee Year***

## Fine Arts Electives

<b><i>Course Name</i></b>	<b><i>Semester/Year</i></b>	<b><i>Grade</i></b>	<b><i>Class Fee</i></b>
The Great Artists	Fall Semester	7th, 8th	<b><i>\$30.00 semester</i></b>
Making It!	Spring Semester	7th, 8th	<b><i>\$30.00 semester</i></b>
Video Game Workshop	Spring Semester	7th, 8th	<b><i>\$30.00 semester</i></b>
Beginning Band	Year	7th-12th	<b><i>\$100.00 year</i></b>
Concert Band*	Year	7th-12th	<b><i>\$100.00 year</i></b>

Beginning Strings	Year	7th-12th	<b>\$100.00 year</b>
Intermediate Orchestra*	Year	7th-12th	<b>\$100.00 year</b>
Bel Canto	Year	7th-12th	<b>\$100.00 year</b>
Men's Chorus	Year	7th-12th	<b>\$100.00 year</b>
Prep Music Fundamentals	Fall Semester	7th, 8th	<b>None</b>
Piano	Spring Semester	7th, 8th	<b>None</b>
Percussion Ensemble	Fall Semester	7th-12th	<b>\$100.00 year</b>
Intro to Dance	Fall Semester	7th, 8th	<b>\$30.00 semester</b>
Music/Dance/Theater (MDT)	Spring Semester	7th, 8th	<b>None</b>

**\*Audition/Mentor Approval Required**

## Course Descriptions

### *The Great Artists*

This introductory general art class will highlight principles of design, drawing, painting, sculpting, mixed media, and more through studying great artists throughout time. For every renowned artist we study, we'll do a related art project that will help us learn the basics of painting and drawing. Whether you're a seasoned artist or you've never drawn anything but stick figures before, this class is made for creators of all levels of experience.

**\$30.00 Class Fee Semester**

### *Making It!*

Do you love to create, but feel that drawing isn't quite your thing? This is the class for you! Here, we will explore a variety of types of art that don't fit into the ordinary 'painting and drawing' box, including kiln ceramics, soap making, origami, resin casting, wire sculpture, jewelry, slimes, fabric crafts, wood burning, paper mache, paint pouring, floral arrangements and more! Art can be so much more than simply learning to sketch a face. We'll create tons of crafts that anybody can learn and enjoy. Come explore with us!

**\$30.00 Class Fee Semester**

### *Video Game Workshop*

In this class, we will learn all of the introductory basics to creating our own computer games. We will design original pixel art and animations, create retro games, and build our own explorable worlds with virtual reality headsets. Scholars will have the opportunity to publish their work on real game platforms like Steam and Itch.io, and attend field trips to a nickel arcade and a VR arcade at the end of the semester. Plus you don't need to know any code to join!

\*Basic computer proficiency REQUIRED.

**\$30.00 Class Fee Semester**

### ***Beginning Band***

An opportunity for any scholar to learn to play the flute, clarinet, trombone, trumpet or Euphonium. (scholars can start Saxophone, French Horn, and Percussion after a year in the program playing another instrument.) The class will teach scholars to play an instrument as well as how to read notes. scholars will prepare pieces from a variety of genres to perform at concerts and music festivals. scholars are expected to practice at home and come prepared to have effective rehearsals in class. Beginning band is a year long class.

***\$100.00 Class Fee Year***

### ***Concert Band***

For scholars who have played in band for at least a year on their instrument, can sight read and play all 1 octave scales. Concert band will play a variety of music, including jazz, and prepare to perform it in concerts throughout the year. Concert band will focus on building sight reading, breath control, musicality and specific techniques on instruments. Concert band will participate in festivals throughout the year and have the opportunity to travel. Concert band is a year long class.

***\$100.00 Class Fee Year***

### ***Beginning Strings***

An opportunity for any scholar to learn to play the violin, viola, cello or bass regardless of previous experience! Beginning orchestra will teach scholars to play an instrument from step one, including instrument care and note reading. Scholars in beginning orchestra will prepare music from various genres to perform at concerts. They will also have the opportunity to participate in music festivals. scholars are expected to practice at home and come to class prepared to have effective rehearsals. Beginning Orchestra is a year long class.

***\$100.00 Class Fee Year***

### ***Intermediate Orchestra***

For scholars who have played their instrument for at least a year, can read music, and play 1-2 octave scales. Intermediate orchestra will focus on preparing music from a variety of genres for multiple performances. Intermediate Orchestra will help scholars further develop techniques on their instrument, note reading abilities, musicality and leadership. scholars in Intermediate orchestra are expected to practice at home and come to class prepared to have effective rehearsals. scholars in intermediate orchestra will participate in a number of festivals and concerts during the year and will have the opportunity to travel. Intermediate Orchestra is a year long class.

***\$100.00 Class Fee Year***

### ***Bel Canto***

This is a year-long class. Open to all female scholars exhibiting a basic ability to sing as well as a desire to perform at both school and community performances. This class is for all grades 7-12. Emphasis will be placed on two part and three part vocal music. scholars will learn basic note reading with emphasis on rhythm and general historical characteristics of music from all styles and periods of music history. The elements of healthy singing including good posture and good performance technique will be an important part of the curriculum. Attendance is required at a variety of performances and is a large part of end of class evaluation.

***\$60.00 Class Fee Year***

### ***Men's Chorus***

This is a year-long class. Open to all male scholars exhibiting a basic ability to sing as well as a desire to perform at both school and community performances. This class is for all grades 7-12. Emphasis will be placed on two part and three part vocal music. scholars will learn basic note

reading with emphasis on rhythm and general historical characteristics of music from all styles and periods of music history. The elements of healthy singing, including good posture and good performance technique will be an important part of the curriculum. Attendance is required at a variety of performances and is a large part of end of class evaluation.

**\$60.00 Class Fee Year**

### ***Prep Music Fundamentals***

In this winter semester course prep scholars will learn everything they need to start their musical journey by exploring concepts through hands-on activities. We will be exploring rhythm, melody, music reading, music history, and we'll even try writing some music of our own! This course is for anyone, whether or not they already have musical experience.

### ***Piano***

This class will explore the concepts of music theory and history along with basic piano skills. This class is great for scholars of all musical levels and all piano skill levels. Scholars will learn basic piano skills and theory concepts. We will explore music history and how elements of historical eras were reflected in the music of the time. Scholars will experience a hybrid curriculum of both traditional and contemporary music. This will also include exposure to *by ear* methods of learning, in addition to learning traditional notation. All scholars will learn to play both solo and duet pieces on the piano. Those with more advanced piano skills will explore more difficult pieces. While this is not "piano lessons", scholars will explore the piano and the semester will culminate with a class recital. No prior experience required.

### ***Percussion Ensemble***

In this fall-semester class, scholars will learn to play drums, keyboards, and other percussion instruments! The class will perform as a percussion ensemble in all school Band concerts during the fall semester. Scholars will then be expected to join Beginning Band or Concert Band in the spring semester, depending on their audition. Scholars in this class will need to purchase or rent an instrument and purchase a few sets of drumsticks and mallets (email Mr. Burt for details at [dburt@paradigmhigh.org](mailto:dburt@paradigmhigh.org)).

