Highlands Prep Academy

Course Catalog

2025-2026

Welcome

At Highlands Prep Academy, we believe every student deserves a flexible, enriching, and academically rigorous education—no matter where they learn. Our online PreK–12 curriculum offers a full range of core subjects, electives, and enrichment opportunities designed to support individual learning styles and goals. With asynchronous coursework, students can move at their own pace while receiving support from experienced teachers and grading specialists.

Our elementary programs focus on foundational skills in reading, writing, math, Science, and social studies, with engaging enrichment options in art, physical education, foreign language, and more. As students transition into middle school and high school, they explore advanced academic topics, acquire real-world skills, and discover personal interests through electives in areas such as coding, business, fitness, and the arts.

Students can also earn credit through approved third-party learning activities, from athletics and theater to music and baking, encouraging them to learn beyond the screen and connect with their local communities.

Whether your learner is just beginning their academic journey or preparing for graduation and beyond, our courses are designed to spark curiosity, build confidence, and foster a lifelong love of learning.

Welcome to a school where flexibility meets excellence.

Welcome to Highlands Prep Academy.

Dr. Rachel Gramann

Principal

Contents

Minimum System Requirements

To ensure a smooth and successful learning experience at Highlands Glen Academy, students are required to use a device that meets or exceeds the following system requirements. These guidelines apply to accessing our online courses, submitting assignments, and using integrated learning platforms.

For Windows PCs

- **Operating System:** Windows 10 or newer
- **Processor:** Intel Core i3 or equivalent (minimum)
- **Memory (RAM):** 4 GB minimum (8 GB recommended)
- **Storage:** At least 10 GB of free space
- **Browser:** The Latest version of Google Chrome, Firefox, or Microsoft Edge
- **Display:** 1280x720 resolution or higher
- **Internet:** Stable broadband connection (5 Mbps minimum)
- **Other:** Microphone and speakers (or headset); webcam for proctored assessments

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For Mac Computers

- **Operating System:** macOS 10.15 (Catalina) or newer
- **Processor:** Intel Core i3 or Apple M1 chip or better
- **Memory (RAM):** 4 GB minimum (8 GB recommended)
- **Storage:** At least 10 GB of free space
- **Browser:** The Latest version of Google Chrome, Safari, or Firefox
- **Display:** 1280x720 resolution or higher
- **Internet:** Stable broadband connection (5 Mbps minimum)
- **Other:** Microphone and speakers (or headset); webcam for proctored assessments

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For Tablets (iPad or Android)

Note: Tablets are best for viewing lessons, reading content, and completing lightweight activities. Some interactive platforms and typing-heavy assignments may require a full keyboard or computer.

- **Operating System:**
  - iPadOS 15.0 or newer
  - Android 10.0 or newer
- **Browser:** The Latest version of Chrome or Safari
- **Screen Size:** 9 inches or larger recommended
- **Internet:** Stable Wi-Fi connection (5 Mbps minimum)
- **Accessories:** An External keyboard is strongly recommended for written work

General Requirements for All Devices

- Updated antivirus software
- JavaScript and cookies are enabled
- PDF reader installed (e.g., Adobe Acrobat Reader)
- Ability to install browser extensions and use embedded media tools

Math

Our math program is designed to help students build a deep, lasting understanding of mathematical concepts, from early numeracy to advanced high school topics. Courses are developmentally aligned, skill-based, and paced to allow for mastery, with built-in review and real-world applications. Instruction focuses on conceptual understanding, procedural fluency, problem-solving, and critical thinking.

In the early grades (Pre-K–2nd), students build number sense through hands-on exploration of counting, comparing, place value, basic addition and subtraction, and understanding shapes and patterns. Pre-K includes play-based activities that reinforce number recognition and sorting, while students in K–2 begin to learn written computation, simple word problems, and concepts related to calendars and measurement.

In grades 3–5, students deepen their understanding of operations with whole numbers and begin working with fractions, decimals, and multi-step word problems. Geometry, measurement, and data are introduced in practical contexts. Fact fluency, place value understanding, and estimation are emphasized to support flexible thinking and reasoning. By 5th Grade, students are adding, subtracting, multiplying, and dividing with fractions and decimals. They are introduced to volume and coordinate planes.

Middle school math (grades 6–8) transitions students from arithmetic to algebraic thinking.

- In Grade 6, students work with ratios, rates, fractions, decimals, integers, and introductory statistics.
- Grade 7 expands to rational numbers, proportional relationships, solving equations, and probability.
- Grade 8 prepares students for high school algebra by covering topics such as linear equations, functions, the Pythagorean Theorem, and geometry.

In high school, students choose between a traditional or integrated pathway:

- The traditional track includes Algebra 1, Geometry, and Algebra 2, each building on the last to develop skills in expressions, equations, functions, graphing, and advanced algebraic reasoning.
- The integrated track weaves together algebra, geometry, and data analysis over three consecutive courses: Integrated Math 1, Integrated Math 2, and Integrated Math 3. Students may pursue either pathway, but not both.

Advanced math options include Precalculus, which introduces functions, trigonometry, and advanced algebra, and Calculus, which provides for limits, derivatives, and integrals. Students also have the option to take Applied Statistics, a real-world-focused course that emphasizes data collection, interpretation, and presentation using graphs, charts, and statistical procedures.

Across all grade levels, the program incorporates regular spiral review, problem-solving practice, and the application of math to real-world contexts. Courses support multiple learning styles and prepare students not only for tests but also for thinking mathematically in everyday life.

Elementary

Pre-K Math - 1 credit

Pre-K Math introduces young learners to foundational math concepts through engaging activities, videos, and games. Students will explore numbers and counting, beginning with numbers up to 3 and gradually increasing to 20. The course also covers comparing groups, identifying and describing shapes, understanding positions and patterns, and exploring basic addition and subtraction using visual supports like cubes and pictures. With interactive tools and developmentally appropriate lessons, this course helps children build a strong foundation in math through hands-on exploration and play.

Kindergarten Math - 1 credit

Students will explore numbers and counting, compare groups, practice basic addition and subtraction, and begin to understand place value and number patterns. The course also introduces measurement, time, money, data, and geometry, including both two- and three-dimensional shapes. With playful problem-solving and visual models, students gain confidence as they learn to represent, compare, and work with numbers up to 100. This course lays a strong foundation for future math learning through hands-on exploration and skill development.

1st Grade Math – 1 credit

Students explore skip-counting, comparison strategies, and equations using symbols and models to enhance their understanding. The course also covers time, money, measurement, data, and basic geometry, including two- and three-dimensional shapes. Lessons introduce early concepts of fractions and reinforce math reasoning through real-world applications and hands-on activities, helping students grow into confident and capable problem solvers.

2nd Grade Math - 1 credit

Learners will develop their understanding of place value, addition, and subtraction up to three digits, repeated addition, and problem-solving with word problems. The course also covers time, money, data, measurement in customary and metric units, and basic geometry, including shapes, area, and fractions. Through real-world applications and interactive practice, students strengthen their reasoning skills and lay the foundation for more advanced math in future grades.

3rd Grade -Math 1 credit

The course includes problem-solving with all four operations, understanding area and perimeter, measuring time and volume, interpreting data, and working with equivalent fractions. Students also explore geometry concepts such as classifying shapes and

understanding angles. With real-world applications and interactive practice, learners develop strong mathematical reasoning and prepare for more complex topics in later grades.

