Course Catalog

2026–2027

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English Language Arts

Grades K–5

English Language Arts - Kindergarten

English Language Arts - Kindergarten (1 of 2) introduces foundational literacy skills grounded in the science of reading. Instruction combines phonemic awareness, phonics, fluency, vocabulary, and comprehension with a structured approach to phoneme-grapheme relationships. Topics include letter sounds and blending; decoding short words; reading simple stories and poems; character, setting, and plot in fiction; main idea and key details in nonfiction; and listening comprehension through interactive read-alouds. Assessments reinforce early reading skills and provide feedback on decoding, comprehension, and vocabulary development.

English Language Arts - Kindergarten (2 of 2) continues foundational literacy development within the science of reading framework. Instruction emphasizes identifying and blending sounds, recognizing word and sentence structure, and building syntactic and semantic understanding. Topics include phonemic awareness; the roles of authors and illustrators; text structures; using textual evidence to answer questions; informational and opinion texts; listening comprehension through interactive storybooks; and integrated writing projects in informational and research formats. The course develops the reading-writing connection and prepares early readers for independent engagement with texts.

Course Intro Video

Course Details

Grade: K

Semesters: 2

Prerequisite(s):
None

English Language Arts - Grade 1

English Language Arts - Grade 1 (1 of 2) develops core literacy through explicit phonological-awareness instruction aligned with the science of reading. Instruction progresses from writing and articulating the alphabet to recognizing consonants, vowels, and sound-symbol relationships in varied word contexts. Topics include letter formation; decoding consonants and vowels; writing words and sentences; poetry, narrative fiction, and informational texts; identifying theme, characters, setting, events, main idea, and supporting details; and determining author's purpose. Two narrative-writing projects apply phonetic knowledge and comprehension to authentic writing tasks.

English Language Arts - Grade 1 (2 of 2) advances first-grade literacy with emphasis on vocabulary expansion and phonological skills within the science of reading. Instruction develops deeper engagement with text, including asking and answering questions, drawing conclusions, and connecting ideas across readings. Topics include sounds, syllables, and well-crafted sentences; poetry, fairy tales, informational texts, and opinion pieces; comprehension strategies; and integrated writing through an informational writing project and an opinion writing project. The course reinforces the connection between systematic reading instruction and effective writing.

Course Details

Grade: 1

Semesters: 2

Prerequisite(s):
None

Course Intro Video

English Language Arts

English Language Arts - Grade 2

English Language Arts - Grade 2 (1 of 2) provides reading and language instruction rooted in the science of reading. Each unit opens with phonics-based skills and integrates spelling and sight words. Topics include decoding, blending, spelling patterns, word endings, parts of speech, sentence structure, and word meanings and relationships. Students read fables and folktales from diverse cultures; short stories; and a variety of poems. Reading and writing instruction addresses character, setting, story structure, central message, point of view, dialogue, and figurative and descriptive language. A project-based writing component applies and reinforces language skills taught.

English Language Arts - Grade 2 (2 of 2) presents in-depth reading and language-arts units grounded in the science of reading. Each lesson begins with phonics instruction and integrates spelling and sight words. Topics include decoding, blending, spelling patterns, suffixes, parts of speech, sentence construction, and word relationships. Students read fables and folktales from diverse cultures, short stories, and varied poetry. Reading and writing instruction focuses on character, setting, plot structure, core themes, perspective, dialogue, and figurative and descriptive language. A writing project reinforces the language abilities covered.

Course Details

Grade: 2

Semesters: 2

Prerequisite(s): None

Course Intro Video

English Language Arts - Grade 3

English Language Arts - Grade 3 (1 of 2) offers reading and language instruction rooted in the science of reading. Each unit opens with phonics or language-based skills and integrates spelling and sight words. Topics include sentence structure, parts of speech, syllabication, decoding, spelling patterns, and word endings and relationships. Students read fables and folktales from diverse cultures, short stories, and a variety of poems. Reading and writing instruction focuses on character, setting, story structure, central message, point of view, dialogue, theme, and figurative and descriptive language. A project-based writing component applies skills taught.

English Language Arts - Grade 3 (2 of 2) provides reading and language-arts units grounded in the science of reading. Each lesson begins with phonics or linguistic elements and integrates spelling and sight words. Topics include parts of speech, sentence crafting, syllable division, decoding, spelling patterns, suffixes, and word relationships. Students read fables and folktales from various cultures, concise narratives, and diverse poetry. Reading and writing instruction focuses on character, setting, narrative framework, primary themes, perspective, dialogue, and symbolic and vivid language. A project-based writing activity reinforces concepts introduced.

Course Details

Grade: 3

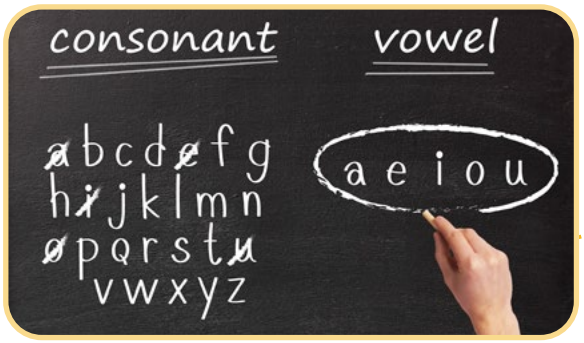
Semesters: 2

Prerequisite(s): None

Course Intro Video

Foundations in Reading

Foundations in Reading (1 of 1) reviews reading skills that build a strong foundation for effective reading. Topics include initial, medial-vowel, and final phonemes through segmenting and blending; reading one-syllable and multi-syllable words; decoding words in isolation and in the context of sentences, poems, stories, and informational texts; and reading fluency focused on accuracy, rate, expression, purpose, and understanding.



Course Intro Video

Course Details

Grades: 1-3

Semesters: 1

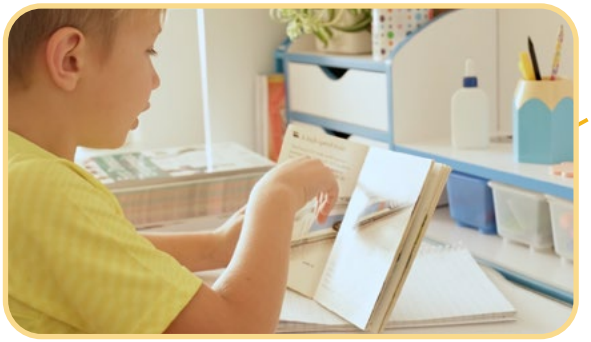
Prerequisite(s): None

English Language Arts

English Language Arts - Grade 4

English Language Arts - Grade 4 (1 of 2) develops instruction and practice with informational and opinion text alongside foundational language skills and vocabulary. Topics include key ideas, supporting details, and author's purpose; text features and structure; summary and paraphrase; audience; opinion or claim, reasoning, and evidence; a research project distinguishing paraphrase from plagiarism; and analysis of historical, scientific, technical, and informative texts. Language-skills practice covers recognizing and revising fragments and run-ons, using roots and affixes, and determining word meaning through context clues. Students also practice high-frequency words, grade-level spelling, oral reading, and use of digital and reference materials.

English Language Arts - Grade 4 (2 of 2) explores literary works, including fictional stories, dramas, and poetry. Reading analysis covers plot elements, theme, summary, point of view, perspective, and figurative language, and compares different types of literary texts. Topics include grammar, narrative story elements, personal narrative craft, and textual comparison across genres. Writing projects include a narrative story and a personal narrative, applying literary analysis to original compositions.



Course Intro Video

Course Details

Grades: 4

Semesters: 2

Prerequisite(s):
None

English Language Arts - Grade 5

English Language Arts - Grade 5 (1 of 2) provides instruction and practice with informational and opinion text alongside foundational language skills. Topics include key ideas and supporting details; author's purpose and perspective; text features and structure; inferences and evidence; summary and paraphrase; analysis of historical, scientific, technical, and digital texts; capitalization, punctuation, sentence types, parts of speech, verb tenses, and context clues; and spelling high-frequency words and syllabication. Writing projects include an informational essay and a research project.

English Language Arts - Grade 5 (2 of 2) explores the differences between literal language and figurative language, including similes, metaphors, idioms, proverbs, and puns. Readings focus on plot, theme, point of view, and perspective drawn from stories, poetry, drama, folktales, and myths. Topics include determining word meaning from roots and affixes; using reference materials; figurative language; and literary analysis across genres. Writing projects include a personal narrative and multimedia presentations that apply analytical and craft skills to original work.

Course Details

Grade: 5

Semesters: 2

Prerequisite(s):
None

Course Intro Video

English Language Arts

Grades 6–8

English 6

English 6 (1 of 2) analyzes informational texts, including biographies, instructional documents, film reviews, and persuasive letters. Reading selections include the novel The Road by Jack London and informational texts on topics such as the science behind sunsets, the lives of important historical figures, the history of the Olympics, and the process of flotation used by archaeologists. Reading selections demonstrate concepts such as explicit and implicit information, central ideas and key details, and claims and arguments. Writing projects include an informational essay and a research project.

English 6 (2 of 2) explores literary texts from various genres, including novels, short stories, poems, and plays. Readings include The Wonderful Wizard of Oz by L. Frank Baum, excerpts from Little Women and The Adventures of Tom Sawyer, and poetry by Robert Louis Stevenson, Robert Frost, and Carl Sandburg, as well as multimedia readings of well-known poems. Using the texts, students identify explicit and implicit information, theme, characters, plot, poetic techniques, and figurative language. Writing projects include a narrative and a literary analysis.