**Concert Band Percussionists:** Take this class *instead of Concert Band* in the Fall Semester. You'll register for Concert Band again in the spring.

**New Percussionists:** If you are interested in learning to play percussion, register for this class! Please note that you and your parent must sign a written commitment to register for Beginning Band the following semester.

Scholars will also be required to perform in school concerts and regional festivals, which may involve the opportunity for travel. Scholars are expected to practice at home and come prepared each day for class.

**\$100.00 Class Fee Year (Includes Fall Semester Percussion and Spring Semester Band)**

### ***Intro to Dance***

This course focuses on multiple genres of dance technique, along with some performance elements. Study dance terminology, dance history, and learn some choreography. No experience required.

**\$30.00 Class Fee Year**

### ***Music/Dance/Theater***

If you have ever wondered what MDT (Music/Dance/Theater) is all about, this is the class for you!! If you already love MDT – this is the class for you!!! If you are somewhere in between – this is the class for you!!! This will be a non-auditioned class in which we will explore the basic elements of MDT. We will watch musicals, have units on stage design, costume design,



make-up design, staging, lighting/sound and other technical elements, and will put on a scholar showcase. The semester will end with a scholar showcase in which we will present all of the things we have learned about through musical numbers and scenes largely produced by scholars. This is a great way to explore MDT and join in the fun of theater!

## Healthy Lifestyles Electives

<i>Course Name</i>	<i>Semester/Year</i>	<i>Grade</i>
Mind and Body Wellness	Fall, Spring Semester	7th, 8th
Physical Education	Spring Semester	7th, 8th

### Course Descriptions

#### *Mind and Body Wellness*

Taking care of ourselves is a multi-faceted commitment. This class will explore the intricacies of wellness from a holistic perspective. Our daily and weekly activities will include a 1 mile walk (daily), food labs and opportunities that strengthen mental, emotional and spiritual engagement.

#### *Physical Education*

We will cover the basics of teamwork, sports and fitness in a fun environment.

***PE Uniform Required - \$20.00 per set***

## Other Electives

<i>Course Name</i>	<i>Semester/Year</i>	<i>Grade</i>	<i>Class Fee</i>
Robotics	Spring Semester	7th, 8th	<b><i>\$50.00 semester</i></b>
Intro to Chinese Culture	Fall, Spring Semester	7th, 8th	<b><i>None</i></b>
Intro to Spanish	Fall Semester	7th, 8th	<b><i>None</i></b>

### Course Descriptions

#### *Robotics*

In the prep school robotics class, scholars will learn to build and program robots that move, sense, and interact with the world. Using LEGO Mindstorms robot kits, we will solve exciting engineering challenges and create their own robotics projects. The final semester project will be a competition using robots the scholars design, build, and program from scratch.

***\$50.00 Class Fee Semester***

### ***Intro to Chinese Culture***

Introduction to Chinese culture class is a semester course. Scholars will explore Chinese culture including Chinese history, music, art, food, festivals and traditions. They will also learn about the basic Chinese language.

### ***Intro to Spanish***

Introduction to Spanish is for those who have little to no Spanish experience. We will focus on simple conversations, vocabulary and some grammar concepts. We play games, sing songs and have lots of fun. scholars who complete this class will be very prepared for Spanish I in the High School.

# Paradigm High School

## Graduation Requirements for 9-12 Grades

Board approved 2/17/21

<p><b>Language Arts</b>                      <b>4.0 Credits</b></p> <p><i>Language Arts 9</i>                      1.0</p> <p><i>Language Arts 10</i>                      1.0</p> <p><i>Language Arts 11</i>                      1.0</p> <p><i>Language Arts 12</i>                      1.0</p>	<p><b>Mathematics</b>                      <b>3.0 Credits</b></p> <p><i>Secondary Math 1</i>                      1.0</p> <p><i>Secondary Math 2</i>                      1.0</p> <p><i>Secondary Math 3*</i>                      1.0</p>
<p><b>Science</b>                              <b>3.0 Credits</b></p> <p><i>Physical Science</i>                      1.0</p> <p><i>Biological Science</i>                      1.0</p> <p><i>Science Elective</i>                      1.0</p>	<p><b>Social Studies</b>                      <b>3.5 Credits</b></p> <p><i>Geography</i>                              0.5</p> <p><i>World Civilizations</i>                      1.0</p> <p><i>U.S. History</i>                              1.0</p> <p><i>U.S. Government</i>                      0.5</p> <p><i>Passing of Civic Test</i></p>
<p><b>Healthy Lifestyles</b>                      <b>2.0 Credits</b></p> <p><i>PST</i>    0.5</p> <p><i>ILA</i>    0.5</p> <p><i>Fitness for Life</i>                          0.5</p> <p><i>Health</i>                                      0.5</p>	
<p><b>World Languages**</b>                      <b>1.0 Credits</b></p>	<p><b>Digital Studies</b>                      <b>0.5 Credit</b></p>
<p><b>Fine Arts</b>                              <b>1.5 Credits</b></p>	<p><b>Financial Literacy</b>                      <b>0.5 Credit</b></p>
<p><b>Career &amp; Tech Ed (CTE)</b> <b>1.5 Credits</b></p> <p><i>11th Grade ACT Prep &amp; College/Careers</i>      0.5</p> <p><i>Other CTE</i>                                  1.0</p>	<p><b>Leadership/Service***</b>                      <b>0.5 Credit</b></p>
<p><b>Electives</b>                              <b>3.0 Credits</b></p> <p><i>Electives can be fulfilled through any subject</i></p>	<p><b>Paradigm Capstone</b>                      <b>0.5 Credit</b></p> <p><b>Senior Thesis****</b></p>
	<p><b>TOTAL CREDITS</b>                      <b>24.0</b></p>

\*\*Secondary Math 3 opt-out; alternative math option available, see counselor

\*\*2 years of World Languages is recommended for college bound scholars

\*\*\*Leadership/service credit is part of 9th Grade Seminar.

\*\*\*\*Paradigm Capstone will be completed in the 12th Grade Seminar class; Senior Thesis is required for graduation and will be completed in 12th grade seminar

# Paradigm High School

## 9th-12th Grade Course Descriptions

### Kedge Time

#### ***KEDGE TIME IS MANDATORY FOR EVERY SCHOLAR.***

At Paradigm we teach scholars “how to think” not “what to think.” We also encourage scholars to own their education. Owning one’s education involves skills in planning, goal setting, monitoring class status, and engaging in skill levels tailored to the individual. Scholars create a mission plan, a charter element established in our initial charter.

Kedge Time (or “Kedge” for short) is a first period class that offers multiple opportunities to facilitate the charter mission and goals! Last year was our first year of Kedge implementation. With feedback from mentors and parents, we have made some adjustments to keep goal implementation moving forward. Here are elements of Kedge this coming year:

- Each scholar will attend an A Day and B Day Kedge, one focusing on English Language Arts and one focusing on Math.
- Computer software in every Kedge to support individual skill improvement. Scholars have the opportunity to fill gaps in learning or jump ahead!
- Mentoring in metacognition (owning one’s education and discovering best modes of learning for one’s self).
- Grades earned in Kedge class will be part of the grade earned in Math and Seminar classes.
- Scholar class elections and congress participation.
- Mission plans created and updated.
- Service opportunities.
- Regular planning, goal setting, and monitoring of class assignments.
- One on one interviews with mentors.
- Miscellaneous administrative items which reduces distractions during other class times

Please lend your support as we work to give our all in mentoring your scholars in their individual journeys guided by our charter mission and goals.