4th Grade Math - 1 credit

Learners will explore place value to the millions, perform multi-digit multiplication and division, compare and operate with fractions and decimals, and analyze patterns. The course also covers areas, perimeter, measurement conversions, data interpretation, and geometry topics such as angles and symmetry. Through a variety of engaging lessons and real-world problems, students gain the confidence and skills needed for upper elementary math.

5th Grade Math - 1 credit

Students will practice adding, subtracting, multiplying, and dividing with fractions and decimals, analyze patterns, and solve multi-step word problems. The course also covers volume, coordinate planes, classification of two-dimensional figures, and interpreting data. Through interactive lessons and applied practice, learners strengthen their problem-solving abilities and develop a solid foundation for future math success.

Middle School

6th Grade Math - 1 credit

Learners will strengthen their skills in operations with whole numbers, decimals, fractions, and integers while exploring ratios, rates, and percents. The course expands into evaluating expressions, solving one-variable and two-variable equations, graphing on the coordinate plane, and analyzing proportional relationships. Students also study geometry topics, including angles, area, surface area, and volume, and develop data literacy through the use of statistics, graphs, and probability. With real-world applications and interactive practice, this course builds a strong foundation for pre-algebra.

7th Grade Math - 1 credit

Students explore integers, rational numbers, fractions, and decimals while learning to apply these concepts through real-world problem solving. The course introduces expressions, equations, and inequalities, as well as proportional relationships, percents, and rates. Learners analyze data using statistics and probability, work with exponents and roots, and solve geometric problems involving angles, area, surface

area, and volume. Through a broad range of interactive lessons, students develop confidence and fluency with key middle school math concepts.

8th Grade Math - 1 credit

Students explore integers, rational and irrational numbers, exponents, scientific notation, and roots. They solve linear equations and inequalities, analyze proportional relationships, work with functions, and interpret slope and rate of change. Geometry topics include angles, transformations, volume, the Pythagorean Theorem, and similarity. Students also engage with statistics, probability, and systems of equations. Through interactive lessons, students deepen their reasoning skills and prepare for Algebra I and beyond.

High School

Note: Students may choose to follow either the traditional math pathway (Algebra 1, Geometry, Algebra 2) or the Integrated Math pathway (Integrated Math 1, 2, and 3). These two tracks cover similar concepts in a different sequence. Students may not receive credit for both tracks. Once a student begins one pathway, they must complete it to earn full high school math credit.

Algebra 1 - 1 credit

Algebra 1 introduces students to the foundational concepts of algebra, including expressions, equations, functions, and data analysis. Students develop fluency with operations involving integers, rational numbers, exponents, and polynomials while building skills in simplifying expressions, solving linear equations and inequalities, and working with absolute value. The course also explores systems of equations, quadratic functions, exponential relationships, and data interpretation through graphs and statistics. Students learn to model real-world situations using algebraic reasoning and apply multiple solution strategies to find the most effective approach. This course lays the groundwork for higher-level math courses, helping students think critically and analytically.

Prerequisite: Pre-Algebra or 8th-grade math

Geometry - 1 credit

Geometry guides students through the foundational concepts of shapes, space, and reasoning using a mix of logic, visual models, and algebraic methods. Students explore points, lines, angles, polygons, circles, and three-dimensional figures while applying

properties, theorems, and constructions to analyze relationships and solve problems. The course emphasizes congruence, similarity, transformations, coordinate geometry, and trigonometry, with units on logic and proofs, right triangle relationships, surface area, volume, and circles. Students develop precision and reasoning as they write geometric proofs, solve real-world measurement problems, and connect algebraic and geometric ideas through graphs and equations.

Prerequisite: Algebra 1

Algebra 2 - 1 credit

Algebra 2 expands on foundational algebra concepts and introduces students to more advanced topics in algebra, geometry, trigonometry, and statistics. The course includes solving complex equations and inequalities, working with functions and transformations, and exploring polynomial, exponential, logarithmic, and rational functions. Students also study systems of equations, conic sections, matrices, sequences and series, and probability distributions. Trigonometric functions and identities are explored in depth, along with real-world applications of data analysis and interpretation. This course strengthens students' mathematical reasoning and prepares them for Precalculus and other higher-level math courses.

Prerequisite: Geometry

Integrated 1 - 1 credit

Integrated Math 1 blends algebra, geometry, functions, statistics, and mathematical reasoning into a unified course that builds essential problem-solving skills. Students begin by exploring variable expressions, equations, and inequalities before moving into functions and graphing, including both linear and exponential models. The course also includes systems of equations, sequences, and a thorough introduction to data analysis and probability. Later units incorporate foundational concepts in geometry, constructions, coordinate geometry, and transformations. Emphasizing real-world applications and multiple representations, this course encourages students to make connections across mathematical domains and prepare for deeper study in Integrated Math 2.

Prerequisite: Pre-Algebra or 8th-grade math

Integrated 2 - 1 credit

Integrated Math 2 expands on foundational algebra and geometry concepts while introducing more advanced topics to develop mathematical reasoning and real-world problem-solving skills. Students explore rational and irrational numbers, as well as exponential and radical expressions, and operations with polynomials. The course establishes a solid foundation in quadratic equations and functions, as well as transformations and operations on functions. Geometry topics include congruent and similar triangles, quadrilaterals, and proofs, as well as right triangle trigonometry and properties of circles. Students also study probability, coordinate geometry, and volume, culminating in the analysis of conic sections, such as circles and parabolas.

Prerequisite: Integrated Math 1

Integrated 3 - 1 credit

Integrated Math 3 prepares students for advanced high school and college-level mathematics by integrating algebra, geometry, trigonometry, and statistics into a comprehensive course. Students explore transformations and operations with functions, systems of equations (including three variables and complex numbers), quadratic and polynomial equations, and radical and rational expressions. The course also develops skills in logarithmic and exponential functions, conic sections such as parabolas and circles, and advanced trigonometry, including the unit circle, identities, and functions. Additional topics include sequences, probability distributions, statistical analysis, and experimental design, with an emphasis on both conceptual understanding and practical application.

Prerequisite: Integrated Math 2

Applied Statistics - 1 credit

Applied Statistics introduces students to the concepts and tools used to collect, analyze, and interpret data in real-world contexts. Students explore types of data, sampling methods, and common biases before learning to organize data using tables, graphs, and summary statistics. The course covers probability, distributions, measures of central tendency and variability, and the basics of inferential statistics. Students apply statistical reasoning through hands-on projects involving surveys, experiments, and data analysis using technology. Emphasis is placed on making data-driven decisions and communicating findings clearly, preparing students for further study or careers in fields that rely on statistical thinking.

Prerequisite: Algebra 2 *or* Integrated Math 3

Precalculus - 1 credit

Precalculus deepens students' understanding of advanced mathematical concepts and prepares them for calculus and other college-level math courses. This comprehensive course covers a wide range of topics, including functions, polynomials, rational expressions, exponents and logarithms, matrices, conic sections, complex numbers, sequences and series, vectors, trigonometry, and statistics. Students explore transformations, solve systems of equations and inequalities, analyze graphs, and work with limits and derivatives at an introductory level. The course emphasizes problem-solving, mathematical reasoning, and real-world applications to build the skills needed for success in higher mathematics.

Prerequisite: Algebra 2 *or* Integrated Math 3

Calculus - 1 credit

Calculus explores foundational and advanced topics in differential and integral calculus, equipping students with the tools to understand and solve complex mathematical problems. Students begin by analyzing limits, continuity, and rates of change, then move into the core concepts of derivatives and their applications. They learn differentiation techniques, apply derivatives to real-world scenarios such as motion and optimization, and study the behavior of functions through first- and second-derivative tests. Integration is introduced through approximating area, definite and indefinite integrals, and the Fundamental Theorem of Calculus. The course concludes with integration techniques and applications, preparing students for college-level math and STEM fields.