Course Intro Video

Course Details

Grade: 6

Semesters: 2

Prerequisite(s):
None

English 6 Honors

English 6 Honors (1 of 2) analyzes informational texts, including biographies, instructional documents, film reviews, and persuasive letters. Reading selections include the novel The Road by Jack London and informational texts on topics such as the science behind sunsets, important historical figures, the history of the Olympics, and the process of flotation used by archaeologists. Using the texts, students identify explicit and implicit information, central ideas and key details, and claims and arguments. The honors version offers additional examples and practice.

English 6 Honors (2 of 2) explores literary texts from various genres, including novels, short stories, poems, and plays. Readings include The Wonderful Wizard of Oz by L. Frank Baum, excerpts from Little Women and The Adventures of Tom Sawyer, and poetry by Robert Louis Stevenson, Robert Frost, and Carl Sandburg, as well as multimedia readings of famous poems. Using the texts, students identify explicit and implicit information, theme, characters, plot, poetic techniques, and figurative language. The honors version offers additional examples and practice.

Course Details

Grade: 6

Semesters: 2

Prerequisite(s):
None

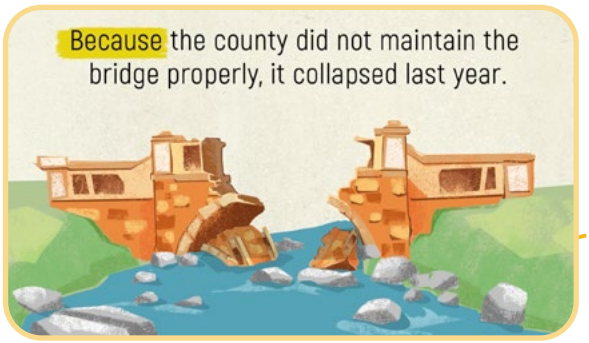
Course Intro Video

English Language Arts

English 7

English 7 (1 of 2) explores informational texts, including biographies, personal accounts of events, presidential speeches, persuasive letters, and descriptions of musical genres. Readings include The Story of My Life by Helen Keller and texts about historical figures such as Jane Goodall and Zora Neale Hurston. Selections are used as students identify explicit and implicit information, central ideas and key details, claims and arguments, and author's purpose. Writing projects include an informational essay and a persuasive letter.

English 7 (2 of 2) analyzes literary texts from novels, short stories, fairy tales, poems, and plays. Readings include Alice's Adventures in Wonderland by Lewis Carroll, excerpts from Black Beauty, and poetry by Emily Dickinson, Robert Frost, and William Wordsworth. Selections are used as students examine how written texts are portrayed in film or audio, and practice concepts such as identifying explicit and implicit information, theme, characters, plot, poetic and dramatic techniques, and figurative language. Writing projects include a narrative and a literary analysis.



Course Intro Video

Course Details

Grade: 7

Semesters: 2

Prerequisite(s): None

English 7 Honors

English 7 Honors (1 of 2) explores informational texts, including biographies, personal accounts of events, presidential speeches, persuasive letters, and descriptions of musical genres. Readings include The Story of My Life by Helen Keller and texts about historical figures such as Jane Goodall and Zora Neale Hurston. Selections are used as students identify explicit and implicit information, central ideas and key details, claims and arguments, and author's purpose. Writing projects include an informational essay and a persuasive letter. The honors version offers additional examples and practice.

English 7 Honors (2 of 2) analyzes literary texts from novels, short stories, fairy tales, poems, and plays. Readings include Alice's Adventures in Wonderland by Lewis Carroll, excerpts from Black Beauty, and poetry by Emily Dickinson, Robert Frost, and William Wordsworth. Selections are used as students examine how written texts are portrayed in film or audio, and practice concepts such as identifying explicit and implicit information, theme, characters, plot, poetic and dramatic techniques, and figurative language. Writing projects include a narrative and a literary analysis. The honors version offers additional examples and practice.

Course Details

Grade: 7

Semesters: 2

Prerequisite(s): None

Intensive Reading

Intensive Reading (1 of 1) explores foundational reading skills for middle-school students to remediate gaps in reading fluency, comprehension, vocabulary, grammar, and writing fluency. Topics include phonics and decoding strategies, vocabulary development, sentence and paragraph structure, reading comprehension, and response writing based on a variety of literary and informational texts.

Course Details

Grade: 6-7

Semesters: 1

Prerequisite(s): None

Course Intro Video

English Language Arts

English 8

English 8 (1 of 2) explores the analysis of literary and informational texts, including novels, short stories, myths, poems, magazine articles, and autobiographies. Readings include The Call of the Wild, short stories such as "The Tell-Tale Heart," and infographics and videos. Selections are used to demonstrate explicit and implicit information, theme, central idea, figurative language, grammar, usage, and punctuation. Writing projects include planning, drafting, revising, and editing a fictional narrative.

English 8 (2 of 2) explores literary and informational texts, including novels, short stories, poems, articles, and political speeches. Readings include excerpts from Hatchet and Black Beauty, along with informational texts on topics such as global warming, fast food, the presence of corn in food, and how sleep affects learning. Texts, infographics, and videos supply instruction on explicit and implicit information, theme, central idea, figurative language, grammar, usage, and punctuation. Writing projects include an informational essay and an argument essay.

Course Intro Video

Course Details

Grade: 8

Semesters: 2

Prerequisite(s): None

English 8 Honors

English 8 Honors (1 of 2) explores the analysis of literary and informational texts, including novels, short stories, myths, poems, magazine articles, and autobiographies. Readings include The Call of the Wild, short stories such as "The Tell-Tale Heart," and infographics and videos. Selections are used to demonstrate explicit and implicit information, theme, central idea, figurative language, grammar, usage, and punctuation. Writing projects include planning, drafting, revising, and editing a fictional narrative. The honors version offers additional examples and practice.

English 8 Honors (2 of 2) explores literary and informational texts, including novels, short stories, poems, articles, and political speeches. Readings include excerpts from Hatchet and Black Beauty, along with informational texts on topics such as global warming, fast food, the presence of corn in food, and how sleep affects learning. Texts, infographics, and videos supply instruction on explicit and implicit information, theme, central idea, figurative language, grammar, usage, and punctuation. Writing projects include an informational essay and an argument essay. The honors version offers additional examples and practice.

Course Details

Grade: 8

Semesters: 2

Prerequisite(s): None

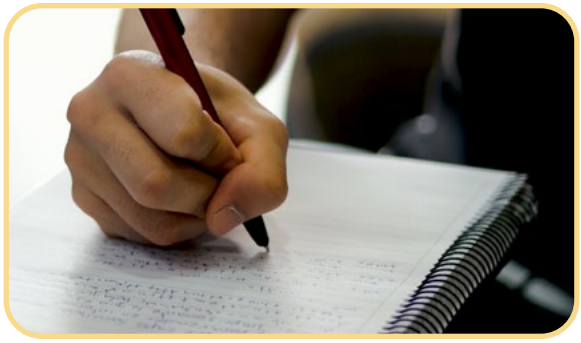
English Language Arts

Grades 9–12

English 9

English 9 (1 of 2) explores reading, writing, and analysis using both informational and literary texts, along with comparison of texts across different mediums. Readings include The Princess and the Goblin by George MacDonald, among others, to demonstrate textual evidence, themes, central ideas, inferences, word choice, figurative and connotative language, and grammar and usage. Writing projects include a personal narrative (memoir) and a literary analysis.

English 9 (2 of 2) explores reading, writing, and analysis using both informational and literary texts. Readings include Anthem by Ayn Rand, among other texts from varying time periods. Using the texts, students identify textual evidence, themes, central ideas, characters, inferences, rhetorical techniques, structure and style, and arguments and claims. Writing topics include grammar, usage, punctuation, spelling, style manuals, phrases, and clauses. Writing projects include an informational essay and an argument essay.



Course Intro Video

Course Details

Grade: 9

Semesters: 2

Prerequisite(s):
English 8 or equivalent

English 9 +

English 9 + (1 of 2) develops literary exploration and writing mechanics through engagement with informational and narrative texts. Topics include central ideas, themes, and character development; practical grammar and mechanics, including correct use of semicolons and colons; spelling and style following established guidelines; analyzing context for word meaning, recognizing figurative speech, and examining word nuances; and crafting cohesive informational essays and narratives using varied sentence structures and research skills for evidence support.

English 9 + (2 of 2) refines writing skills with instruction in advanced grammar and composition structure. Students also analyze literary and informational texts. Topics include expressing complex ideas with clarity using parallel structure and diverse sentence elements; critical reading of arguments; figurative language and rhetoric; and analysis of literature for thematic depth and authorial intent. Major assignments include an argumentative essay, a speech, and a multimedia presentation.

Course Details

Grade: 9

Semesters: 2

Prerequisite(s):
English 8 or equivalent

+ Spark Course

English Language Arts

English 9 Honors

English 9 Honors (1 of 2) explores reading, writing, and analysis using both informational and literary texts, along with comparison of texts across different mediums. Readings include The Princess and the Goblin by George MacDonald, among others, to demonstrate textual evidence, themes, central ideas, inferences, word choice, figurative and connotative language, and grammar and usage. Writing projects include a personal narrative (memoir) and a literary analysis. The honors version offers additional examples and practice.

English 9 Honors (2 of 2) explores reading, writing, and analysis using both informational and literary texts. Readings include Anthem by Ayn Rand, among other texts from varying time periods. Using the texts, students identify textual evidence, themes, central ideas, characters, inferences, rhetorical techniques, structure and style, and arguments and claims. Writing topics include grammar, usage, punctuation, spelling, style manuals, phrases, and clauses. Writing projects include an informational essay and an argument essay. The honors version offers additional examples and practice.