### Seminar

#### ***Seminar is a MANDATORY class for every scholar.***

The Seminar is a unique offering at Paradigm and is the very heart of our liberal arts program. During seminar, scholars devour the works of the greatest people of history (preserved in classics) and then meet to discuss what they have learned. Scholars are guided by their mentors to learn how to ask questions, think, write, discuss and define principles.

Seminar is held in a two-period block and meets every other day on our block schedule.

<b>Course Name</b>	<b>Semester/Year</b>	<b>Grade</b>	<b>Credit(s)</b>
Jefferson Scholar Program*	Year	9th, 10th, 11th or 12th	Credits listed below, depending on the scholar's grade
9th Grade Seminar	Year	9th	1.0 Language Arts 9 0.5 Geography 0.5 Leadership/Service
10th Grade Seminar	Year	10th	1.0 Language Arts 10 1.0 World Civilization
11th Grade Seminar	Year	11th	1.0 Language Arts 11 1.0 U.S. History
12th Grade Seminar	Year	12th	1.0 Language Arts 12 0.5 U.S. Government 0.5 Paradigm Capstone

**\*Audition/Interview Required**

## Course Descriptions

### *Jefferson Scholar Program*

This class is intended to help scholars find and work on their own education. Scholars will improve their writing, reading, critical thinking, oral presentation, oral discussion skills, problem solving, and research skills. It is expected that scholars will research information about topics and ideas using the Portfolio Guide, be assessed on that information, give presentations, write and polish an excellent paper, participate in class discussions, complete Seminar level (cohort) books on time, defend their personal contract at their final oral exam, and prepare and give a polished 'Ted Talk' (fall) and read their semester paper (spring) to an audience of parents, family members, and friends during an evening performance. It is expected that scholars in this class will be able to address the following essential questions for this class: *What is a scholar? How does discovering information create life-long learning? How does learning the skills of a scholar help me in my overall education?*

## Language Arts 12

<b>Course Name</b>	<b>Semester/Year</b>	<b>Grade</b>	<b>Credit</b>
12th Grade English - SLCC English 1010	Fall Semester	12th	.5 Language Arts 12

## Course Descriptions

### *SLCC English 1010*

This class is geared toward those who want to take SLCC English 1010 and the possibility of taking the AP English exams. Scholars must enroll with Salt Lake Community College in order to qualify for this class.

## Humanities Electives

<b>Course Name</b>	<b>Semester/Year</b>	<b>Grade</b>	<b>Credit</b>
19th Century Novels	Spring Semester	9th-12th	.5 Language Arts Elective
The American Civil War	Fall, Spring Semester	9th-12th	.5 History Elective
Media Literacy	Spring Semester	9th-12th	.5 Humanities Elective
Newspaper	Year	9th-12th	1.0 Language Arts Elective
Novel Writing	Spring Semester	9th-12th	.5 Language Arts Elective
Poetry	Fall Semester	9th-12th	.5 Language Arts Elective
Public Speaking & Debate	Fall, Spring Semester	9th-12th	.5 Humanities Elective
Science Fiction Literature	Fall, Spring Semester	9th-12th	.5 Language Arts Elective

**\*Mentor Approval Required**

## Course Descriptions

### *19th Century Novels*

Why were so many of Europe and America's greatest novels written during the 19th Century? This semester we will explore this and many other questions, such as the origins, development and influence of Romanticism, Symbolism, and Transcendentalism. We will also discuss the influence of social issues of the day on writing in both the United States and Europe. Be prepared to do a lot of reading for this course.

### *The American Civil War*

From the battlefields of Virginia, to the halls of Congress, to the homes of mothers and fathers, to the plantations of the South, our American Civil War class will discover the causes of the Civil War, the realities of the battlefield and political struggles, as well as the legacy the war left for the United States of America. If you love history, want to know more about one of the United States's most pivotal moments, or want to recognize how our history has shaped our present and our future, this is a great class to consider. This class will not just focus on the battles, but

on families, the lives of enslaved peoples, the decisions of leaders, and the cultural and economic changes happening at the time.

### **Media Literacy**

This course will help scholars to develop positive consumption and creation habits of news media, giving today's scholars (who are tomorrow's voters and decision-makers) the tools to sort fact from fiction and discern fact-based, credible information. We will examine logical fallacies, fact-checking, criteria for reliable sources, and learn and share the abilities needed to be smart, active consumers of news and information and equal and engaged participants in a democracy.

### **Newspaper**

This course is designed to give scholars a basic understanding of journalism and newspaper writing techniques. Scholars will write, edit, and design issues of the school newspaper each month in print and online. The course requires some work after school, such as reporting on after-school events, and has tight deadlines. Help us create a Paradigm legacy that will last for years!

\*Approval is required for this class. Please email a writing sample to [abowe@paradigmschools.org](mailto:abowe@paradigmschools.org). Scholars who were on last year's staff do not need approval to join again.

### **Novel Writing**

The Novel Writing class is intended to help all scholars improve their writing, reading, critical thinking, oral presentation, and oral discussion skills. Scholars will improve their thinking and writing skills and their reading comprehension through the study of various pieces of literature, fiction and nonfiction, journal entries, entire class and small group discussions and through writing their own personal novels. The practice of professional etiquette is expected during class time, including discussions, presentations, speeches, etc. It is expected that scholars in this class will be able to address the following essential questions for this class: *How does writing a novel help me to be a leader in our society? How can writing a novel influence people toward being a productive and moral society or the opposite?*

### **Poetry**

"Genuine poetry can communicate before it is understood." —T.S. Eliot

Using the works of the great poets throughout history as our texts, we will study **all** forms of poetry, from sonnets to slam and haiku to concrete poetry. We will explore the many components of poetry, such as the incorporation of figurative language, meter and rhythm, and voice. Scholars will also practice writing all poetry forms while studying them and will complete a portfolio of their own poetry by the end of the semester.

### **Public Speaking & Debate**

Debate will be a class in which scholars choose their own topics, research them, and prepare statements and rebuttals for a predetermined debate format. Scholars will often work independently, with the guidance of the mentor, to research and prepare for their debates. Other aspects of the class will include preparations, tips, and opportunities for practice of public speaking. Scholars interested in careers within fields like academia, law, journalism, politics, communications, and more, or those interested in building their writing, reading, and speaking skills, will find benefits in taking Public Speaking and Debate.

### **Science Fiction Literature**

This class will explore literature and media within the science fiction genre. With a focus on

science fiction classics and inclusions of modern popular science fiction, this class will discover and discuss themes, characters, commentary, and warnings found within great science fiction. Be ready for a fun, creative, and productive atmosphere where we will read and discuss our favorite pieces of sci-fi while also working on our own world-building and storytelling.