Prerequisite: Precalculus

Language

Our literature and language arts program provides a comprehensive, developmentally appropriate sequence from Pre-K through 12th Grade. Each course is designed to build strong readers, writers, and critical thinkers while fostering a lifelong love of literature.

In the early grades (Pre-K through 2nd), students focus on foundational literacy skills, including phonics, reading fluency, vocabulary development, and handwriting. Literature selections include picture books, folktales, and age-appropriate classic stories that support comprehension, sequencing, and retelling. Writing instruction begins with sentence formation, story structure, and creative expression.

By grades 3 through 5**,** students read longer texts and begin exploring genre, character development, and the author's purpose. Writing encompasses narrative, opinion, and expository pieces, with a continued focus on developing grammar, mechanics, and vocabulary. Students are introduced to classic children's literature and are expected to read independently and respond to texts in writing.

In middle school (grades 6–8)**, s**tudents refine reading comprehension and analytical skills through a variety of literary and informational texts. They examine theme, tone, figurative language, and argumentation. Writing instruction emphasizes text-based analysis, structured essays, and research skills. Students read a variety of texts, including short stories, novels, poetry, and historical documents, such as accessible classics like *The Outsiders* and *Narrative of the Life of Frederick Douglass*.

At the high school level (grades 9–12), literature studies follow a progression of global, historical, and thematic depth.

Grade 9 focuses on *Classical Literature*, including epics, mythology, and foundational narratives.

Grade 10 covers *American Literature*, connecting literary movements to U.S. history.

Grade 11 explores *World Literature*, engaging with diverse global voices and cultural contexts.

In addition, students may opt to take *Worldview and Literature*, which explores how texts reflect and shape beliefs and values.

Grade 12 highlights *British Literature*, tracing literary tradition from the Anglo-Saxon period to modern times.

Throughout the high school program, students are expected to complete reading assignments from classic literature, write structured essays, and develop skills in research, argumentation, and literary analysis. Vocabulary and grammar instruction support college and career readiness.

All courses are aligned with academic standards and designed to support students' growth as thoughtful readers, clear writers, and reflective thinkers. Classic book lists and reading requirements are provided within each course.

Elementary

Pre-K LA - 1 credit

This interactive and engaging course introduces young learners to the foundations of reading through fun games, videos, and skill-building activities. Students will explore the alphabet, develop phonemic awareness, and begin recognizing letter-sound associations. Lessons cover rhyming, syllables, sight words, and short vowel sounds, while also introducing basic vocabulary like nouns, verbs, adjectives, and opposites. With a strong focus on early literacy, this course helps prepare students for kindergarten by building confidence, curiosity, and a love for reading.

Kindergarten LA - 1 credit

This foundational course builds early reading and language skills through engaging videos, games, and hands-on activities. Students learn to identify and write letters, recognize sight words, and develop phonemic awareness through rhyming, syllables, and sound blending. As they grow more confident, students explore short and long vowel sounds, beginning and ending consonants, and simple digraphs and blends. Reading strategies focus on comprehension, sequencing, characters, and setting using both literary and informational texts. Students also strengthen vocabulary, grammar, and mechanics by working with verbs, adjectives, punctuation, and sentence formation. This course sets the stage for a lifelong love of reading and writing.

1st Grade LA - 1 credit

This engaging course helps first graders grow into confident readers and writers through fun and interactive lessons. Students explore foundational reading skills, including phonics, rhyming, syllables, and vowel sounds, while strengthening their decoding skills with digraphs, blends, and sight words. Reading strategies support the comprehension of both fiction and nonfiction texts, including identifying the main idea, making inferences, and understanding characters and their settings. Vocabulary expands through word categories, synonyms, antonyms, and context clues. Grammar and writing instruction introduce nouns, verbs, adjectives, punctuation, capitalization, contractions, and sentence structure. With videos, games, and read-alouds, this course builds a strong foundation for literacy success.

2nd Grade LA - 1 credit

This comprehensive course helps second graders develop confidence as readers and writers through engaging lessons and interactive practice. Students strengthen foundational reading skills by exploring syllables, vowel patterns, digraphs, blends, and word families. They apply reading strategies to both fiction and nonfiction texts,

including sequencing, inferring, identifying cause-and-effect relationships, and utilizing text features. Vocabulary development includes prefixes, suffixes, compound words, synonyms, antonyms, and homophones. Writing instruction covers topic sentences, descriptive details, linking words, and opinion writing. At the same time, grammar lessons include nouns, pronouns, verbs, adjectives, adverbs, contractions, and punctuation. With read-alouds, games, and videos, students continue building strong literacy skills for academic success.

3rd Grade LA - 1 credit

In this comprehensive course, third graders continue building strong reading, writing, and language skills through interactive lessons and engaging texts. Students develop reading fluency and decoding strategies using multisyllabic words, vowel teams, and word patterns. They apply reading strategies to understand main ideas, themes, inferences, and text structure across both literary and informational texts. Writing instruction focuses on organizing ideas, writing topic sentences, using descriptive and opinion details, and revising for clarity and variety. Vocabulary expands with prefixes, suffixes, roots, and word relationships. At the same time, grammar lessons explore parts of speech, sentence types, punctuation, and formatting. Students become more confident communicators across reading, writing, and speaking.

4th Grade LA - 1 credit

This dynamic course helps students become fluent readers and skilled writers through a wide range of engaging texts, lessons, and activities. Students build comprehension by analyzing main ideas, themes, text structures, story elements, and literary devices across both fiction and nonfiction. Writing instruction focuses on organizing ideas, crafting strong introductions and conclusions, and developing opinion and descriptive pieces with clear support. Vocabulary lessons cover prefixes, suffixes, Greek and Latin roots, idioms, homophones, and word relationships, while grammar instruction focuses on sentence structure, parts of speech, verb tenses, punctuation, and mechanics. Through interactive practice, students develop reading fluency, writing clarity, and confidence in communication.

5th Grade LA - 1 credit

This comprehensive course helps students strengthen their reading, writing, and language skills through a wide range of engaging texts and lessons. Students explore key reading strategies, including identifying main ideas, analyzing themes, making inferences, and comparing points of view, across literary and informational texts. Writing instruction focuses on organizing ideas, crafting effective introductions and

conclusions, summarizing, and developing skills in opinion and descriptive writing. Vocabulary is expanded through work with prefixes, suffixes, Greek and Latin roots, homophones, idioms, analogies, and context clues. Students also sharpen their grammar and mechanics skills by working with sentence structure, parts of speech, punctuation, formatting, and spelling. With interactive activities, games, and videos, this course prepares students for more advanced language use in upper grades.

Middle School

6th Grade LA - 1 credit

Students will develop strong communication skills by receiving advanced instruction in reading, writing, vocabulary, and grammar. Students develop comprehension by analyzing main ideas, themes, the author's tone and perspective, and literary devices in both fiction and nonfiction texts. Writing lessons focus on clear organization, persuasive and expository writing, creative expression, and the use of supporting evidence. Students also learn to research, cite sources, and evaluate arguments. Vocabulary development includes Greek and Latin roots, prefixes and suffixes, homophones, idioms, analogies, and domain-specific words. Grammar instruction covers sentence structure, verb tense, parts of speech, punctuation, and formatting. With interactive activities, videos, and engaging practice, students develop confidence as readers and writers, preparing them for success in middle school.