Course Details

Grade: 9

Semesters: 2

Prerequisite(s):
English 8 or equivalent

Credit Recovery English 9

Credit Recovery English 9 (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores reading, writing, and analysis using both informational and literary texts. Readings include The Princess and the Goblin by George MacDonald to demonstrate textual evidence, themes, central ideas, inferences, word choice, figurative and connotative language, and grammar and usage. Writing projects include a personal narrative (memoir) and a literary analysis.

Credit Recovery English 9 (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores reading, writing, and analysis using both informational and literary texts. Readings include Anthem by Ayn Rand and other texts from varying time periods. Using the texts, students identify textual evidence, themes, central ideas, characters, inferences, rhetorical techniques, structure and style, and arguments and claims. Writing projects include an informational essay and an argument essay.

Course Details

Grade: 9

Semesters: 2

Prerequisite(s):
English 8 or equivalent

Credit Recovery English 9 +

Credit Recovery English 9 (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores reading, writing, and analysis using both informational and literary texts. Readings include The Princess and the Goblin by George MacDonald to demonstrate textual evidence, themes, central ideas, inferences, word choice, figurative and connotative language, and grammar and usage. Writing projects include a personal narrative (memoir) and a literary analysis.

Credit Recovery English 9 (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores reading, writing, and analysis using both informational and literary texts. Readings include Anthem by Ayn Rand and other texts from varying time periods. Using the texts, students identify textual evidence, themes, central ideas, characters, inferences, rhetorical techniques, structure and style, and arguments and claims. Writing projects include an informational essay and an argument essay.

Course Details

Grade: 9

Semesters: 2

Prerequisite(s):
English 8 or equivalent

+ Spark Course

English Language Arts

English 10

English 10 (1 of 2) examines reading, writing, and analysis of informational texts, argument texts, and videos. Topics include explicit and inferred meaning, textual evidence, central ideas, arguments and claims, organizational structures, figurative and rhetorical language, and the effect of word choice on tone. Skill building focuses on spelling, grammar, usage, punctuation, domain-specific vocabulary, context clues, and affixes. Writing projects include an informational essay and an argument essay.

English 10 (2 of 2) explores reading, writing, and analysis of literary texts from around the world and across history. Readings include Antigone by Sophocles. Readings are used to demonstrate textual evidence, themes, inferences, characterization, figurative language, figures of speech, and literary devices. Foundational language topics include context clues, word nuances, affixes, phrases, clauses, and parallel construction. Writing projects include a literary analysis essay and a personal narrative essay.

Course Intro Video

Course Details

Grade: 10

Semesters: 2

Prerequisite(s):
English 9 or equivalent

English 10 +

English 10 + (1 of 2) explores the analysis and composition of literary and informational texts. Topics include thematic development and character analysis; determining word meanings within texts; grammatical precision using punctuation and style guides such as the MLA Handbook; citing textual evidence; understanding the impact of word choice; and examining the structure of arguments, particularly in foundational US documents. Writing assignments include an informational essay and a narrative, with ongoing focus on spelling, grammar, and vocabulary.

English 10 + (2 of 2) sharpens literary and linguistic analysis, focusing on parallel structure and varied phrases and clauses in writing. Topics include examining word meanings, figurative language, and the intricacies of arguments; language mastery including context clues and word nuances; critical reading of diverse genres; global literature; comparing different artistic mediums; and interpreting source-material transformations. Writing assignments include an argumentative essay, a speech, and multimedia presentations reflecting synthesis of diverse sources and perspectives.

Course Details

Grade: 10

Semesters: 2

Prerequisite(s):
English 9 or equivalent

+ Spark Course

English 10 Honors

English 10 Honors (1 of 2) investigates writing and discourse processes, supplemented by reading and grammar strategies needed to comprehend and compose nonfiction texts. Topics include researching, organizing, and developing descriptive, persuasive, narrative, and expository compositions, along with analysis of informational and argument texts. The honors version offers additional examples and practice.

English 10 Honors (2 of 2) explores literature from multiple eras and cultures. Readings include epic poetry, folktales, ancient verses, Greek tragedy such as Antigone by Sophocles, short stories, and novel excerpts. Readings are used to examine language, ideas, characters, and literary elements. Additional topics include evidence, context clues, symbolism, affixes, and denotative and connotative meanings. Writing projects include a character analysis and a personal narrative. The honors version offers additional examples and practice.

Course Details

Grade: 10

Semesters: 2

Prerequisite(s):
English 9 or equivalent

English Language Arts

Credit Recovery English 10

Credit Recovery English 10 (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course examines reading, writing, and analysis of informational texts, argument texts, and videos. Topics include explicit and inferred meaning, textual evidence, central ideas, arguments and claims, organizational structures, figurative and rhetorical language, and the effect of word choice on tone. Writing projects include an informational essay and an argument essay.

Credit Recovery English 10 (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores reading, writing, and analysis of literary texts from around the world and across history. Readings include Antigone by Sophocles. Readings are used to demonstrate textual evidence, themes, inferences, characterization, figurative language, and literary devices. Writing projects include a literary analysis essay and a personal narrative essay.and a personal narrative. The honors version offers additional examples and practice.

Course Details

Grade: 10

Semesters: 2

Prerequisite(s):
English 9 or equivalent

Credit Recovery English 10 +

Credit Recovery English 10 + (1 of 2) explores the analysis and composition of literary and informational texts. Topics include thematic development, character analysis, and determining word meanings in texts; grammatical precision using punctuation and style guides such as the MLA Handbook; citing textual evidence; the impact of word choice; and examining the structure of arguments, particularly in foundational US documents. Writing assignments include an informational essay and a narrative. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Credit Recovery English 10 + (2 of 2) sharpens literary and linguistic analysis, focusing on parallel structure and varied phrases and clauses in writing. Topics include examining word meanings, figurative language, and the intricacies of arguments; language mastery from context clues to word nuances; critical reading of diverse genres; global literature; comparing different artistic mediums; and interpreting source-material transformations. Writing assignments include an argumentative essay, a speech, and multimedia presentations. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Course Details

Grade: 10

Semesters: 2

Prerequisite(s):
English 9 or equivalent

+ Spark Course

English 11

English 11 (1 of 2) examines reading, writing, and analysis using both informational and argument texts. Readings include seminal US texts such as "What to the Slave Is the Fourth of July?" by Frederick Douglass, speeches, court documents, and scientific articles. Topics include textual evidence, central ideas, inferences, word choice, figurative language, spelling, hyphens, contested usage, figures of speech, and reference materials. Writing projects include a researched informational essay and a researched argument essay.

English 11 (2 of 2) explores reading, writing, and analysis using both informational and literary texts. Readings include poetry and literature such as The Scarlet Letter by Nathaniel Hawthorne. Readings are used to demonstrate plot, setting, character, themes, and central ideas. Additional topics include comparing works from different time periods; context and word nuances; punctuation, style manuals, phrases, and clauses; and parallel structure. Writing projects include a fictional narrative and a literary analysis.

Course Details

Grade: 11

Semesters: 2

Prerequisite(s):
English 10 or equivalent

Course Intro Video

English Language Arts

English 11 +

English 11 + (1 of 2) focuses on advanced reading, writing, and analysis through engagement with literary and informational texts. The course includes readings from significant literary works, critical essays, historical documents, and scientific texts. Topics include textual evidence, themes, inferences, vocabulary, and figurative language; complex grammar and usage conventions; using reference materials; precise language; and contested usage. Writing assignments include a detailed informational essay and a narrative, emphasizing research, narrative techniques, and argument development.

English 11 + (2 of 2) continues advanced reading, writing, and analysis through a blend of literature and informational texts. Topics include pivotal US documents and literary works; rhetoric, thematic development, and inferential reasoning; and syntax, precise language, and figures of speech. Writing assignments include a researched argument essay, a speech, and a multimedia presentation, supporting comprehensive research and effective communication skills.

Course Details

Grade: 11

Semesters: 2

Prerequisite(s):
English 10 or equivalent

+ Spark Course

English 11 Honors

English 11 Honors (1 of 2) examines seminal US documents ranging from key court cases through contemporary presidential speeches. Informational texts cover environmental and conservation issues to explore use of evidence, central ideas, structure, and word choice. Other topics include rhetorical devices, author's perspective and purpose, bias, and drawing conclusions. The course focuses on argument and persuasion through formal speaking and writing. The honors version offers additional examples and practice.

English 11 Honors (2 of 2) explores American writers and the historical events that influenced their works. Reading selections include The Red Badge of Courage by Stephen Crane and works from Transcendentalism, Romanticism, American Gothic, the American Civil War, Regionalism, Realism, Naturalism, Imagism, the Harlem Renaissance, and Modernism. The course emphasizes critical and analytical thinking along with reading and writing skills. The honors version offers additional examples and practice.

Course Details

Grade: 11

Semesters: 2

Prerequisite(s):
English 10 or equivalent

Credit Recovery English 11

Credit Recovery English 11 (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course examines reading, writing, and analysis using both informational and argument texts. Readings include seminal US texts such as "What to the Slave Is the Fourth of July?" by Frederick Douglass, speeches, court documents, and scientific articles. Topics include textual evidence, central ideas, inferences, word choice, figurative language, and reference materials. Writing projects include a researched informational essay and a researched argument essay.

Credit Recovery English 11 (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores reading, writing, and analysis using both informational and literary texts. Readings include poetry and literature such as The Scarlet Letter by Nathaniel Hawthorne. Readings are used to demonstrate plot, setting, character, themes, and central ideas. Additional topics include punctuation, style manuals, phrases, clauses, and parallel structure. Writing projects include a fictional narrative and a literary analysis.