## Mathematics

**New Paradigm Scholars will need to take a math placement exam before a math class can be scheduled. Please contact our front office to make an appointment for this exam.**

<i>Course Name</i>	<i>Semester/Year</i>	<i>Grade</i>	<i>Prerequisite</i>	<i>Credit</i>
Math for Life	Year	9th-12th	None	1.0 Math Elective
Math 1*	Year	9th-12th	Placement	1.0 Mathematics
Math 1 Honors*	Year	9th-12th	Placement	1.0 Mathematics
Math 2*	Year	9th-12th	Math I or Placement	1.0 Mathematics
Math 2 Honors*	Year	9th-12th	Math I Honors or Placement	1.0 Mathematics
Math 3*	Year	9th-12th	Math II or Placement	1.0 Mathematics
Math 3 Honors /Precalculus*	Year	9th-12th	Math II Honors or Placement	1.0 Mathematics
Calculus AB*	Year	9th-12th	Math III Honors or Placement	1.0 Mathematics
Math Senior Elective	Year	11th, 12th	None	1.0 Math Elective (4th year Math)

**\*Mentor Approval/Prerequisite Required**

## Course Descriptions

### *Math for Life*

This is a goal oriented class with ongoing coaching and independent work level. This class gives an elective credit, but not high school math credit towards graduation. Scholars would need a mandatory 4 years of math to complete their graduation requirements. This is a much better alternative than floundering through multiple math classes because of missing foundational skills.

### *Math 1*

Math 1 is a combination of the first half of what was formerly called Beginning Algebra (Algebra 1) and the first half of Geometry. Scholars in Math 1 will deepen and extend their understanding



of linear relationships, in part by contrasting them with exponential phenomenon, and in part by applying linear models to data that exhibit a linear trend. Scholars will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Algebraic and geometric ideas are tied together. Scholars will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### ***Math 1 Honors***

Math 1 Honors will have additional concepts, move at an accelerated pace, and dive deeper into the concepts explored. Math 1 Honors will encourage engaging in hands-on projects and exploring math through multiple sources.

### ***Math 2***

Math 2 is for scholars who have already taken at least  $\frac{1}{2}$  of a year of Algebra 1, and have not yet taken Geometry. Scholars in Math II will review quadratic expressions, equations, and functions, extend the set of rational numbers to the set of complex numbers, and link probability and data through conditional probability and counting methods. Scholars will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge, study similarity and right triangle trigonometry, and study circles with their quadratic algebraic representations.

### ***Math 2 Honors***

Math 2 Honors will have additional concepts, move at an accelerated pace, and dive deeper into the concepts explored. Math 2 Honors will encourage engaging in hands-on projects and exploring math through multiple sources. This is a great track for scholars who would like to move on to take Math 3 Honors and Calculus in the subsequent years. It is a great opportunity for scholars whose energy for learning math is high with a mentor who is ready to bring excitement and relevance to the study of mathematics.

### ***Math 3***

Scholars in Math 3 will pull together and apply the accumulation of learning they have from previous courses. They will expand their understanding of quadratic expressions, equations, and functions, and extend the set of rational numbers to the set of complex numbers. Scholars will apply methods from probability and statistics to draw inferences and conclusions from data, expand their repertoire of functions to include polynomial, rational, exponential, and radical functions, expand their study of trigonometry to include general triangles, and use functions and geometry to create models and solve contextual problems.

### ***Math 3 Honors/Precalculus***

Math 3 Honors will be moving at an accelerated pace and will include Precalculus concepts in order to prepare those scholars desiring calculus the following year. This class is ideal for scholars who desire to engage powerfully in the exciting possibilities of mathematics and will enjoy working with like minded scholars who are goal oriented and enjoy discussing and working together.

### ***Calculus***

Calculus is the study of change. It was developed as a method for studying the universe and is one of the most powerful tool in science's mathematical arsenal. In calculus we will learn how to tame infinity. We will provide means so that you can divide by zero. We will learn what limits, derivatives and integrals are, how to compute them, and most importantly, why they are useful and relevant.

### **Math Senior Elective**

Math senior elective is geared toward 12th grade scholars as an alternative to Math 3 who do not plan on attending college. Course will focus on math skills needed to navigate everyday life such as financial applications, budgeting, and other real-world applications.

## **Science**

<b>Course Name</b>	<b>Semester/Year</b>	<b>Grade</b>	<b>Credit</b>
Earth Science	Year	9th-12th	1.0 Science
Biology	Year	9th-12th	1.0 Science
Chemistry	Year	9th-12th	1.0 Science
Physics	Year	9th-12th	1.0 Science
Environmental Science	Year	9th-12th	.5 Science

## **Course Descriptions**

### **Earth Science**

Are you curious about space? Our Solar System? This diverse changing Earth we live on? Utah's fascinating geology? This mentor is curious also and LOVES learning about Earth and Space Science. Scholar-scientists learn and discover through hands-on labs, teamwork, outdoor experiences, reading, research, and exploring real-world problems. This full year course offers one core science credit.

### **Biology**

Biology is the study of living things. What is alive? How is it alive? How does it stay alive? How do living things persist? Scholars will use the scientific method to learn principles, connect discrete concepts, engage in critical thinking and discussion, and perform experiments. We will read primary sources from scientists such as Lynn Margulis, Gregor Mendel, Rosalind Franklin, and Charles Darwin. There are a couple of labs and dissections each semester. Each semester of biology has an oral exam in the form of an experiment-based presentation (essentially a science fair).

### **Chemistry**

Chemistry deals with the elements of our universe, how they interact with each other, and why. Scholars will use the scientific method to learn principles, connect discrete concepts, engage in critical thinking and discussion, and perform experiments. Study of chemistry involves plenty of

mathematics so a scientific calculator is required (you don't need a graphing calculator). We will study the "classic" experiments and scientists such as the Rutherford gold foil experiment, J. J. Thompson's discovery of electrons, and how radioactive decay and nuclear power plants function. There are a few labs each semester, where scholars must work in teams to safely perform the desired chemical reactions with an emphasis on safety and following directions. Each semester of chemistry has an oral exam in the form of an experiment-based presentation (essentially a science fair). This class is recommended for juniors and seniors, as well as younger scholars that are ready to work hard and learn.

### **Physics**

Physics is the study of matter, it's properties and how it interacts with the universe. In this class we will study motion, energy, waves, atoms, and relativity among other topics. Our explorations will take us from the scale of things smaller than atomic nuclei to the large scale structure of the entire universe. We will use mathematics as a tool to understand the current and past models of the universe.

### **Environmental Science**

As a major branch of biology, environmental science studies the interactions between living things and their environment. Scholars will use the scientific method to learn principles, connect discrete concepts, engage in critical thinking and discussion, and perform experiments. We will use real-life demographic and ecological data from the world to study how humans especially impact the Earth and analyze the views of authors like Aldo Leopold and Rachel Carson. There are a couple of labs each semester. Each semester of environmental science has an oral exam in the form of an experiment-based presentation (essentially a science fair).

## **World Languages**

<b>Course Name</b>	<b>Semester/Year</b>	<b>Grade</b>	<b>Prerequisite</b>	<b>Credit</b>
American Sign Language (ASL) 1	Year	9th-12th	None	1.0 World Language
American Sign Language (ASL) 2*	Year	9th-12th	Successful completion of high school ASL 1 or mentor approval	1.0 World Language
Chinese 1	Year	9th-12th	None	1.0 World Language
Spanish 1	Year	9th-12th	None	1.0 World Language
Spanish 2*	Year	9th-12th	Successful completion of high school Spanish 1 or mentor approval	1.0 World Language

**\*Mentor Approval Required**

## Course Descriptions

### ***American Sign Language (ASL) 1***

A year long introduction to American Sign Language and Deaf Culture. In this class scholars will learn fingerspelling, beginner vocabulary, social etiquette, and the history of the Deaf Community.