7th Grade LA - 1 credit

Deepens students' reading, writing, and language skills through challenging texts and advanced concepts. Students analyze themes, tone, point of view, text structure, and literary devices in both fiction and nonfiction texts. They learn to trace arguments, compare genres, and cite textual evidence to support analysis. Writing instruction emphasizes expository, persuasive, and creative writing, with a focus on clear organization, strong voice, and practical word choice. Students also develop research skills, including proper citation and identifying bias. Vocabulary expands through the study of prefixes, suffixes, roots, synonyms, antonyms, homophones, analogies, and context clues. Grammar lessons strengthen understanding of sentence structure, clauses, verb tenses, pronouns, modifiers, and punctuation. Through engaging videos and interactive activities, students grow as critical readers and confident communicators.

8th Grade LA - 1 credit

This rigorous course challenges students to analyze complex texts, strengthen their writing skills, and sharpen their command of language. Students explore fiction and nonfiction through themes, text structures, tone, and literary devices, while developing skills in argument analysis and text comparison. Writing instruction includes expository, persuasive, and creative writing, with a focus on organization, clarity, and evidence-based reasoning. Vocabulary instruction builds word knowledge through the study of Greek and Latin roots, prefixes, suffixes, context clues, and word relationships. Grammar and mechanics lessons cover sentence types, clauses, verb tense and mood, modifiers, punctuation, and formatting. With interactive lessons and literature studies, students develop the skills necessary for high school-level reading and writing with confidence.

High School

English 1 (Classical Literature) - 1 credit

This literature-rich course introduces students to foundational works from classical mythology, epic poetry, and ancient drama while building strong reading, writing, and critical thinking skills. Students analyze themes, characters, and literary techniques in timeless texts, exploring how classical stories have shaped literature through the centuries. Writing instruction encompasses literary analysis, argumentative writing, and narrative composition, with a focus on structure, clarity, and the use of textual evidence. Vocabulary lessons focus on word roots, context clues, and academic language, while grammar study reinforces sentence structure, punctuation, and usage. Through interactive practice and guided reading, students develop the skills necessary for high school success by engaging in a deep exploration of classical texts.

English 2 (American Literature) - 1 credit

This course guides students through a rich exploration of American literature, from early foundational texts to modern classics. Students analyze how historical context, authorial perspective, and literary techniques shape meaning across various genres, including poetry, drama, novels, and speeches. Writing instruction emphasizes analytical essays, research papers, and narrative writing, with a focus on organization, clarity, and the effective use of textual evidence. Vocabulary development encompasses academic terms, roots, and affixes, as well as context-based word learning. Grammar and mechanics lessons help students refine sentence structure, verb usage, punctuation, and formatting. Through engaging readings and skill-building activities, students develop a deeper understanding of American voices and themes while strengthening their communication skills.

English 3 (World Literature) - 1 credit

This course invites students to explore literary masterpieces from around the world and across time, including epics, poetry, folktales, drama, and modern narratives. Students analyze how cultural context, author perspective, and literary elements shape stories and themes from diverse regions. Writing instruction encompasses literary analysis, creative writing, and argumentation, with a focus on evidence-based reasoning, effective organization, and clear voice. Vocabulary study expands students' understanding of global texts by utilizing context clues, analogies, and root-based word learning. Grammar instruction strengthens complex sentence structure, usage, and punctuation. Through dynamic readings and thoughtful writing, students gain insight into the human experience across cultures, preparing them for advanced literary study.

English 3 (Worldview & Literature) - 1 credit

This course examines how literature reflects, shapes, and challenges worldviews across various cultures and historical periods. Students study novels, short stories, poetry, and essays through the lens of belief systems, values, and philosophical ideas. Through guided literary analysis, students examine how authors convey their perspectives on truth, morality, identity, and purpose. Writing assignments encourage students to respond critically and thoughtfully, with an emphasis on forming arguments supported by textual evidence. Vocabulary and grammar instruction support reading comprehension and effective written communication. This course helps students engage with literature not only as art but as a window into the worldviews that shape human thought and behavior.

English 4 (British Literature) - 1 credit

This course guides students through the rich History of British literature, encompassing epic poetry, Shakespearean drama, Romantic poetry, and modern fiction. Students analyze how British authors have addressed universal themes such as power, identity, love, and morality across centuries of changing historical and cultural contexts. Writing instruction focuses on literary analysis, personal reflection, and argumentation, with an emphasis on organization, clarity, and the use of strong textual evidence. Vocabulary and grammar study support advanced reading comprehension and refined writing style. By engaging with influential British texts and ideas, students prepare for college-level analysis while gaining a deeper appreciation for the literary tradition of the English-speaking world.

Science

Our science program is designed to foster curiosity, develop critical thinking skills, and cultivate a deep understanding of the world around us. Students explore life science, earth science, physical Science, and space science through interactive lessons, hands-on experiments, and virtual simulations. Beginning with simple observations and progressing to complex systems and processes, students are encouraged to ask questions, investigate, and communicate their findings.

Our curriculum provides exposure to a range of scientific theories and models that explain natural phenomena. While we present mainstream scientific ideas, we recognize that some topics—such as the origins of life or the age of the Earth—may involve differing personal, cultural, or religious perspectives. We leave space for families to have those crucial conversations at home, and we respect that each family will guide their students according to their own values and beliefs.

From early grades through middle school, students develop skills in inquiry, measurement, observation, classification, and data analysis. The program also emphasizes science literacy, vocabulary, and safe practices in scientific exploration. In Pre-K, students cover colors, shapes, seasons, weather, plants, animals, and materials through fun, everyday experiences.

Kindergarten to 2nd Grade introduces simple scientific tools and observations while covering topics such as the five senses, matter, weather, life cycles, plants, animals, and Earth's surface. Students practice sorting, classifying, and describing their world using science vocabulary and drawings to enhance their understanding of the subject.

In grades 3–5, students develop a deeper understanding of physical, life, and Earth sciences.

- Grade 3 covers states of matter, heat, mixtures, physical and chemical changes, and begins introducing scientific inquiry.
- Grade 4 explores matter, force, motion, energy, waves, and the scientific method with hands-on investigations and modeling.
- Grade 5 adds complexity with atoms and molecules, chemical reactions, ecosystems, and magnetism. Students start using data to support conclusions and analyze changes in matter and energy.

In middle school (grades 6–8), students expand their science thinking and engage in more formal experiments and data analysis.

- Grade 6 introduces students to lab tools, experiment design, engineering practices, and Earth science topics, including weather, geology, and resources.

Grade 7 builds on those skills with a deeper exploration of atoms, molecules, physical and chemical properties, forces, motion, energy, and electricity.

Grade 8 emphasizes the foundations of chemistry, biology, and physics—including density, chemical equations, force and acceleration, kinetic and potential energy, and magnetism—while reinforcing lab safety, data collection, and interpretation.

High School Science (Grades 9–12)
High school science equips students with a deep understanding of scientific principles through a balance of hands-on labs, real-world applications, and rigorous academic study. Students begin with foundational courses such as Physical Science, which bridges key concepts from chemistry and physics, and can advance into discipline-specific classes like Biology, Chemistry, and Physics. Each course is designed to develop scientific reasoning, data analysis, and problem-solving skills, with an emphasis on inquiry-based learning and hands-on laboratory investigations. Topics range from cell biology and genetics to chemical reactions, Newtonian mechanics, and electromagnetic phenomena. Whether students are exploring the diversity of life or the structure of atoms, the high school science sequence builds a strong foundation for college-level coursework. It fosters an appreciation for how science explains the natural world.