Course Details

Grade: 11

Semesters: 2

Prerequisite(s):
English 10 or equivalent

English Language Arts

Credit Recovery English 11 +

Credit Recovery English 11 + (1 of 2) focuses on advanced reading, writing, and analysis through engagement with literary and informational texts. Students read significant literary works, critical essays, historical documents, and scientific texts. Topics include textual evidence, themes, inferences, vocabulary, and figurative language; complex grammar and usage conventions; using reference materials; precise language; and contested usage. Writing assignments include a detailed informational essay and a narrative. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Credit Recovery English 11 + (2 of 2) continues advanced reading, writing, and analysis through a blend of literature and informational texts. Topics include pivotal US documents and literary works; rhetoric, thematic development, and inferential reasoning; syntax; precise language; and figures of speech. Writing efforts focus on a researched argument essay, a speech, and a multimedia presentation. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Course Details

Grade: 11

Semesters: 2

Prerequisite(s):
English 10 or equivalent

+ Spark Course

English 12

English 12 (1 of 2) explores analysis of informational and argument texts. Readings include seminal US texts such as the Declaration of Independence, presidential speeches, court documents, and articles on innovative technology. Topics include rhetoric, figurative language, theme, purpose, specialized vocabulary, text structure, word nuances, inferences, research, evidence, reference sources, context clues, contested usage, and syntax errors. Writing projects include a researched informational essay and a researched argument essay.

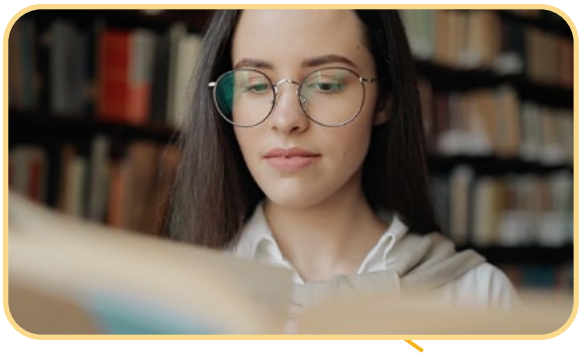
English 12 (2 of 2) analyzes narrative texts from British literature, from the Middle Ages through modern times. Topics include explicit and implicit meanings, figurative language, literary devices, central ideas, themes, and narrative and structural elements. Writing projects include a fictional narrative in the style of Gothic Romanticism and a literary analysis comparing and contrasting two British literature texts from different eras.

Course Details

Grade: 12

Semesters: 2

Prerequisite(s):
English 11 or equivalent



Course Intro Video

English Language Arts

English 12 +

English 12 + (1 of 2) develops reading, writing, and analytical skills using British literature and related texts. Topics include analyzing themes, language, and historical contexts in classic and modern British works; interpreting textual evidence, figurative language, and complex grammar; and improving writing and argument development. Assignments include an analytical essay and a narrative with emphasis on advanced research and narrative techniques.

English 12 + (2 of 2) continues developing reading, writing, and analysis skills with a focus on British literature. Topics include literary devices, thematic development, and inferential reasoning in historical and contemporary texts; and syntax, precise language, and effective argumentation in writing. Assignments include a researched argument essay, a speech, and a multimedia presentation.

Course Details

Grade: 12

Semesters: 2

Prerequisite(s):
English 11 or equivalent

+ Spark Course

English 12 Honors

English 12 Honors (2 of 2) synthesizes knowledge and applies critical thinking to analyze narrative texts from British literature across different eras, from the Middle Ages through modern times. Readings include Frankenstein by Mary Shelley, along with works by Shakespeare and other renowned British authors. Selections are used to demonstrate narrative elements and structures, literary devices such as symbolism and sarcasm, and inferences. Language topics include vocabulary, context clues, word choice, and affixes. Writing projects include a fictional narrative and a literary analysis essay. The honors version offers additional practice activities based on the course's readings.

Course Details

Grade: 12

Semesters: 2

Prerequisite(s):
English 11 or equivalent

Credit Recovery English 12

Credit Recovery English 12 (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores analysis of informational and argument texts. Readings include seminal US texts such as the Declaration of Independence, presidential speeches, court documents, and articles on innovative technology. Topics include rhetoric, figurative language, theme, purpose, specialized vocabulary, text structure, word nuances, inferences, research, and evidence. Writing projects include a researched informational essay and a researched argument essay.

Credit Recovery English 12 (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course analyzes narrative texts from British literature, from the Middle Ages through modern times. Topics include explicit and implicit meanings, figurative language, literary devices, central ideas, themes, and narrative and structural elements. Writing projects include a fictional narrative in the style of Gothic Romanticism and a literary analysis comparing two British texts.

Course Details

Grade: 12

Semesters: 2

Prerequisite(s):
English 11 or equivalent

Credit Recovery English 12 +

Credit Recovery English 12 + (1 of 2) develops reading, writing, and analytical skills using British literature and related texts. Topics include analyzing themes, language, and historical contexts in classic and modern British works; interpreting textual evidence, figurative language, and complex grammar; and improving writing and argumentation. Assignments include an analytical essay and a narrative. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Credit Recovery English 12 + (2 of 2) continues developing reading, writing, and analysis skills with a focus on British literature. Topics include literary devices, thematic development, and inferential reasoning in historical and contemporary texts; and syntax, precise language, and effective argumentation in writing. Assignments include a researched argument essay, a speech, and a multimedia presentation. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Course Details

Grade: 12

Semesters: 2

Prerequisite(s):
English 11 or equivalent

+ Spark Course

English Language Arts

AP® English Language & Composition

This course helps students prepare to take the Advanced Placement Language and Composition Exam ™ administered by the College Board. The first semester focuses on the concepts and skills needed to analyze argumentative texts and to build solid arguments—starting with the choices that experienced authors make when they write to persuade an audience. Students learn and APply best practices for constructing, revising, and refining their own arguments. Writing assignments in Semester A include rhetorical analyses of straightforward written arguments as well as satirical texts and visual APproaches to persuasion. Students will be asked to develop several formal argumentative essays and also to practice new skills by writing less formal journal entries throughout the semester. The pace and level of work required by this course is similar to that required in a college-level composition course, so students should be prepared to work independently and to complete all assignments in a way that makes good use of their time.

The second semester of AP English Language and Composition focuses on writing tasks that require synthesis and documentation. Students will analyze many examples of synthesis essays and APply what they learn as they create their own texts based on multiple sources. They will also take a closer look at the use of visual and multi-modal or multimedia evidence when used as support for an argument, and they'll consider how to incorporate these unique APproaches into their own attempts at persuasion. Semester B will ask students to work toward improving and refining the style with which they deliver arguments, including the use of rhetorical devices, varied syntax, and grammatical concepts essential to academic discourse. Writing assignments in Semester B include the analysis and construction of multimedia arguments, studies in style, and research-based projects that require the synthesis of information and ideas. As in Semester A, the pace and level of work required by this course is advanced and substantial, so students should be prepared to work independently and thoroughly on all assignments.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): English 9, English 10, English 11

Developed by 3rd Party

AP® English Literature & Composition

Both semesters of AP English Literature and Composition have been designed to challenge students to read and interpret a wide range of literary works. This course allows students to explore a variety of genres and literary periods and to write clearly about the literature that they encounter. By the end of the second semester, the student will be well prepared for the AP examination and will have acquired analytical skills that will be used throughout life. The first semester of this course focuses on the elements of fiction. The student will spend a considerable amount of time reading and analyzing a variety of short stories and novels. The student will evaluate how the elements of plot analysis, characterization, theme, point of view, symbolism, allegory, irony, and humor work together to create a story or novel that is worthy of literary acclaim. In addition to reading, the student will complete a wide variety of writing pieces in order to develop better writing skills in the following areas: narrative, exploratory, expository, and argumentative.

Both semesters of AP English Literature and Composition have been designed to challenge students to read and interpret a wide range of literary works. This course allows students to explore a variety of genres and literary periods and to write clearly about the literature that they encounter. By the end of the second semester, the student will be well prepared for the AP examination and will have acquired analytical skills that will be used throughout life. The first semester of this course focuses on the elements of fiction. The student will spend a considerable amount of time reading and analyzing a variety of short stories and novels. The student will evaluate how the elements of plot analysis, characterization, theme, point of view, symbolism, allegory, irony, and humor work together to create a story or novel that is worthy of literary acclaim. In addition to reading, the student will complete a wide variety of writing pieces in order to develop better writing skills in the following areas: narrative, exploratory, expository, and argumentative.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): English 9, English 10, English 11

Developed by 3rd Party

Mathematics

Grades K–5

Mathematics - Kindergarten

Mathematics - Kindergarten (1 of 2) explores counting, number sense, basic addition and subtraction, geometric shapes, and measurement. Topics include counting to 40, counting up to 15 objects, modeling numbers with objects, using the number line, adding and subtracting within 5, identifying and sorting flat shapes, understanding measurable attributes, and identifying coins.

Mathematics - Kindergarten (2 of 2) explores number sense; comparing numbers; addition and subtraction; geometric shapes; money; and data. Topics include counting to 100; adding and subtracting within 10 using multiple strategies; identifying groups of 10; ordering numbers on a number line; classifying objects and collecting data with picture graphs; identifying coins; and exploring three-dimensional shapes.