### ***American Sign Language (ASL) 2***

In their second full year of studying scholars will sharpen their signing skills to allow them to converse easily, tell stories, describe areas, translate songs, and dive deeper into Deaf History for a closer look at key issues for those in the Deaf World.

### ***Chinese 1 (Mandarin)***

This year-long course is designed for students who have never learned Chinese. Scholars will learn the Chinese reading, writing, speaking and listening skills and will be able to introduce themselves in Mandarin/Putonghua at the end of the course.

Scholars will learn about; greetings, self-introduction, food and Chinese festivals. They will also learn about Chinese culture. Scholars should be prepared to read and write around 40 simplified Chinese characters (字). They will also be introduced to Pinyin (拼音), the pronunciation of Chinese characters.

### ***Spanish 1***

Spanish I is a full-year course designed for scholars with little to no experience with the Spanish Language. In this course we explore the basic Spanish concepts like greetings, counting, dates, telling time, foods, and basic verb conjugations. We learn to form simple sentences, describe people and things, have a simple conversation and exchange basic information about likes/dislikes, hobbies and families. The focus is on being able to perform simple day-to-day tasks in Spanish. We also study the culture and history of the language and countries where Spanish is spoken. Their class will culminate with scholars writing a simple children's story to share with their classmates.

### ***Spanish 2***

In Spanish 2 we spend more time with verb conjugations and more complex sentence structure. We learn how to talk about events in the past, how to form and use commands, the differences between the verbs *ser* and *estar*, and how to read and write a simple story. More emphasis is placed on listening skills and conversational ability. We also exchange pen pal letters and read and listen to stories and songs in Spanish. The focus is on being able to have a brief conversation in Spanish and on being able to exchange information about events past and present in Spanish. This class will culminate with scholars either writing a story or creating a game which teaches a Spanish concept. All scholars who enroll in this class must have successfully completed a High School level Spanish 1 course or obtain teacher approval before being admitted.

## Fine Arts

<b>Course Name</b>	<b>Semester/Year</b>	<b>Grade</b>	<b>Credit</b>	<b>Class Fee</b>
Animation 1/2	Spring Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Art to Eat	Fall Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Comics & Cartoons	Fall Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Fine Arts Mastery*	Spring Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
The Great Artists	Fall Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Making It!	Fall Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Puppetry: In Art and Film	Spring Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Urban Art	Spring Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Video Game Workshop	Fall Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Dance Company*	Year	9th-12th	1.0 Fine Arts	<b>\$250-290.00 year</b>
Intro to Dance	Fall Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Dance 1	Spring Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Beginning Ballet	Spring Semester	9th-12th	.5 Fine Arts	<b>\$30.00 semester</b>
Bel Canto	Year	7th-12th	1.0 Fine Arts	<b>\$60.00 year</b>
Men's Chorus	Year	7th-12th	1.0 Fine Arts	<b>\$60.00 year</b>
A Capella*	Year	9th-12th	1.0 Fine Arts	<b>\$60.00 year</b>
Madrigals*	Year	9th-12th	1.0 Fine Arts	<b>\$60.00 year</b>
Beginning Strings	Year	7th-12th	1.0 Fine Arts	<b>\$100.00 year</b>
Intermediate Orchestra*	Year	7th-12th	1.0 Fine Arts	<b>\$100.00 year</b>
Chamber Orchestra*	Year	9th-12th	1.0 Fine Arts	<b>\$100.00 year</b>
Advanced Orchestra*	Year	9th-12th	1.0 Fine Arts	<b>\$100.00 year</b>
Beginning Band	Year	7th-12th	1.0 Fine Arts	<b>\$100.00 year</b>
Concert Band*	Year	7th-12th	1.0 Fine Arts	<b>\$100.00 year</b>

Jazz Band*	Year	9th-12th	1.0 Fine Arts	<b>\$100.00 year</b>
Percussion Ensemble	Fall Semester	7th-12th	.5 Fine Arts	<b>\$100.00 year</b>
America Through Music	Spring Semester	9th-12th	.5 Fine Arts	<b>None</b>
Musical Theater*	Fall Semester	9th-12th	.5 Fine Arts	<b>\$75.00 semester</b>
Intro to MDT	Spring Semester	9th-12th	.5 Fine Arts	<b>None</b>
Piano	Fall Semester	9th-12th	.5 Fine Arts	<b>None</b>
Shakespeare	Spring Semester	9th-12th	.5 Fine Arts	<b>\$50.00 semester</b>

**\*Audition/Interview Required**

## Course Descriptions

### *Animation 1/2*

This class is open to beginning artists, but is generally recommended for scholars who have taken previous art classes and feel relatively comfortable with basic drawing and cartooning. You certainly don't have to be a master artist to take this class, but you will definitely be challenged!

This animation workshop will provide scholars with introductory instruction in different types of animation. We'll explore hand-drawn animation, flipbooks, computer animation, and more! We'll discuss how to analyze award-winning animated movies, and learn about producing short films. Scholars will be asked to create original animations of their own.

Scholars who have taken this course before may instead choose to take the class as Animation 2. Animation 2 scholars do not need to do our basic animation exercises but instead will create a self-directed moviemaking project of their own.

\*Basic computer proficiency REQUIRED, basic drawing proficiency recommended.

**\$30.00 Class Fee Semester**

### *Art to Eat*

Have you ever dreamt of competing on creative Food Network shows like *Cake Boss*? If so, this is the course for you. Beyond a high-school foods class where scholars learn basic recipes for meals, here we will specifically study the artistic visual design of food throughout history. How have famous artists used it in their artwork? We will design our own cakes, candy sculptures, bento box art, packaging graphics, chocolate molds, still-life oil paintings, and more edible and food-inspired artworks, discovering where flavor and sight meet.

Class meets in the Art Room, but will occasionally have lessons in the kitchen. Activities will frequently involve food preparation.

**\$30.00 Class Fee Semester**

### *Comics & Cartoons*

Do you love Marvel? How about Cartoon Network? From Jack Kirby to Alex Hirsch, in this class, we'll study the greatest cartoon creators of all time. We'll discuss the fundamentals of drawing, anatomy, word art, character design, and creative storytelling. Scholars will have the chance to write their own comics, read comics and watch cartoons, and come up with their own unique cartooning projects. Make original characters, build fictional worlds, and increase your

confidence in core drawing techniques.

**\$30.00 Class Fee Semester**

### ***Fine Arts Mastery***

This class is made for those who are seriously interested in pursuing art as a lifelong career or preparing to attend art school. Scholars will be pushed to the next level by making their own goals for their creativity in this intense self-directed course. We will explore all art mediums and hold a higher level of performance and effort in critiquing work. This class offers the most artistic freedom to scholar artists out of all our art classes, but be aware that this is also a RIGOROUS course!

\*Scholars must receive mentor permission to join.

**\$30.00 Class Fee Semester**

### ***The Great Artists***

This introductory general art class will highlight principles of design, drawing, painting, sculpting, mixed media, and more through studying great artists throughout time. For every renowned artist we study, we'll do a related art project that will help us learn the basics of painting and drawing. Whether you're a seasoned artist or you've never drawn anything but stick figures before, this class is made for creators of all levels of experience.