Elementary

Kindergarten Science - 1 credit

In this foundational science course, kindergarteners explore the world around them through observation, sorting, and discovery. Students investigate shapes, colors, materials, light, sound, motion, and magnets through simple classification and comparison. They learn about the needs of plants and animals, the five senses, the distinction between living and nonliving things, and ecosystems. Weather, seasons, and Earth's resources are introduced along with early concepts of recycling and human impact. Engaging hands-on activities and visual learning build curiosity and lay the groundwork for scientific thinking. Students are also introduced to basic engineering practices as they design simple solutions to real-world problems.

1st Grade Science - 1 credit

This course builds on students' natural curiosity by guiding them through hands-on investigations and engaging science topics. First graders explore shapes, colors, and materials, practice comparing properties such as size, weight, and temperature, and

classify matter as either solids or liquids. They learn about heating and cooling, light, shadows, and sound. Students investigate the needs of animals and plants, understand life cycles, and compare living and nonliving things. They also explore Earth's resources, types of weather, and severe storms, and observe patterns in the day and night sky. Simple engineering challenges encourage creativity and problem-solving as students begin to think like young scientists.

2nd Grade Science - 1 credit

Second-grade Science deepens students' understanding of the physical world through observation, classification, and inquiry. Students explore the properties of materials, states of matter, and the effects of heating and cooling on these properties. They learn to identify mixtures, physical and chemical changes, and investigate how heat flows. In life science, students study the life cycles, traits, adaptations, and ecosystems of animals and plants, focusing on how organisms meet their needs and interact with their environments. The course also covers magnets, forces and motion, weather patterns, Earth's features, natural resources, and events like erosion and earthquakes. Students use measurement tools and apply beginning engineering design to solve real-world problems.

3rd Grade Science - 1 credit

Third-grade Science invites students to explore the world through observation, classification, and hands-on investigations. Students study materials, states of matter, heat, and mixtures while learning to identify physical and chemical changes. They examine forces, motion, magnetism, light, and electricity. Life science topics include ecosystems, food chains, animal and plant life cycles, inherited traits, and adaptations. Students also study Earth science concepts, including rocks, minerals, fossils, weather, climate, and the Earth's changing surface. Engineering and measurement skills are integrated through real-world design challenges and the interpretation of data.

4th Grade Science - 1 credit

Fourth-grade Science encourages deeper inquiry into physical, life, Earth, and space sciences. Students investigate matter, mass, and energy, exploring concepts such as heat, thermal energy, density, and energy transformation. They build knowledge of forces, motion, electricity, magnets, and wave properties. Life science topics encompass classification, plant and animal life cycles, body systems, adaptations, heredity, and cell biology. Students study ecosystems and conservation, investigate rocks, minerals, fossils, and Earth events, and explore weather, climate, and astronomy.

Engineering practices and data measurement are woven throughout as students build real-world science and problem-solving skills.

5th Grade Science - 1 credit

Fifth-grade Science lays a strong foundation in physical, life, Earth, and space sciences, while introducing core concepts in chemistry. Students explore atoms, molecules, and chemical formulas; identify reactants and products; and compare physical and chemical changes. They examine heat, temperature, energy, force, and motion. Students learn about electricity, magnetism, and how light interacts with matter. Life science units include classification, cell structures, body systems, heredity, adaptations, and ecosystems. Earth science topics include weather, climate, rocks, fossils, and astronomy. Students also investigate Earth's systems and conservation practices. The course integrates engineering design and science literacy throughout its curriculum.

Middle School

6th Grade Science - 1 credit

Sixth-grade Science expands students' understanding of Earth, life, and physical Science while developing strong scientific inquiry and laboratory skills. Students explore atoms, molecules, and chemical reactions; investigate speed, force, energy, and waves; and analyze data from experiments and engineering designs. Life science units include cells, body systems, photosynthesis, reproduction, genetics, and natural selection. Earth and space science topics include weather, climate, ecosystems, natural resources, the rock cycle, plate tectonics, and astronomy. Students also learn to read scientific diagrams, use data to support claims, and apply models to explain complex systems.

7th Grade Science - 1 credit

Seventh-grade Science builds on prior knowledge while introducing more advanced concepts across the physical, life, and Earth sciences. Students study atoms, molecules, and chemical reactions in greater depth and investigate energy, motion, and forces using real-world examples and data. They explore ecosystems, cell biology, genetics, natural selection, and human body systems while strengthening scientific vocabulary and reasoning. Earth and space science topics include climate, the atmosphere, fossils, rock layers, and the water cycle. Through labs, models, and data analysis, students learn how to design and evaluate experiments using the tools and language of Science.

8th Grade Science - 1 credit

In eighth-grade Science, students deepen their understanding of physical, life, Earth, and space sciences. Topics include atomic structure, chemical reactions, energy transformation, motion and forces, waves, electricity and magnetism, and heat transfer. Students also explore genetics, cell biology, natural selection, and ecological relationships, as well as Earth's systems, weather and climate, natural hazards, and astronomy. The course emphasizes scientific inquiry, experimental design, and engineering practices through real-world applications and investigations. Students continue developing scientific literacy by analyzing data, conducting virtual labs, and applying critical thinking to current science topics.

High School

Biology with Lab - 1 credit

This four-part high school biology course explores the structure, function, and diversity of life, guiding students through the central concepts of biological science. The course begins with the scientific method, classification, and the chemistry of life, before introducing the structure and function of cells, cellular transport, and energy processes such as photosynthesis and respiration. Students then dive into molecular biology topics including DNA, protein synthesis, and genetics, with an emphasis on inheritance, gene expression, and biotechnology. Later quarters cover ecological relationships, the diversity of life—such as protists, fungi, plants, and animals—and conclude with an overview of human biology. Through interactive lessons, labs, and critical thinking activities, students develop a strong foundation in both classical and modern biology.

Chemistry with Lab - 1 credit

This four-part high school chemistry course provides a comprehensive introduction to the fundamental principles of chemistry, preparing students for future science coursework. Students begin with the scientific method, lab safety, and measurement skills before exploring the structure and properties of matter, atomic theory, and the periodic table. The course then covers chemical bonding, reactions, stoichiometry, and the mole concept, with an emphasis on real-world applications and problem-solving. In the final quarter, students investigate energy changes in reactions, solution chemistry, and acid-base behavior. Through hands-on labs, calculations, creative exercises, and critical thinking, students build a strong foundation in both conceptual and quantitative chemistry.

Physical Science - 1 credit

This four-part physical science course introduces students to the foundational concepts of both chemistry and physics through hands-on activities, creative problem-solving, and critical thinking. The first quarter builds scientific thinking with a focus on

measurement, properties of matter, atomic structure, and the periodic table. In the second quarter, students explore chemical reactions, energy changes, acids and bases, and the conservation of mass and energy. The third quarter focuses on physics topics, including motion, Newton's laws, forces, work, energy, and wave behavior, such as sound and light. The final quarter covers electricity, magnetism, and an introduction to nuclear energy, Earth science, and astronomy. Throughout the course, students develop critical thinking and problem-solving skills while gaining a broad understanding of how science explains the natural world.