Course Details

Grade: K

Semesters: 2

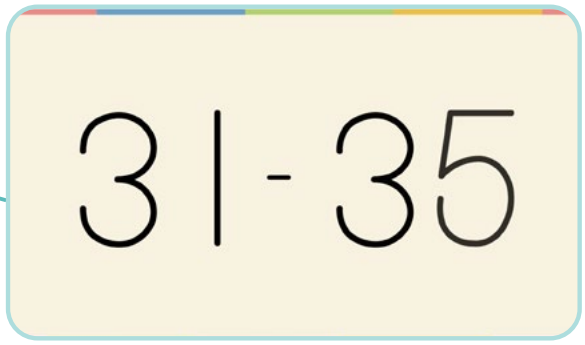
Prerequisite(s):
None

Course Intro Video

Mathematics - Grade 1

Mathematics - Grade 1 (1 of 2) explores number sense, counting, addition and subtraction, measurement, geometry, and data collection. Topics include skip counting; composing and decomposing numbers; addition and subtraction strategies; word problems; comparing and ordering lengths; identifying coins and their values; classifying two-dimensional shapes by attribute; understanding parts of a whole; and creating bar and picture graphs from collected data.

Mathematics - Grade 1 (2 of 2) builds fluency in counting to 120, using place value, and solving addition and subtraction problems. Topics include comparing and ordering numbers; writing numbers in different forms; addition and subtraction strategies; counting money up to $100; comparing lengths; measuring with nonstandard units and inches; telling time to the hour and half hour; creating and interpreting graphs; describing attributes of two- and three-dimensional shapes; and partitioning shapes into halves and fourths.



Course Intro Video

Course Details

Grade: 1

Semesters: 2

Prerequisite(s):
None

Mathematics - Grade 2

Mathematics - Grade 2 (1 of 2) develops fluency in addition and subtraction within 100 using mental strategies and within 200 using concrete models, drawings, and strategies. Topics include solving one-step and multi-step real-world problems; reading and writing numbers up to 1,200 in different forms; counting numbers up to 1,200 in 1s, 5s, 10s, and 100s; plotting, comparing, and ordering numbers up to 1,200; and building the foundation for multiplication and division by creating equal groups of objects.

Mathematics - Grade 2 (2 of 2) extends addition and subtraction to numbers within 1,000 using models and place-value columns. Topics include measuring objects with standard units and appropriate tools; solving word problems within 100 involving lengths; creating and using picture graphs, bar graphs, and line plots to draw conclusions; describing and composing two- and three-dimensional shapes; partitioning circles and rectangles into halves, thirds, fourths, and eighths; finding perimeter and area of rectangles; telling time to the minute with a.m. and p.m.; solving money word problems; and distinguishing producers from consumers.

Course Details

Grade: 2

Semesters: 2

Prerequisite(s):
None

Course Intro Video

Mathematics

Mathematics - Grade 3

Mathematics - Grade 3 (1 of 2) explores number sense, place value, operations, measurement, and data. Topics include numbers up to 100,000; using place value to plot, compare, and order numbers; rounding to the nearest ten and hundred; multiple strategies to add and subtract numbers up to 1,000; multiplication; finding area and perimeter; measuring volume in liters and mass in grams and kilograms; creating scaled picture graphs and bar graphs; and using graphs to gather information and compare data sets.

Mathematics - Grade 3 (2 of 2) explores multiplication and division, arithmetic patterns, geometry, fractions, perimeter, area, time, measurement, data, and finances. Topics include explaining arithmetic patterns using properties of operations; identifying types of geometric lines; composing and decomposing fractions; generating equivalent fractions; calculating perimeter of polygons; using multiplication to find area; reading and writing time to the nearest minute; measuring length in customary units; interpreting and representing data on varied graphs; understanding personal finance concepts; and measuring liquid volume, mass, and temperature.

Course Details

Grade: 3

Semesters: 2

Prerequisite(s): None

Course Intro Video

Mathematics - Grade 4

Mathematics - Grade 4 (1 of 2) addresses place value, operations with whole numbers and decimals, and data. Topics include identifying and using place value for calculations and rounding whole numbers; adding, subtracting, multiplying, and dividing multi-digit whole numbers; adding and subtracting decimals; using operations to solve word problems; representing and interpreting data; and applying mathematical processes to real-world problem-solving.

Mathematics - Grade 4 (2 of 2) focuses on modeling and solving problems involving fractions, geometric shapes, angles, and measurement. Topics include comparing fractions, converting fractions to decimals, representing fractions on a number line, adding and subtracting fractions, and multiplying fractions; identifying geometric shapes and angles; measuring time, length, weight, and volume; and applying these skills to real-world scenarios and word problems.

Course Details

Grade: 4

Semesters: 2

Prerequisite(s): None

Course Intro Video

Mathematics - Grade 5

Mathematics - Grade 5 (1 of 2) addresses place value, operations with multi-digit whole numbers, and operations with decimals. Topics include identifying and using place value for calculations and rounding decimals; multiplying and dividing multi-digit whole numbers by two-digit numbers; adding, subtracting, multiplying, and dividing decimals; and applying mathematical processes to solve word problems.

Mathematics - Grade 5 (2 of 2) explores number sense, geometry, data analysis, and patterns. Topics include adding, subtracting, multiplying, and dividing fractions; using the order of operations to evaluate expressions and solve equations; finding perimeter and area of two-dimensional shapes and volume of three-dimensional figures; exploring a variety of graphs; and determining mean, median, mode, and range. Modeling and problem-solving recur throughout as mathematical reasoning is applied to real-world scenarios.

Course Details

Grade: 5

Semesters: 2

Prerequisite(s): None

Course Intro Video

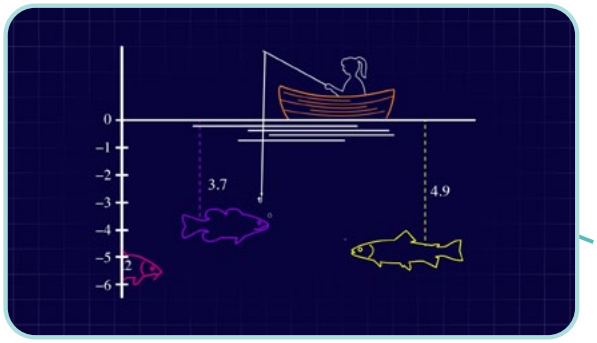
Mathematics

Grades 6–8

Math 6

Math 6 (1 of 2) builds on previously learned operations of addition, subtraction, multiplication, and division with whole numbers. Topics include arithmetic with fractions; operations with decimals and negative numbers; ratios and rates; unit conversions; and geometric applications such as area, surface area, and volume. The course applies these skills to real-world problems.

Math 6 (2 of 2) explores operations on expressions with whole numbers and positive rational numbers, including expressions with exponents and grouping symbols. Topics include writing, simplifying, and solving basic expressions and equations in one variable; writing simple inequalities and representing solution sets on a number line; using tables, equations, and graphs to represent two-variable relationships; collecting and representing data with dot plots, histograms, box-and-whisker plots, and stem-and-leaf plots; describing data using range, mean, median, interquartile range, and mean absolute deviation; identifying nets; and calculating volumes and surface areas.



Course Intro Video

Course Details

Grade: 6

Semesters: 2

Prerequisite(s):
None

Math 6 Honors

Math 6 Honors (1 of 2) builds on previously learned operations of addition, subtraction, multiplication, and division with whole numbers. Topics include arithmetic with fractions; operations with decimals and negative numbers; ratios and rates; unit conversions; and geometric applications such as area, surface area, and volume. The honors version offers additional examples and practice.

Math 6 Honors (2 of 2) explores operations on expressions with whole numbers and positive rational numbers, including exponents and grouping symbols. Topics include writing, simplifying, and solving expressions and equations in one variable; inequalities and solution sets; representing two-variable relationships; collecting and representing data with dot plots, histograms, box-and-whisker plots, and stem-and-leaf plots; describing data using measures of center and spread; identifying nets; and calculating volumes and surface areas. The honors version offers additional examples and practice.

Course Details

Grade: 6

Semesters: 2

Prerequisite(s):
None

Math 7

Math 7 (1 of 2) explores adding, subtracting, multiplying, and dividing rational numbers using analogies, number lines, rules, and properties. Topics include solving problems involving proportional relationships represented in tables, diagrams, graphs, equations, and verbal descriptions; scale drawings; circles; angle relationships; areas and volumes; three-dimensional shapes; and drawing geometric figures.

Math 7 (2 of 2) explores operations with rational numbers using different methods. Topics include interpreting proportional relationships and equivalent expressions; writing and solving linear equations and inequalities to address real-world problems; comparing two data sets from random samples using measures of center and variability to draw conclusions about populations; and solving geometric problems involving area, surface area, volume, and cross-sections of two- or three-dimensional objects.

Course Details

Grade: 7

Semesters: 2

Prerequisite(s):
None

Course Intro Video

Mathematics

Math 7 Honors

Math 7 Honors (1 of 2) explores adding and multiplying rational numbers using number lines, rules, and properties. Topics include finding and comparing unit rates; writing expressions using properties; writing and solving simple linear equations using different methods; probability and statistics, including simple probabilities; populations and samples; and solving geometric problems involving scale drawings, circles, and angle relationships. The honors version offers additional examples and practice.

Math 7 Honors (2 of 2) explores operations with rational numbers using different methods. Topics include interpreting proportional relationships and equivalent expressions; writing and solving linear equations and inequalities to address real-world problems; comparing two data sets from random samples using measures of center and variability; and solving geometric problems involving area, surface area, volume, and cross-sections. The honors version offers additional examples and practice.version offers additional examples and practice.

Course Details

Grade: 7

Semesters: 2

Prerequisite(s): None

Math 8

Math 8 (1 of 2) explores rational and irrational numbers, solving linear equations derived from contextual situations, and analyzing properties of functions with a focus on linear functions. Topics include scientific notation, slope and rate of change, and graphing linear functions to model real-world relationships.