**\$30.00 Class Fee Semester**

### ***Making It!***

Do you love to create, but feel that drawing isn't quite your thing? This is the class for you! Here, we will explore a variety of types of art that don't fit into the ordinary 'painting and drawing' box, including kiln ceramics, soap making, origami, resin casting, wire sculpture, jewelry, slimes, fabric crafts, wood burning, paper mache, paint pouring, floral arrangements and more! Art can be so much more than simply learning to sketch a face. We'll create tons of crafts that anybody can learn and enjoy. Come explore with us!

**\$30.00 Class Fee Semester**

### ***Puppetry: In Art and Film***

(Beginning Level Art. Also recommended to those who've taken Animation 1 or Animation 2)  
In this class, we'll learn everything there is to know about the art of puppetry. We will make and design our own Muppets and study how Jim Henson studios (the creators behind The Muppets and Sesame Street) use art to put on industry-standard puppetry productions. We will also explore the world of stop motion puppetry, and learn the intricacies of puppets for film, as seen in movies such as 'Coraline' and 'Wallace and Gromit.' Scholars will have the chance to make their own live puppetry skits, as well as their own puppet-animated short movies. This is more than making a dingy little sock puppet, but learning how to create memorable, lovable, and long-lasting characters such as Kermit the Frog and Jack Skellington.

**\$30.00 Class Fee Semester**

### ***Urban Art***

What divides fine art in highbrow museums from urban art? Why can a banana duct-taped to a wall sell for a hundred thousand dollars at a gallery, while most people will dismiss beautiful graffiti murals as 'not real art?' In this class, we'll explore contemporary art and many of the debates surrounding it, as well as what the future of art might look like. Is street art ethical or unethical? Has cryptocurrency ruined digital art? Should fan artists have their work destroyed by copyright laws? We'll study a variety of kinds of urban artwork in today's world, with a primary focus on modern pop culture. Activities will include spray paint, fashion design, sculpture making, drawing, album cover making, and more. If art isn't in a gallery, what makes it art?

**\$30.00 Class Fee Semester**



### ***Video Game Workshop***

In this class, we will learn all of the introductory basics to creating our own computer games. We will design original pixel art and animations, create retro games, and build our own explorable worlds with virtual reality headsets. Scholars will have the opportunity to publish their work on real game platforms like Steam and Itch.io, and attend field trips to a nickel arcade and a VR arcade at the end of the semester. Plus you don't need to know any code to join!

\*Basic computer proficiency REQUIRED.

***\$30.00 Class Fee Semester***

### ***Dance Company***

In this class we'll work on various genres of dance technique, study and apply compositional elements of choreography, experiment with dance for film, and focus on the art of performance—all while implementing healthy mental and physical practices. This course is a year-long commitment, audition only.

***\$250.00-290.00 Class Fee Year***

### ***Intro to Dance***

This course focuses on multiple genres of dance technique, along with some performance elements. Study dance terminology, dance history, and learn some choreography. No experience required.

***\$30.00 Class Fee Semester***

### ***Dance 1***

This course focuses on multiple genres of dance technique, along with some performance elements. Study dance terminology, dance history, and learn some choreography. This course is a continuation of Intro to Dance, so some experience is required.

***\$30.00 Class Fee Semester***

### ***Beginning Ballet***

Ballet is the foundation of all dance styles. Learn a little french vocabulary and build up your technical skills through a body-positive lens. No experience required.

***\$30.00 Class Fee Semester***

### ***Bel Canto***

This is a year-long class. Open to all scholars exhibiting a basic ability to sing as well as a desire to perform at both school and community performances. Emphasis will be placed on two part and three-part vocal music. scholars will learn basic note reading with emphasis on rhythm and general historical characteristics of music from all styles and periods of music history. The elements of healthy singing including good posture and good performance technique will be an important part of the curriculum. Attendance is required at a variety of performances and is a large part of end of class evaluation.

***\$60.00 Class Fee Year***

### ***Men's Chorus***

This is a year-long class. Open to all male scholars exhibiting a basic ability to sing as well as a desire to perform at both school and community performances. Emphasis will be placed on two part and three-part vocal music. scholars will learn basic note reading with emphasis on rhythm and general historical characteristics of music from all styles and periods of music history. The elements of healthy singing, including good posture and good performance technique will be an important part of the curriculum. Attendance is required at a variety of performances and is a large part of end of class evaluation.

***\$60.00 Class Fee Year***



### ***A Capella***

This is a year-long class. scholars must have a high level of note reading ability to enter this choir. This choir will perform moderate to difficult music from various periods of music history. A Capella will be composed of scholars who have prior experience singing in choirs and the desire to increase their musical abilities. They will be exposed to more difficult music and music including sight singing, music theory and music history. Attendance is required at a variety of performances. A uniform will be necessary.

***\$60.00 Class Fee Year***

### ***Madrigals***

This is a year-long class. A mature advanced choral class for SATB voices. Madrigal Singers must have note reading ability and pass an audition and basic music skills. The test will include some theory and basic sight reading. This group will perform madrigal music from the 15th and 16th centuries as significant choral literature from all periods. An extremely high level of citizenship, vocal ability, and attendance is expected. A uniform will be necessary.

***\$60.00 Class Fee Year***

### ***Beginning Strings***

An opportunity for any scholar to learn to play the violin, viola, cello or bass regardless previous experience! Beginning orchestra will teach scholars to play an instrument from step one, including instrument care and note reading. scholars in beginning orchestra will prepare music from various genres to perform at concerts. They will also have the opportunity to participate in music festivals. scholars are expected to practice at home and come to class prepared to have effective rehearsals. Beginning Orchestra is a year-long class.

***\$100.00 Class Fee Year***

### ***Intermediate Orchestra***

For scholars who have played their instrument for at least a year, can read music, and play 1-2 octave scales. Intermediate orchestra will focus on preparing music from a variety of genres for multiple performances. Intermediate Orchestra will help scholars further develop techniques on their instrument, note reading abilities, musicality and leadership. scholars in Intermediate orchestra are expected to practice at home and come to class prepared to have effective rehearsals. Scholars in intermediate orchestra will participate in a number of festivals and concerts during the year and will have the opportunity to travel. Intermediate Orchestra is a year-long class.

***\$100.00 Class Fee Year***

### ***Chamber Orchestra***

For scholars who can play 3 octave scales in tune, play in up to 8th position, and play solo music in Suzuki book 4 and above(or equivalent). Chamber orchestra will play technically difficult music from a variety of genres. Chamber orchestra will help build technique, strengthen sight reading abilities, develop musicality, and promote creativity and leadership. scholars in chamber orchestra will have to opportunity to play in small chamber ensembles as well as the orchestra. Chamber will perform multiple times throughout the year and have opportunities to travel, including a multiple night tour. scholars will also have the opportunity to play in local music festivals and events. We will also be playing in the pit orchestra for the school musical in May! scholars will be expected to be prepared for class and have effective rehearsals. Scholars in chamber orchestra will have the opportunity to play in a variety of small chamber ensembles in addition to their time with the full orchestra. Chamber Orchestra is a year-long class.