Physics - 1 credit

This four-part high school physics course provides a rigorous, concept-driven introduction to classical and modern physics, combining scientific reasoning with real-world applications. Students begin by exploring motion, forces, and Newton's laws, using graphs, labs, and problem-solving strategies to build foundational skills. In the second quarter, students investigate energy, work, power, momentum, and rotational motion, applying mathematical models to describe mechanical systems. The third quarter shifts focus to waves, sound, and light, where students study oscillations, wave behavior, and the electromagnetic spectrum through both simulations and hands-on activities. The final quarter explores electricity, magnetism, and key topics in modern physics, including circuits, electromagnetism, and atomic/nuclear phenomena. Throughout the course, students participate in laboratory experiments, data analysis, and collaborative projects to deepen their understanding and prepare for further study in science or engineering.

Social Studies

Our K–12 social studies program helps students build a rich understanding of communities, cultures, geography, History, government, and the global world they live in. From learning what it means to be a good neighbor in kindergarten to analyzing primary sources and constructing arguments in high school, our courses are designed to develop critical thinking, civic knowledge, and historical literacy.

We include content about world cultures, religions, governments, and historical events. While we present a variety of perspectives and commonly accepted frameworks, we recognize that families may hold their own views on some topics. We encourage parents and guardians to engage in ongoing conversations with students to connect course content with their family's values, traditions, and perspectives.

In the early grades, students explore their own communities and families before expanding to topics such as U.S. symbols, maps, continents, oceans, civic responsibilities, and cultural celebrations. As they grow, they begin to examine the

foundations of American History, basic economics, and global geography. Lessons are interactive, with stories, songs, and hands-on activities that build engagement and understanding.

Middle school students delve deeper into ancient civilizations, world geography, government structures, and U.S. history. They compare cultures across time, learn about the major world religions, and begin to evaluate sources, recognize bias, and understand how the past influences the present. Our courses encourage students to conduct research, reflect on their findings, and engage in respectful discussions of complex issues.

High school students engage in more advanced studies of U.S. history, world history, government, economics, and sociology. Courses emphasize the critical analysis of primary and secondary sources, historical argumentation, and the real-world application of civic knowledge. Students develop research and writing skills, explore historical debates, and prepare for responsible participation in society and post-secondary education.

Elementary

Kindergarten Social Studies - 1 credit

Kindergarten social studies introduces students to their communities, basic geography, and important people and symbols in American History. Students learn about community helpers, maps and directions, rules and laws, and the difference between needs and wants. They also explore holidays and famous individuals from diverse cultural backgrounds through simple stories and read-along activities. Our program presents a range of cultural and historical topics, encouraging families to guide students in understanding their own beliefs and traditions alongside what they learn.

1st Grade Social Studies - 1 credit

In first-grade social studies, students continue to explore their roles in communities while learning about rules, laws, citizenship, and symbols of the United States. They compare past and present life, study maps and geography, and discover how goods and services work in basic economics. Students are also introduced to a variety of holidays and significant historical figures through engaging read-along stories.

2nd Grade Social Studies - 1 credit

In second-grade social studies, students explore maps, geography, and the structure of local, state, and federal government. They learn about major U.S. landmarks and symbols, as well as urban and rural communities, and basic economic concepts, including scarcity, goods and services, and employment. Students read about important historical figures and diverse cultural holidays to build an understanding of the past and the world around them.

3rd Grade Social Studies - 1 credit

In third-grade social studies, students build a deeper understanding of maps, geography, and the regions of the United States, including identifying all 50 states and their capitals. They explore how local, state, and federal governments operate, including foundational documents such as the Constitution and the Bill of Rights. Students also learn about national symbols and landmarks, the basics of economics and supply and demand, and how to distinguish between facts and opinions. Lessons on holidays and historical figures introduce diverse cultures and perspectives.

4th Grade Social Studies - 1 credit

In fourth-grade social studies, students explore significant events and ideas in U.S. history—from the founding of the Thirteen Colonies and the American Revolution to the Civil War, Reconstruction, and early 20th-century events like the World Wars and the Great Depression. They deepen their understanding of geography by learning to read maps using latitude and longitude, as well as identifying landforms, states, capitals, and major U.S. cities. The course also covers how local, state, and federal governments operate, explores American symbols and holidays, and introduces key economic principles.

5th Grade Social Studies - 1 credit

Fifth-grade social studies guides students through the early foundations of American History, from the English colonies and the American Revolution to the Civil War, Reconstruction, and significant world events such as the World Wars and the Great Depression. Along the way, students explore geography through map skills and state identification, learn how local, state, and federal governments function, and investigate American symbols, holidays, and historical landmarks. The course also includes basic economics, covering supply and demand, opportunity cost, and banking principles.

Middle School

6th Grade Social Studies - 1 credit

Sixth-grade social studies explores early world history and geography, tracing the development of civilizations across Mesopotamia, Egypt, China, India, Greece, Rome, Africa, the Americas, and other regions. Students examine major empires, world religions, and global trade routes, such as the Silk Road, while also learning about government systems, the U.S. Constitution, and the principles of citizenship. Geography is integrated throughout, including country identification by region and map skills. Economic topics include trade, markets, and supply and demand, and students build strong historical thinking skills by analyzing primary and secondary sources.

7th Grade Social Studies - 1 credit

Seventh grade social studies blends world geography with global History and civic concepts. Students study the regions of the world, such as the Americas, Europe, Africa, Asia, the Middle East, and Oceania, by learning about their geography, countries, and societies. They explore ancient civilizations including Mesopotamia, Egypt, China, India, Greece, and Rome, and trace developments through the Middle Ages, Renaissance, Enlightenment, and early Americas. The course also includes U.S. history from colonization through Reconstruction, government structures, economics, world religions, and map skills. Critical thinking is supported through practice with primary and secondary sources, timelines, and analysis activities.

8th Grade Social Studies - 1 credit

Eighth-grade social studies focuses on the foundations and growth of the United States, beginning with pre-contact Native cultures and continuing through the Gilded Age and World War I. Students explore the development of the American government, including the Constitution, the Bill of Rights, and the three branches of government, as well as civic responsibilities and economic principles. The course covers significant historical periods, including the colonial era, the American Revolution, the Early Republic, westward expansion, the Civil War, and Reconstruction. Students also develop geography and map-reading skills, analyze primary and secondary sources, and explore global influences on American History.

High School

World History - 1 credit

World history examines the evolution of civilizations over time and across different places, enabling students to understand how past events have shaped the modern world. In this course, students learn about ancient cultures, classical empires, global

religions, exploration and conquest, revolutions, and world wars. They examine major themes, including human migration, technological innovation, political systems, economic exchange, and cultural diffusion. By studying diverse regions and peoples—from Mesopotamia and Rome to the Americas, Africa, Asia, and Europe—students gain a global perspective and learn to analyze historical sources, identify cause and effect, and make connections across periods.

U.S. History - 1 credit

U.S. history guides students through the story of the United States, from the earliest Indigenous cultures and European exploration to the present day. Students explore the founding principles of American democracy, significant events such as the Revolutionary War and the Civil War, and key developments in politics, society, and culture. Topics include westward expansion, industrialization, civil rights movements, wars and conflicts, and changes in government and technology. Along the way, students learn to think like historians—analyzing primary sources, recognizing multiple perspectives, and connecting the past to the present.

U.S. Government - 0.5 credit

The U.S. government explores the structure, principles, and functions of American democracy. Students learn about the Constitution, the three branches of government, checks and balances, federalism, and the rights and responsibilities of citizenship. The course also covers the process of lawmaking, the workings of elections, and the operation of state and local governments. Through current events, landmark Supreme Court cases, and foundational documents, students build civic knowledge and critical thinking skills to understand how government affects their lives and how they can participate as informed citizens.