Math 8 (2 of 2) explores multi-step equations and proportions. Students apply proportional relationships to geometry to perform transformations on figures and prove similarity through a series of transformations. Topics include analyzing linear relationships and functions; solving systems of linear equations using different methods; applying algebraic skills to statistics; analyzing and interpreting patterns in bivariate data; and finding volumes of cylinders, cones, and spheres.

Course Details

Grade: 8

Semesters: 2

Prerequisite(s): None

Course Intro Video

Math 8 Honors

Math 8 Honors (1 of 2) explores rational and irrational numbers, solving linear equations from contextual situations, analyzing properties of linear functions, and scientific notation. Geometric topics include rigid transformations on figures and proving congruence through a series of rigid transformations. The honors version offers additional examples and practice.

Math 8 Honors (2 of 2) explores multi-step equations and proportions. Students apply proportional relationships to geometry to perform transformations and prove similarity through a series of transformations. Topics include analyzing linear relationships and functions; solving systems of linear equations using different methods; applying algebraic skills to statistics; analyzing and interpreting patterns in bivariate data; and finding volumes of cylinders, cones, and spheres. The honors version offers additional examples and practice.

Course Details

Grade: 8

Semesters: 2

Prerequisite(s): None

Pre-Algebra

Pre-Algebra (1 of 1) builds an algebraic foundation to prepare for Algebra I. Topics include reviewing integers and rational numbers; properties of numbers; working with exponents and roots; mastering the order of operations; variables and expressions; simplifying expressions and solving multi-step equations; lines and linear equations; ordered pairs; the coordinate plane; and graphs.

Course Details

Grades: 6-12

Semesters: 1

Prerequisite(s): None

Course Intro Video

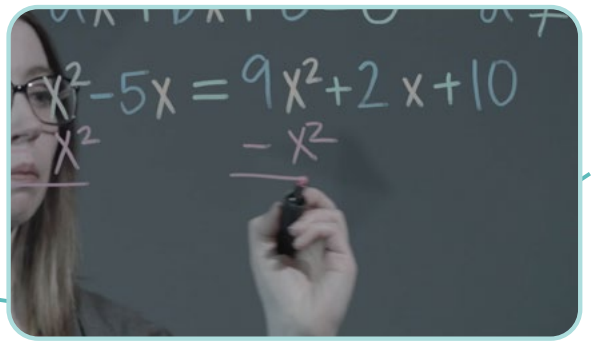
Mathematics

Grades 9–12

Algebra 1

Algebra 1 (1 of 2) explores properties used to simplify expressions with exponents and radicals. It also explores the relationships between rational and irrational numbers. Topics include solving linear equations and inequalities; solving and graphing systems of linear equations and inequalities; performing operations on polynomials; factoring quadratic expressions; and solving quadratic equations using different methods.

Algebra 1 (2 of 2) explores the analysis of different types of functions presented as equations, graphs, tables, and verbal descriptions. Topics include identifying key features of functions and applying them to real-world problems; comparing different types of functions using key features; transformations of functions; statistics; interpreting and analyzing data sets; and distinguishing causation and correlation.



Course Intro Video

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Math 8

Algebra 1 +

Algebra 1 + (1 of 2) explores solving, representing, and analyzing linear equations and inequalities and systems of linear equations and inequalities. Topics include creating equations in one variable and using them for complex challenges; graphing equations on coordinate axes; the relationship between quantities; interpreting solutions in practical contexts; function notation; rate of change; and graphing techniques.

Algebra 1 + (2 of 2) analyzes different types of functions presented as equations, graphs, tables, and verbal descriptions. Topics include identifying key features applied to real-world problems; using key features to compare different types of functions; transformations of functions; statistics; interpreting and analyzing data sets; and causation and correlation.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Math 8

+ Spark Course

Algebra 1 Honors

Algebra 1 Honors (1 of 2) explores algebraic problems and applies them to real-life situations. Topics include linear inequalities; forms of linear equations; relationships between linear equations and functions; solving systems of equations and systems of inequalities; interpreting solutions mathematically and contextually; statistics; measures of central tendency; relative frequencies; and scatter plots. The honors version offers additional examples and practice.

Algebra 1 Honors (2 of 2) explores functions by examining new families of functions, the effect of different transformations, and key features of their graphs, and by comparing functions represented in different ways. Topics include polynomials and quadratics; quadratic equations and their graphs; various methods for factoring and solving quadratic equations; exponential growth and decay; and comparisons among linear, quadratic, and exponential functions. The honors version offers additional examples and practice.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Math 8

Mathematics

Credit Recovery Algebra 1

Credit Recovery Algebra 1 (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores solving linear equations and inequalities; systems of linear equations and inequalities; operations on polynomials; factoring quadratic expressions; and solving quadratic equations using different methods. Topics include properties of exponents and radicals and relationships between rational and irrational numbers.

Credit Recovery Algebra 1 (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores the analysis of different types of functions presented as equations, graphs, tables, and verbal descriptions. Topics include identifying key features applied to real-world problems; comparing functions using key features; transformations of functions; statistics; interpreting and analyzing data sets; and distinguishing causation and correlation.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Math 8

Credit Recovery Algebra 1 +

Credit Recovery Algebra 1 + (1 of 2) explores solving, representing, and analyzing linear equations and inequalities and systems of linear equations and inequalities. Topics include creating equations in one variable and using them for complex challenges; graphing equations on coordinate axes; the relationship between quantities; interpreting solutions in practical contexts; function notation; rate of change; and graphing techniques. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Credit Recovery Algebra 1 + (2 of 2) analyzes different types of functions presented as equations, graphs, tables, and verbal descriptions. Topics include identifying key features applied to real-world problems; using key features to compare different types of functions; transformations of functions; statistics; interpreting and analyzing data sets; and causation and correlation. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Math 8

+ Spark Course

Algebra 2

Algebra 2 (1 of 2) explores solving quadratic equations with complex solutions and performing operations on polynomials. Topics include using polynomial identities to solve problems; analyzing polynomial functions using different representations; solving polynomial equations graphically; working with rational functions; and performing arithmetic operations on rational functions to graph them.

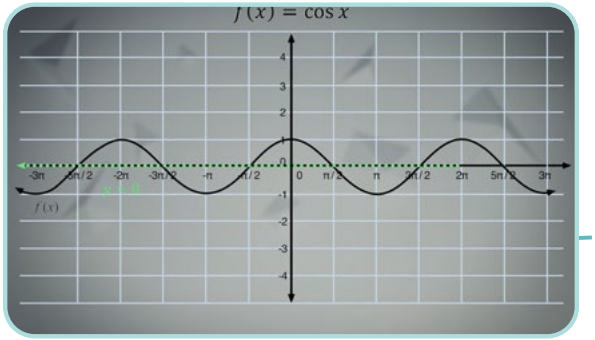
Algebra 2 (2 of 2) explores radical equations, including rewriting expressions involving radicals and graphing and solving radical equations. Other topics include trigonometric ratios and the unit circle; graphing sine, cosine, and tangent functions; analyzing key features of trigonometric graphs; and proving and applying trigonometric identities.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Algebra 1 & Geometry



Course Intro Video

Mathematics

Algebra 2 +

Algebra 2 + (1 of 2) explores how to interpret, graph, and analyze various functions, including linear, quadratic, polynomial, exponential, logarithmic, and trigonometric functions. Topics include graphing techniques to identify key features such as zeros and extremes; using polynomial identities and rational expressions; solving equations; understanding function parameters; and applying sequences to model real-world situations.

Algebra 2 + (2 of 2) explores radical equations and rewriting expressions involving radicals, including graphing and solving radical equations. Topics include trigonometric ratios; using the unit circle; graphing sine, cosine, and tangent functions; and proving and applying trigonometric identities through exploration of key features.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Algebra 1 & Geometry

+ Spark Course

Algebra 2 Honors

Algebra 2 Honors (1 of 2) explores polynomial, rational, radical, and trigonometric functions. Topics include solving equations, including quadratic equations over the complex numbers; solving rational and radical equations; and analyzing the key features of these function families. The honors version offers additional examples and practice.

Algebra 2 Honors (2 of 2) explores modeling real-life situations with equations and inequalities, solving exponential equations with logarithms, and synthesizing and generalizing a variety of function families. Topics include making probability decisions; using statistics and sampling processes to understand data sets; and answering questions about samples and populations. The honors version offers additional examples and practice.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Algebra 1 & Geometry

Credit Recovery Algebra 2

Credit Recovery Algebra 2 (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores solving quadratic equations with complex solutions and performing operations on polynomials. Topics include using polynomial identities to solve problems; analyzing polynomial functions; solving polynomial equations graphically; and performing arithmetic operations on rational functions to graph them.

Credit Recovery Algebra 2 (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores radical equations, including rewriting expressions involving radicals and graphing and solving radical equations. Topics include trigonometric ratios and the unit circle; graphing sine, cosine, and tangent functions; and proving and applying trigonometric identities.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Algebra 1 & Geometry

Credit Recovery Algebra 2 +

Credit Recovery Algebra 2 + (1 of 2) explores how to interpret, graph, and analyze linear, quadratic, polynomial, exponential, logarithmic, and trigonometric functions. Topics include graphing techniques to identify key features such as zeros and extremes; using polynomial identities and rational expressions; solving equations; understanding function parameters; and applying sequences to model real-world situations. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Credit Recovery Algebra 2 + (2 of 2) explores radical equations and rewriting expressions involving radicals, including graphing and solving radical equations. Topics include trigonometric ratios; using the unit circle; graphing sine, cosine, and tangent functions; and proving and applying trigonometric identities. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Algebra 1 & Geometry

+ Spark Course

Mathematics

Extended Algebra 2

Extended Algebra 2 (1 of 4) explores solving quadratic equations with complex solutions and performing operations on polynomials. Topics include using polynomial identities to solve problems; analyzing polynomial functions using different representations; solving polynomial equations graphically; working with rational functions; and performing arithmetic operations on rational functions to graph them.