***\$100.00 Class Fee Year***

### **Advanced Orchestra**

For scholars who can play 2 octave scales in tune, play in up to 8th position, and play solo music in Suzuki book 2/3 and above (or equivalent). Advanced orchestra will play music from a variety of genres. Advanced Orchestra will help build technique, strengthen sight reading abilities, develop musicality, and promote creativity and leadership. Chamber will perform multiple times throughout the year and have opportunities to travel. scholars will also have the opportunity to play in local music festivals and events. We will also be playing in the pit orchestra for the school musical in May! scholars will be expected to be prepared for class and have effective rehearsals. Advanced Orchestra is a year-long class.

**\$100.00 Class Fee Year**

### **Beginning Band**

An opportunity for any scholar to learn to play the flute, clarinet, trombone, trumpet or Euphonium. (scholars can start Saxophone, French Horn, and Percussion after a year in the program playing another instrument.) The class will teach scholars to play an instrument as well as how to read notes. scholars will prepare pieces from a variety of genres to perform at concerts and music festivals. scholars are expected to practice at home and come prepared to have effective rehearsals in class. Beginning band is a year-long class.

**\$100.00 Class Fee Year**

### **Concert Band**

For scholars who have played in band for at least a year on their instrument, can sight read and play all 1 octave scales. Concert band will play a variety of music, including jazz, and prepare to perform it in concerts throughout the year. Concert band will focus on building sight reading, breath control, musicality and specific techniques on instruments. Concert band will participate in festivals throughout the year and have the opportunity to travel. Scholars in Concert Band will also have the opportunity to be part of the Paradigm Marching Band. Concert band is a year-long class.

**\$100.00 Class Fee Year**

### **Jazz Band**

Jazz Band is offered for scholars who have already completed a minimum of two years of band and have passed the audition to get into the group. Jazz Band meets at Zero hour, which is 6:40on Tuesdays and Thursdays, and 7:00 every other Friday. We will be studying Jazz techniques as well as improvisation. Get ready to perform in all the concerts as well as a few service and community opportunities. We are in need of saxophones, trumpets, trombones, percussion and pianists. Email Mr. Burt [dburt@paradigmhigh.org](mailto:dburt@paradigmhigh.org) to schedule an audition.

**\$100.00 Class Fee Year**

### **Percussion Ensemble**

In this fall-semester class, scholars will learn to play drums, keyboards, and other percussion instruments! The class will perform as a percussion ensemble in all school Band concerts during the fall semester. Scholars will then be expected to join Beginning Band or Concert Band in the spring semester, depending on their audition. Scholars in this class will need to purchase or rent an instrument and purchase a few sets of drumsticks and mallets (email Mr. Burt for details at [dburt@paradigmhigh.org](mailto:dburt@paradigmhigh.org)).

**Concert Band Percussionists:** Take this class *instead of Concert Band* in the Fall Semester. You'll register for Concert Band again in the spring.

**New Percussionists:** If you are interested in learning to play percussion, register for this class! Please note that you and your parent must sign a written commitment to register for Beginning Band the following semester.

Scholars will also be required to perform in school concerts and regional festivals, which may involve the opportunity for travel. Scholars are expected to practice at home and come prepared each day for class.

**\$100.00 Class Fee Year (Includes Fall Semester Percussion and Spring Semester Band)**

### ***America Through Music***

We're used to using literature as a lens through which we can examine society and culture, but have you ever thought about doing the same with music? In this semester-long high school course, scholars will learn musical fundamentals that they will then apply in exploring how musicians throughout history have created works of art, social commentary, and even aided political movements. In this course we will specifically be examining American culture, history, and society through music produced in our country. This course will be accessible for scholars of any musical experience level, whether it be none at all or a decade of practice.

### ***Musical Theater***

This class is by audition only. Please contact Ms. Shattuck if you have questions. In this class, we will be preparing to put on a full musical production, *Seussical the Musical!* The class will focus on rehearsing for the production as well as good vocal technique, acting skills, learning choreography and basic theater etiquette, etc. Students enrolled in the class will need to commit to a rather rigorous schedule of rehearsals which will include after school rehearsals, one all day Saturday rehearsal, and rehearsals which will go until approx.. 8:00pm during the final 2 weeks before the performance. It's hard work – but the payoff is amazing!! The class will include discussions of what makes good theater, why arts are important, being part of a team, personal responsibility and dedication. It is a wonderful opportunity for students to see what hard work and dedication (as well as talent!) can accomplish. Ask any member of this past year's cast or crew – Musical Theater is Awesome!!

**\$75.00 Class Fee Semester**

### ***Intro to MDT (Music/Dance/Theater)***

If you have ever wondered what MDT (Music/Dance/Theater) is all about, this is the class for you!! If you already love MDT – this is the class for you!!! If you are somewhere in between – this is the class for you!!! This will be a non-auditioned class in which we will explore the basic elements of MDT. We will watch musicals, have units on stage design, costume design, make-up design, staging, lighting/sound and other technical elements, and will put on a scholar showcase. Those with lots of experience can try their hand at writing, directing, choreographing and staging a scene. Those with less experience will have the opportunity to participate in both musical numbers and dialogue scenes and learn about the elements of successful theater. The semester will end with a scholar showcase in which we will present all of the things we have learned about through musical numbers and scenes largely produced by scholars. This is a great way to explore MDT and join in the fun of theater!

### ***Piano***

This class will explore the concepts of music theory and history along with basic piano skills. This class is great for scholars of all musical levels and all piano skill levels. Scholars will learn basic piano skills and theory concepts. We will explore music history and how elements of historical eras were reflected in the music of the time. Scholars will experience a hybrid curriculum of both traditional and contemporary music. This will also include exposure to *by ear* methods of learning, in addition to learning traditional notation. All scholars will learn to play both solo and duet pieces on the piano. Those with more advanced piano skills will explore more difficult pieces. While this is not "piano lessons", scholars will explore the piano and the semester will culminate with a class recital. No prior experience required.

## Shakespeare

A well known master of intrigue, murder, jealousy, star-crossed lovers, and comedy, William Shakespeare's works have gone down in history as classics for good reason! In this class scholars will get to know the colorful world of Elizabethan England as we learn about the bard, the Globe Theatre, and some of his most famous plays. Since Shakespeare's works were meant to be seen on the stage and performed, we will be experiencing Shakespeare's works on the page, in film, *and* on stage to experience the advantages and disadvantages that each media brings to the work. For the final project each scholar will select a monologue or scene from one of Shakespeare's works to practice and then perform in our end of semester festival event to try their hand at bringing the classics to life themselves and join in a performance tradition that is over four centuries old.

**\$50.00 Class Fee Semester**

## Digital Studies

<i>Course Name</i>	<i>Semester/Year</i>	<i>Grade</i>	<i>Credit</i>	<i>Class Fee</i>
Digital Studies	Fall, Spring Semester	9th-12th	.5 Digital Studies	<b>None</b>

## Course Descriptions

### *Digital Studies*

An introductory class that covers foundational computer skills.