Economics - 0.5 credit

Economics introduces students to how people, businesses, and governments make choices about resources. Students explore foundational concepts, including scarcity, opportunity cost, supply and demand, and the role of markets in the economy. The course also covers economic systems, labor and production, trade, and the impact of government policies like taxes and spending. Students learn to analyze data, understand financial literacy topics such as budgeting and banking, and evaluate how economics influences their daily lives and global events.

Geography - 1 credit

Geography helps students understand the physical and human features of the Earth and how they interact. Students explore topics like landforms, climate, population, migration, culture, and the environment. They learn to read and analyze maps, utilize

geographic tools, and identify countries and regions worldwide. Through the study of geography, students develop a deeper awareness of global connections, how people adapt to and shape their environments, and how geography influences History, economics, and daily life.

Philosophy - 1 credit

Philosophy introduces students to big questions about life, knowledge, morality, and human existence. Students learn to think critically, construct logical arguments, and explore diverse viewpoints. They may study famous philosophers and explore ideas from ethics, metaphysics, political theory, and epistemology. Through thoughtful discussion and reflection, philosophy encourages curiosity, respectful debate, and a deeper understanding of what it means to be human.

Sociology - 1 credit

Sociology helps students explore how society works by examining human behavior, social groups, and cultural patterns. In this course, students explore topics such as family, education, race, gender, social class, and the interactions between individuals and institutions. They study real-world issues, analyze data, and reflect on how culture and society shape their own lives. Sociology encourages students to think critically, ask questions, and understand the diverse perspectives that make up the world around them.

World Religions – 0.5 credit

World Religions introduces students to the beliefs, practices, and histories of major global faiths, including Hinduism, Buddhism, Judaism, Christianity, and Islam. Students explore the origins and core teachings of various religions, examine sacred texts and symbols, and learn how religious beliefs influence culture, traditions, and global events. The course encourages respect for diverse perspectives and helps students develop a deeper understanding of how religion shapes individuals and societies across time and place.

Foreign Language

Foreign Language – Level 1 – 1 Credit (All Grades)

In Level 1, students embark on their foreign language journey using Duolingo's engaging, game-like lessons. They are introduced to basic vocabulary and simple phrases in a

chosen language (such as Spanish or French), with an emphasis on listening, speaking, and recognizing common words and greetings. Students build early language skills through repetition, matching, and short interactive practice, laying the foundation for future learning.

Foreign Language – Level 2 – 1 Credit (All Grades)

In Level 2, students continue to build on the basics by expanding their vocabulary, learning simple sentence structures, and practicing more conversational phrases. Duolingo lessons remain fun and engaging while encouraging students to apply what they've learned in short translations and everyday scenarios. Students gain greater confidence in understanding and using the new language through consistent practice and exposure to it.

Spanish 1 – 1 Credit (6th-12th Grade)

Spanish I introduces students to the fundamentals of the Spanish language through interactive practice, listening activities, and cultural exploration. Students begin with the basics—such as the alphabet, numbers, greetings, and days of the week—then expand their vocabulary and grammar to include topics like school, family, food, hobbies, and daily life. Along the way, they learn to conjugate present-tense verbs, use subject pronouns, understand sentence structure, and recognize common expressions. Students also explore Spanish-speaking countries and cultures through reading and listening practice. By the end of the course, students will be able to understand and use everyday Spanish in real-world contexts.

Electives

Independent Study: Elective Credit Tracking – 0.5 – 3 Credits

This course enables students to earn elective credit for participating in approved third-party activities, including sports, performing arts, visual arts, clubs, skill-building classes, and community programs. Examples include hockey, theater, baking, biking, coding, music lessons, and more. Students will track their hours, reflect on their learning, and submit brief documentation of their involvement. Up to 3 elective credits per year can be earned through independent study, providing flexibility for students to pursue their interests while meeting graduation requirements.

Elementary

Art 1 (Grades K–2) – 1 Credit

In this creative and playful art course, students in grades K–2 will explore colors, shapes, lines, textures, and patterns while learning to express themselves through art. Each lesson introduces a new concept or artist and encourages hands-on projects

using basic materials found at home. Students will draw, paint, cut, glue, and build as they develop fine motor skills and an appreciation for visual art. No special tools are required—just imagination, curiosity, and a willingness to try new things!

Art 2 (Grades 3–5) – 1 Credit

This engaging art course helps students in grades 3–5 build their artistic skills while exploring different materials, techniques, and styles. Students will learn about famous artists, experiment with drawing, painting, collage, and sculpture, and apply the elements of art, including line, color, shape, and texture. Projects encourage creativity, problem-solving, and self-expression while connecting art to cultures, History, and everyday life. No special supplies are needed—just a few basic materials and a love for making art!

Physical Education 1 (Grades K–2) – 1 Credit

This fun and active PE course helps young learners in kindergarten through second Grade build strong bodies and healthy habits! Each week includes easy-to-follow movement activities that support balance, coordination, strength, and flexibility. Students will explore games, stretches, fitness routines, and simple skills like hopping, skipping, and catching. Lessons also teach teamwork, safety, and the importance of staying active. No equipment is needed—just space to move and a willingness to have fun!

Physical Education 2 (Grades 3–5) – 1 Credit

This engaging PE course helps students in grades 3–5 strengthen their fitness, coordination, and confidence through weekly activities that promote movement and health. Students will practice skills like jumping, running, throwing, balancing, and stretching while exploring fun fitness challenges, games, and routines. The course also builds knowledge about body systems, healthy habits, and goal setting. All activities are designed to be done at home with no special equipment—just plenty of energy and a positive attitude!

Middle School

Art 3 – 1 Credit

This course invites students in grades 6–8 to explore their creativity while building foundational art skills. Each week, students engage with lessons that introduce different art techniques, materials, and styles—from drawing and painting to collage

and sculpture. Students learn about famous artists and art movements, practice observing and describing artwork, and complete hands-on projects that encourage self-expression and creativity. No special materials are required, and students are encouraged to use what they have at home to create meaningful, personal art.

Physical Education 3 – 1 Credit

This course helps students in grades 6–8 build strength, coordination, flexibility, and endurance through fun, age-appropriate physical activities. Each week, students complete fitness challenges, movement exercises, and personal goal-setting assignments that support lifelong health and wellness. Lessons encourage a variety of activities, including cardio, stretching, balance, and strength-building exercises, all designed to be done at home with no special equipment. Students also reflect on their progress and learn how physical activity supports both body and mind.

Computer and Information Systems (CIS) – 1 Credit

This course introduces students to the fundamentals of computer systems, information technology, and digital literacy. Topics include computer hardware and software, operating systems, file management, cloud computing, internet safety, and basic troubleshooting. Students also learn essential productivity tools, including word processors, spreadsheets, and presentation software. Designed for high school students, this course builds a strong foundation in using technology responsibly and efficiently for school, work, and everyday life.

Introduction to Programming – 1 Credit

Students will explore the basics of computer programming through interactive, beginner-friendly lessons. They will learn how to write simple code, solve problems, and think logically. This course will include Python coding, helping students understand the foundations of software development.