Extended Algebra 2 (2 of 4) explores radical equations, including rewriting expressions involving radicals and graphing and solving radical equations. Topics include trigonometric ratios and the unit circle; graphing sine, cosine, and tangent functions; analyzing key features of trigonometric graphs; and proving and applying trigonometric identities.

Extended Algebra 2 (3 of 4) explores modeling real-life situations with equations and inequalities, solving exponential equations with logarithms, and synthesizing and generalizing a variety of function families. Topics include linear, quadratic, polynomial, exponential, logarithmic, and rational functions.

Extended Algebra 2 (4 of 4) explores probability and statistics. Topics include making probability decisions; using basic statistics and sampling processes to understand data sets; and answering questions about samples and populations. The course applies statistical reasoning to real-world contexts.

Course Details

Grades: 9-12

Semesters: 4

Prerequisite(s):
Algebra 1 & Geometry

Extended Algebra 2

Extended Algebra 2 (1 of 4) explores solving quadratic equations with complex solutions and performing operations on polynomials. Topics include using polynomial identities to solve problems; analyzing polynomial functions using different representations; solving polynomial equations graphically; working with rational functions; and performing arithmetic operations on rational functions to graph them.

Extended Algebra 2 (2 of 4) explores radical equations, including rewriting expressions involving radicals and graphing and solving radical equations. Topics include trigonometric ratios and the unit circle; graphing sine, cosine, and tangent functions; analyzing key features of trigonometric graphs; and proving and applying trigonometric identities.

Extended Algebra 2 (3 of 4) explores modeling real-life situations with equations and inequalities, solving exponential equations with logarithms, and synthesizing and generalizing a variety of function families. Topics include linear, quadratic, polynomial, exponential, logarithmic, and rational functions.

Extended Algebra 2 (4 of 4) explores probability and statistics. Topics include making probability decisions; using basic statistics and sampling processes to understand data sets; and answering questions about samples and populations. The course applies statistical reasoning to real-world contexts.

Course Details

Grades: 9-12

Semesters: 4

Prerequisite(s):
Algebra 1 & Geometry

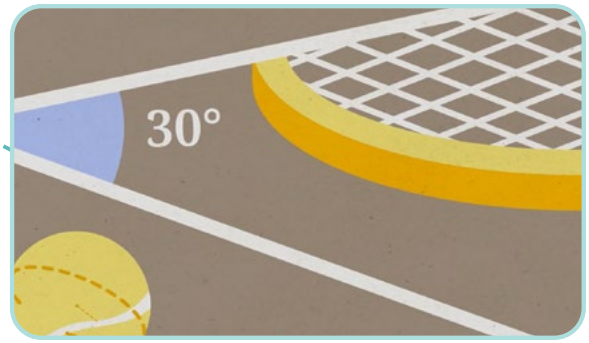
Course Intro Video

Mathematics

Geometry

Geometry (1 of 2) explores writing formal proofs and constructing geometric figures. Topics include transformations used to explain the concepts of congruent and similar figures, with a focus on the properties of congruent and similar triangles. Other topics include postulates, theorems, and formal proofs; and trigonometric ratios and their applications to real-world situations.

Geometry (2 of 2) explores writing formal proofs and constructing geometric figures. Topics include slopes, midpoints, and the distance formula, with a focus on their applications in coordinate proofs; theorems and concepts related to circles; two- and three-dimensional figures; and probability.



Course Intro Video

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): Algebra 1

Geometry +

Geometry + (1 of 2) explores writing formal proofs and constructing geometric figures. Topics include transformations to explain congruent and similar figures, with a focus on the properties of congruent and similar triangles; proofs using postulates, theorems, and formal proofs; and trigonometric ratios and their applications to real-world situations.

Geometry + (2 of 2) explores writing formal proofs and constructing geometric figures. Topics include slopes, midpoints, and the distance formula, with a focus on applications in coordinate proofs; theorems about circles and related concepts; and two- and three-dimensional figures.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): Algebra 1

+ Spark Course

Geometry Honors

Geometry Honors (1 of 2) examines congruence, proofs, and constructions to prove statements about lines, angles, triangles, and quadrilaterals. Topics include applying transformations to develop a formal definition of similarity and to write proofs; introducing trigonometry through its connection to similarity; deriving and using formulas for the areas and volumes of two- and three-dimensional figures; and investigating cross sections and solids of revolution. The honors version offers additional examples and practice.

Geometry Honors (2 of 2) explores the Pythagorean theorem, distance formula, midpoint formula, and slope formula to solve geometric problems and develop coordinate proofs. Topics include applying theorems about circles to find arc lengths and areas of sectors; and using the distance formula to write equations of circles in the coordinate system. The course also covers the concepts of permutations and combinations to explore probability. The honors version offers additional examples and practice.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): Algebra 1

Mathematics

Credit Recovery Geometry

Credit Recovery Geometry (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores writing formal proofs and constructing geometric figures. Topics include transformations to explain congruent and similar figures, with a focus on the properties of congruent and similar triangles; postulates, theorems, and formal proofs; and trigonometric ratios and their applications to real-world situations.

Credit Recovery Geometry (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores writing formal proofs and constructing geometric figures. Topics include slopes, midpoints, and the distance formula, with a focus on their applications in coordinate proofs; theorems about circles; two- and three-dimensional figures; and probability.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Algebra 1

Credit Recovery Geometry +

Credit Recovery Geometry + (1 of 2) explores writing formal proofs and constructing geometric figures. Topics include transformations to explain congruent and similar figures with a focus on the properties of congruent and similar triangles; proofs using postulates, theorems, and formal proofs; and trigonometric ratios and their applications to real-world situations. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Credit Recovery Geometry + (2 of 2) explores writing formal proofs and constructing geometric figures. Topics include slopes, midpoints, and the distance formula, with a focus on applications in coordinate proofs; theorems about circles and related concepts; and two- and three-dimensional figures. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
Algebra 1

+ Spark Course

Integrated Math 1

In Integrated Math 1, students use arithmetic properties of subsets of integers, rational, irrational and real numbers by simplifying expressions, solving linear equations and inequalities, graphing equations, finding the equation of a line, working with monomials and polynomials, and factoring and completing the square. Students use properties of the number system to judge the validity of results, justifying each step of the procedure to prove or disprove statements. Students compute perimeter, circumference, area, volume, and surface area of geometric figures. Students also use basic trigonometric functions defined by the angles of a right triangle.

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Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Integrated Math 2

Students begin the course learning about the algebraic concepts of functions, equations, inequalities, and complex numbers. They explore exponential and radical expressions, work with polynomials, and apply their knowledge to real-world problems by using algebraic expressions and pictorial and symbolic representation.

Students begin this course by studying probability and then transition into the study of logic and geometric proofs. They continue their geometry study of triangles, parallel and perpendicular lines and angles, and then transition into the study of trigonometric ratios and the application of trigonometry. This course ends with a comprehensive look at circles.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Mathematics

Integrated Math 3

This course blends algebra, geometry, number and quantity, functions, modeling and statistics, and probability into one course. Students begin the course learning about the algebraic concepts of functions, equations, logarithms, and graphs and then transition into triangle and trig ratios. They dive into rational functions and sequences and series.

In this semester, students begin by studying counting methods, probabilities, distributions, area, volume, parabolas, circles, ellipses, hyperbolas, and systems of equations and inequalities. They finish their course of study learning about trigonometry functions and identities.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Consumer Math

This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways in which mathematics affects their daily lives. The first semester will cover paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping. Second semester topics include vehicle and home purchasing, investing, and business and employee management.

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Course Details

Grades: 9-12

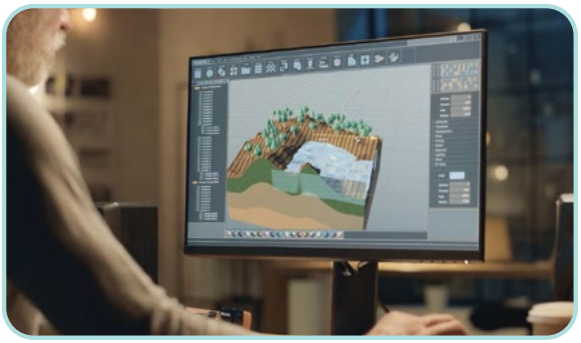
Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Applied Mathematics

Applied Mathematics (1 of 1) examines how artists, video game developers, and musicians apply mathematical concepts to create, and how biologists use mathematics to measure distances between cells and gain insights about the body. Topics include geometry, functions, probability, and statistics applied to creative and scientific fields. The course connects mathematics to careers and real-world applications.



Course Intro Video

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Mathematics

Financial Mathematics

Financial Mathematics (1 of 1) investigates how to solve real-life problems and analyze current financial issues such as taxes, loans, car leases, mortgages, and insurance. Topics include using mathematical processes to study patterns and analyze data; applying algebraic formulas; creating and interpreting graphs; and modeling amortization. The course supports informed personal and professional financial decisions.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
Algebra 1

Pre-Calculus

In this course, students will understand and apply concepts, graphs and Applications of a variety of families of functions, including polynomial, exponential, logarithmic, logistic and trigonometric. An emphasis will be placed on use of appropriate functions to model real world situations and solve problems that arise from those situations. A focus is also on graphing functions by hand and understanding and identifying the parts of a graph. A scientific and/or graphics calculator is recommended for work on assignments, and on examinations.