## Financial Literacy

<i>Course Name</i>	<i>Semester/Year</i>	<i>Grade</i>	<i>Credit</i>
Financial Literacy	Fall, Spring Semester	11th, 12th	.5 Financial Literacy

## Course Descriptions

### *Financial Literacy*

How can financial management help us have, do and be what we want most in life? This is a practical and hands-on class which empowers scholars with the vocabulary, concepts and skills required for a variety of financial situations, both now and in the future. You will learn to speak the language of finance, helping you navigate the worlds of employment, banking, taxes, budgeting, buying your first car, saving, investing, and more. Information and skills gained in this class will help you understand your relationship to money, learn to manage it effectively, and build healthy habits for long term financial well-being.

## Career and Technical Education (CTE)

<b>Course Name</b>	<b>Semester/Year</b>	<b>Grade</b>	<b>Credit</b>	<b>Class Fee</b>
11th Grade College & Careers/ACT Prep	Fall, Spring Semester	11th	.5 CTE	<b>None</b>
Computer Programming 1	Fall Semester	9th-12th	.5 CTE	<b>None</b>
Computer Programming 2	Spring Semester	9th-12th	.5 CTE	<b>None</b>
Content Creation & Tech Crew	Year	9th-12th	1.0 CTE	<b>None</b>
Photography 1	Fall, Spring Semester	9th-12th	.5 CTE	<b>\$30.00 semester</b>
Robotics	Spring Semester	9th-12th	.5 CTE	<b>\$30.00 semester</b>
Web Development 1	Fall Semester	9th-12th	.5 CTE	<b>None</b>
Web Development 2	Spring Semester	9th-12th	.5 CTE	<b>None</b>
Yearbook*	Year	9th-12th	1.0 CTE	<b>\$30.00 year</b>

**\*Audition/Interview Required**

### Course Descriptions

#### **11th Grade College & Careers/ACT Prep**

This course is designed for 11th graders and will prepare them for college and career readiness. One half of the semester will be spent exploring different careers and colleges, resume writing, applying for scholarships and more. The other half of the semester will focus on ACT prep. All 11th graders will take the ACT in the Spring.

#### **Computer Programming 1**

An introductory course in program engineering and applications. The course introduces students to the fundamentals of computer programming. Students will learn to design, code, and test their own programs while applying mathematical concepts. Teachers introduce basic coding concepts and problem-solving skills.

#### **Computer Programming 2**

This course introduces students to more complex data structures and their uses including sequential files, arrays and classes. Students will learn to create more powerful programs within a specific programming language.

#### **Content Creation & Tech Crew**

Editing, recording and engineering both sound and film are skills that have been increasing demand in the workforce. This class is designed to help scholars learn the skills required for content creation and stage production. Scholars will be encouraged to work on their own

projects while also assisting in school productions such as concerts, the podcast and other projects to develop these skills throughout the year. From tech crew to the correct use of film equipment and editing software, the class will endeavor to address the desires of the individual while satisfying the needs of the school as a whole.

### ***Photography 1***

Scholars in Photography will develop and expand their skills in producing both artistic and commercial photographs using digital DSLR cameras and equipment. Photography meets the credit requirements for Career and Technical Education (CTE), Fine Art, and elective graduation requirements. scholars learn to take artistic digital photos following rules of composition, light, exposure, elements of art and principles of design which also enhances their ability to produce quality commercial work. Adapting and updating a scholar's skill set to the ever changing software and hardware technology is a constant goal of all the photography courses. We highly recommend having your own camera but it's not required.

***\$30.00 Class Fee Semester***

### ***Robotics***

Robotics is a lab-based, hands-on class that combines electrical, mechanical, and engineering principles. In this class scholars will seek to understand the basic mechanical and electrical components used in robots and mechatronic devices by actually designing, building, and programming these devices.

***\$30.00 Class Fee Semester***

### ***Web Development 1***

Web Development 1 is a course designed to guide students in a project-based environment in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: HTML5 coding and Cascading Style Sheets (CSS).

### ***Web Development 2***

Students follow the steps to create a website by planning, designing, developing, deploying, and maintaining the website projects. Students will learn and use different scripting technologies to create more dynamic and interactive websites. They will learn what it takes for a career in web development as they complete projects and create their own website(s).

### ***Yearbook***

Scholars will create the school yearbook for 2022-23. Writing, photography, editing, interviewing, organization will all be incorporated into the class. Scholars must meet deadlines. Mentor approval is required.

***\$30.00 Class Fee Year***

# Healthy Lifestyles

<i>Course Name</i>	<i>Semester/Year</i>	<i>Grade</i>	<i>Credit</i>
Basketball	Semester	Any	.5 ILA
Health	Semester	Any	.5 Health
Mindful Movement	Semester	Any	.5 ILA
Physical Fitness	Semester	Any	.5 Fitness for Life
Team Sports	Semester	Any	.5 PST
Yoga	Semester	Any	.5 ILA

## Course Descriptions

### ***Basketball***

The basketball class will break down each aspect of the game. We will study the history of the game, team philosophy and strategy, players, current basketball news and games. Of course we will hoop it up!

### ***Health***

Health explores the journey to living a maximum potential life. We examine the relationship between our bodies, our minds and our culture to better understand how we can build the life of our dreams. Drug awareness, sexual education, social/spiritual connections and foods and nutrition lay the foundation for this semester long class.

### ***Mindful Movement***

This semester-long elective will be an exploration of ancient and modern day movement practices from around the world. We will explore their histories, applications and their cultural significance. Some examples of movement we will be engaging in and studying are Tai Chi, Yoga, Pilates, Park Corp, Qigong, Kung Fo, Just Dance, 5 Rhythms Movement and more. Each class will have at least 45 minutes of movement.

### ***Physical Fitness***

Come get fit! Scholars will see progress in their strength, tone and cardiovascular endurance using their own body weight, dumbbells, kettlebells, and medicine balls. We will be learning and applying different techniques to creating a lifelong, healthy lifestyle. Remember, with the mind and body working as one we can achieve amazing results!

### ***Team Sports***

We will be learning about and playing various team sports including (but not limited to) basketball, volleyball, football, soccer, kickball, ultimate frisbee and dodgeball. Competing on teams will create a unified mission for individual and group success and increased confidence.



## Yoga

Yoga is an ancient practice that integrates the art and science of the body. SOLA is an acronym that captures the essence of our modern day Yoga practice. It stands for S-self-awareness, O-observation, L-love and A-acceptance. The SOLA tenets are woven into the physical practice through deep breathing, playful poses, intense stretching and strengthening poses. No experience is necessary. scholars can expect to practice for 60 minutes for each class period.

## Electives

<i>Course Name</i>	<i>Semester/Year</i>	<i>Grade</i>	<i>Credit</i>
SBO	Year	Any	1.0 Elective
Survival Class	Fall Semester	9th-12th	.5 Elective

### **Survival Class**

Congratulations, if you're reading this it means that you've survived life so far! Ever wondered what skills have gotten you and the rest of the human race this far, and what might get us even further? Join this semester-long class to rewind all the way back to the beginning of society to see why people live and work together in groups in the first place, how we naturally function in emergencies, and how to improve on our first instincts. In this class we will be exploring what it means to be human, what it means to be a society, practical survival skills for both every day and the end of the world, from first aid to fire starting. Scholars signing up for this course should be ready to work well with others, roll up their sleeves for hands on learning, and expand their comfort zones as the final exam will be a supervised overnight camping trip simulation where they and their classmates will have to use everything they've learned this semester to survive the night together and prove that they have what it takes to rely on each other and survive as a group.