High School

Health and Wellness – 0.5 Credit

This course helps students develop lifelong habits for physical, mental, and emotional well-being. Topics include nutrition, physical fitness, stress management, sleep,

healthy relationships, substance abuse prevention, and making informed health decisions. Students explore how choices impact their overall wellness and learn strategies to support a balanced, healthy lifestyle. The course includes interactive lessons, reflective activities, and real-life scenarios designed to prepare students to care for their health now and in the future.

Computer and Information Systems (CIS) – 1 Credit

This course introduces students to the fundamentals of computer systems, information technology, and digital literacy. Topics include computer hardware and software, operating systems, file management, cloud computing, internet safety, and basic troubleshooting. Students also learn essential productivity tools, including word processors, spreadsheets, and presentation software. Designed for high school students, this course builds a strong foundation in using technology responsibly and efficiently for school, work, and everyday life.

Fitness – 1 Credit

This course focuses on building personal health and fitness through regular physical activity, goal setting, and self-assessment. Students will explore topics such as cardiovascular endurance, strength training, flexibility, and the importance of nutrition. Activities are personalized and can include walking, running, home workouts, or sports, helping students develop lifelong healthy habits.

Physical Education – 1 Credit

This course encourages students to stay active through a variety of physical activities, including sports, exercises, and fitness challenges. It emphasizes movement skills, teamwork, sportsmanship, and personal wellness. Students log their activities and reflect on how physical activity contributes to overall well-being.

Introduction to Programming – 1 Credit

Students will explore the basics of computer programming through interactive, beginner-friendly lessons. They will learn how to write simple code, solve problems, and think logically. This course may include languages such as C++, Python, or HTML coding, helping students understand the foundations of software development.

Outdoor Studies – 1 Credit

This course invites students to engage with the natural world through activities such as hiking, nature observation, plant and animal identification, and outdoor survival skills. Emphasis is placed on environmental awareness, stewardship, and the physical and mental health benefits of spending time outdoors.

Introduction to Business – 1 Credit

Students will explore the core concepts of how businesses operate, including entrepreneurship, marketing, budgeting, supply and demand, and basic economics. Real-world examples and practical projects help students develop the mindset of business owners and informed consumers.

Cooking – 1 Credit

In this hands-on course, students learn essential kitchen skills and prepare a variety of meals and snacks. Lessons may include measuring, food safety, knife skills, and understanding basic nutrition. Students gain confidence working in the kitchen and learn how to follow recipes, plan meals, and prepare food for themselves and others.

Baking – 1 Credit

This course introduces students to the art and Science of baking. Students will learn techniques for preparing cookies, cakes, breads, and other baked goods while gaining skills in measuring, mixing, and decorating. Emphasis is placed on kitchen safety, following recipes, and exploring creativity through baking.

Early Childhood Education – 1 Credit

This course introduces students to the foundational principles of working with young children from birth to age eight. Topics include child development, learning through play, creating safe and nurturing environments, and guiding behavior in positive ways. Students will explore how to support early literacy, motor skills, and social-emotional growth, preparing them for future work or study in child care, preschool education, or related fields.

Recommended Weekly Schedule

Below is a Suggested Weekly Plan to help families maintain consistent pacing and stay on track throughout the school year. However, we understand that every household is different, and flexibility is one of the strengths of online learning. Families are welcome to adjust this schedule in any way that works best for their routines, as long as students continue to make progress in their courses. This plan includes core subjects in the morning, electives and reading in the afternoon, and time for extracurriculars, clubs, or catching up on assignments later in the day.

Suggested Weekly Plan

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 AM 9:00 AM	Math	Science	Math	Science	Math
10:00 AM 11:00 AM	Language Arts	Social Studies	Language Arts	Social Studies	Language Arts
12:00 PM	Break	Break	Break	Break	Break
1:00 PM	Elective 1	Elective 2	Elective 1	Elective 2	Elective 1
2:00 PM	Reading		Reading		Reading
3:00 PM	Outstanding Homework				
4:00 PM 5:00 PM	Extracurricular Activities/Clubs				

Academic Policies

These policy highlights provide a quick overview of key expectations and procedures at Highlands Prep Academy. For full details, families should refer to the complete Student Handbook, which contains all official policies and guidelines.

Academic Integrity Policy

Students are expected to submit their own original work and utilize all tools, including AI, in an ethical and responsible manner. Plagiarism, cheating, or submitting work completed by someone else (including AI tools without proper attribution) is not allowed. Our progressive discipline policy includes five steps:

1. Have a conversation with the student and redo the assignment.
2. Have a discussion with the parent/guardian and redo the assignment.
3. Meeting with an administrator and redo the assignment.
4. Probation status and ongoing check-ins.
5. Escalation, including potential removal from the program.

Attendance and Participation Policy

As an asynchronous program, students are not required to log in at specific times. However, consistent participation is needed. Students should log in weekly and submit assignments according to the course pacing guides. A lack of progress for two consecutive weeks without communication may trigger a support check-in and notification to parents.

Grading Policy

Assignments are graded by licensed educators and grading specialists. Most assignments allow for revision and resubmission to receive additional feedback. Late work is accepted without penalty, but students are encouraged to stay on pace. Final grades are issued at the end of each course, and progress updates are provided on a regular basis.

Technology Use Policy

Students must use school platforms and resources responsibly. This includes the respectful use of messaging tools, emails, and collaborative features. Inappropriate behavior, cyberbullying, or disruption in virtual environments will result in disciplinary action. Parents are encouraged to supervise their children's use of devices.

Student Support Policy

Highlands Glen offers academic tutoring, student wellness sessions, diagnostic testing for students performing below grade level, and custom learning plans for students with diagnosed or suspected learning delays (e.g., ADHD, dyslexia). Support services are strengths-based and tailored to meet the individual needs of each student.

Code of Conduct

All students are expected to treat others with respect and kindness in virtual spaces, emails, and class submissions. Bullying, harassment, or inappropriate language will not be tolerated. Students violating this policy will be referred to the administration for appropriate consequences.

Privacy and Data Protection Policy

Student privacy is a top priority. We do not sell or share personal information. We use trusted third-party tools that comply with FERPA and COPPA standards.

Device and Software Policy

Students must have access to a compatible device that meets our Minimum System Requirements. We do not provide school-issued devices. Families are responsible for ensuring students have regular access to a laptop, desktop, or tablet with reliable internet.

Communication Policy

Students and families can reach out to instructors and support staff through our help desk or by email. Staff respond within 24 business hours. Announcements and updates are shared via the student portal and family email list.

Enrollment and Withdrawal Policy

Students may enroll at any time throughout the year. To withdraw, families should notify the administration in writing. We provide transcripts and records upon request. No refunds are available for past months, but monthly billing can be stopped at any time.

Special Education and 504 Support Policy

Highlands Prep collaborates with families to support students who have been identified or suspected of having learning differences. We offer informal evaluations and create custom plans for accommodations and modifications. Although we do not issue formal IEPs, our plans are designed to effectively meet student needs in a virtual setting.

Dual Enrollment and Transfer Credit Policy

High school students may earn dual credit through approved college partnerships. We also accept transfer credits from accredited institutions. Transfer transcripts must be submitted for evaluation before graduation.

Credit Recovery Policy

Students may retake any failed or incomplete course to recover credit. Credit recovery courses may follow an accelerated or traditional pace. Students must achieve a passing grade on the retake to receive credit for the course.

Extracurriculars and Independent Study Policy

Students may receive up to 3 elective credits per year for independent study in activities such as music, sports, theater, or community classes. Families must submit a proposal, regular

logs, and documentation of participation. A supervisor or coach may be asked to verify student engagement.