Pre-Calculus Part B covers the major units of Introductory Trigonometry and Graphs, Trigonometric Equations and Identities, Analytical Trigonometry, Sequences and Series, Conic Sections and an Introduction to Calculus. A focus is also on graphing functions by hand and understanding and identifying the parts of a graph.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

AP® Calculus AB

Semester 1 - This AP Calculus course is designed with the intent for students to incorporate the concepts of all previous math courses and expand upon these concepts with the implementation of Limits. Emphasis is placed upon the multi-representational approach to calculus where problems and their solutions are explored and interpreted graphically, numerically, analytically and verbally. Students will also be required to explain their answers in written form and will be asked to compare their written response to the AP grading rubric and explain why they feel they should receive that grade. Students are required to use grAPhing calculators with the capabilities ascribed by the College Board: (APcentral.collegeboard.com). These calculators will be used in a variety of ways including multi-representation of equations (graphs and tables) and also for conducting explorations with various functions and how different values change the look of the function.

Semester 2 - This AP Calculus course is designed with the intent for students to incorporate the concepts of all previous math courses and expand upon these concepts with the implementation of Limits. Emphasis is placed upon the multi-representational approach to calculus where problems and their solutions are explored and interpreted graphically, numerically, analytically and verbally. Students will also be required to explain their answers in written form and will be asked to compare their written response to the AP grading rubric and explain why they feel they should receive that grade. Students are required to use graphing calculators with the capabilities ascribed by the College Board: (APcentral.collegeboard.com). These calculators will be used in a variety of ways including multi-representation of equations (graphs and tables) and also for conducting explorations with various functions and how different values change the look of the function.

Course Details

Grades: 11-12

Semesters: 2

Prerequisite(s):
Pre-Calculus

Developed by 3rd Party

Mathematics

AP® Calculus BC

Semester 1 - AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Semester 2 - AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Course Details

Grades: 11-12

Semesters: 2

Prerequisite(s):
Pre-Calculus

Developed by 3rd Party

AP® Statistics

Semester 1 - This High School AP Statistics is a preparatory AP course that introduces students to selecting statistical methods, analyzing data, using simulations and probability, as well as statistical argumentation. In part A, students will explore: One-variable Data, Two-Variable Data, Collecting Data, Probability, Modeling probability, Sample Proportions and the Central Limit Theorem. Students will be required to answer questions using proper language associated with the AP Statistics exam. Students are required to use graphing calculators. This course will demonstrate the use of a TI-84 calculator in preparation for the AP exam.

Semester 2 - This High School AP Statistics is a preparatory AP course that introduces students to selecting statistical methods, analyzing data, using simulations and probability, as well as statistical argumentation. In part B, students will explore: Hypothesis Testing for Proportions, Testing Two Proportions, Hypothesis Testing for Means, Testing Two Means and Matched Pairs, Chi-Square Testing, and Inferences About Slops. Students will be required to answer questions using proper language associated with the AP Statistics exam. Students are required to use graphing calculators. This course will demonstrate the use of a TI-84 calculator in preparation for the AP exam.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

College Mathematics Preparation

College Math Preparation (1 of 2) explores mathematics applied to real-life situations, such as investments and interest, loans, and annuities. Topics include comparing and contrasting solutions; interpreting results of calculations in context; calculating perimeter, area, surface area, and volume; converting units of measurement between systems; and solving problems involving exponential growth. *This course may receive college credit through dual enrollment if the school has a partnership with a college.

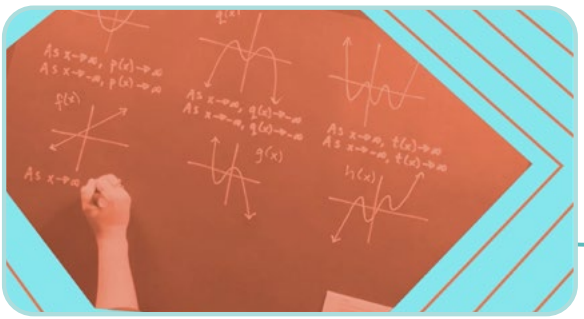
College Math Preparation (2 of 2) explores probability and statistics for real-world decision making. Topics include distinguishing between sets; using Venn diagrams to solve applied problems; calculating probability and permutations; basic statistics; and calculating and interpreting data. *This course may receive college credit through dual enrollment if the school has a partnership with a college.

Course Details

Grade: 12

Semesters: 2

Prerequisite(s):
None



Course Intro Video

Sciences

Grades K–5

Science - Kindergarten

Science - Kindergarten (1 of 2) examines basic scientific processes and methods. Topics include identifying the senses, classifying matter, and describing energy, motion, and force. The course also explores the engineering design process by designing a structure that reduces the effects of the sun on Earth.

Science - Kindergarten (2 of 2) explores key characteristics of plants and animals and how they function in varied settings such as rainforests, deserts, rivers, and oceans. Topics include how plants and animals change their environment, components that make up Earth, and varied weather changes. The course includes two projects on river lands and weather patterns.

Course Intro Video

Course Details

Grade: K

Semesters: 2

Prerequisite(s):
None

Science - Grade 1

Science - Grade 1 (1 of 2) introduces foundational science concepts through guided investigation. Topics include light and sound, with a hands-on project exploring both; matter, motion, and forces, including identifying properties of objects and how they move; patterns in life such as life cycles and energy flow; and comparison of parent organisms and their young across plants and animals.

Science - Grade 1 (2 of 2) explores how living things stay alive, how plants and animals survive, and how plants and animals help solve human problems. Topics include various objects in the sky such as the sun, moon, and stars; changes in daylight across seasons and weather; and natural resources.

Course Details

Grade: 1

Semesters: 2

Prerequisite(s):
None

Course Intro Video

Science - Grade 2

Science - Grade 2 (1 of 2) covers science processes, plants, animals, matter, energy, motion, and forces. Topics include how scientists ask questions about objects, organisms, and events; using simple equipment and tools to make observations and gather data; comparing and contrasting the basic needs of living things; identifying and describing major stages in plant and animal life cycles; designing a solution to a human problem by mimicking plant or animal structures; types of matter, properties, and physical changes; the relationship between energy and motion and between energy and forces; and concepts of electricity, gravity, and magnetism.

Science - Grade 2 (2 of 2) explores structures of the human body, compares living things in different environments, and examines natural resources. Topics include different types of landforms and bodies of water and how to map them; weathering, erosion, earthquakes, volcanoes, hurricanes, and floods; and weather, seasons, and objects in the sky such as the sun and moon.

Course Details

Grade: 2

Semesters: 2

Prerequisite(s):
None

Course Intro Video

Sciences

Science - Grade 3

Science - Grade 3 (1 of 2) examines the states, properties, and changes of matter. Topics include forms of energy; concepts of electricity and magnetism; motion and forces; and the technological advancements that build on these concepts to improve everyday life.

Science - Grade 3 (2 of 2) investigates plants and animals and how traits are passed from parent to offspring. Topics include sorting plants into flowering and nonflowering categories; describing and classifying animal characteristics into major groups based on key features; climate and weather; the solar system; and natural resources.

Course Details

Grade: 3

Semesters: 2

Prerequisite(s): None

Course Intro Video

Science - Grade 4

Science - Grade 4 (1 of 2) examines the scientific method and engineering problem-solving. Topics include matter, energy, and magnetism; and space, including Earth's place and movement, the planets, and other objects in the solar system.

Science - Grade 4 (2 of 2) examines life cycles, animal adaptations, ecosystems, food webs, and the use of fossil data as evidence of how Earth has changed over time. Topics include Earth's major systems; materials such as rocks and minerals; surface materials including landforms; weather patterns; the water cycle; and natural disasters.

Course Intro Video

Course Details

Grade: 4

Semesters: 2

Prerequisite(s): None

Science - Grade 5

Science - Grade 5 (1 of 2) identifies important scientific discoveries and the scientific method, describes the engineering design process, and explains different types of technology found in everyday life. Topics include matter, energy, forces, and magnetism, concluding with astronomy and the solar system.

Science - Grade 5 (2 of 2) investigates structures and functions of organisms; ecology and evolution; Earth's spheres; the geosphere; engineering and natural resources; and the sun, moon, and Earth systems. Topics include plant and animal anatomy; the flow of matter; climate change; evolution; weathering and erosion; seasons; the moon cycle; and predicting, modeling, and observing to draw conclusions.

Course Details

Grade: 5

Semesters: 2

Prerequisite(s): None

Course Intro Video

Grades 6–8

MS Biology and Physical Science

MS Biology and Physical Science (1 of 2) investigates the interactions between living systems and the factors that affect their growth, along with the life cycles of plants and animals. Topics include cells; the hierarchy of biological organization, including tissues, organs, and organ systems; reproduction; and the characteristics that distinguish plants and animals. The course uses models and investigations to explore core life science concepts.

MS Biology and Physical Science (2 of 2) explores physical science and Earth systems through interactive assets, virtual labs, and review games. Topics include energy and its transformations; matter and its properties; natural cycles; the effect of the sun on ocean and air currents; different types of pollution; and the effects of greenhouse gases on Earth's climate.

Course Details

Grade: 6

Semesters: 2

Prerequisite(s): None

Science 6 +

Science 6 + (1 of 2) examines connections across the natural and physical sciences. Topics include ecosystems, resource availability, and the forces shaping Earth through geoscience processes and plate movements; atomic structure and thermal changes through models of particles and temperature effects; energy transfer and engineering design through testing devices for thermal-energy optimization; the water cycle, weather patterns, and climate systems; and chemical reactions, including properties, behaviors, and real-world impact.

Science 6 + (2 of 2) examines the physical world through modeling and investigation. Topics include chemical reactions, including how atoms rearrange while conserving mass; motion and forces through Newton's laws and real-world collisions, including design solutions that improve safety and efficiency; energy transformations, tracing thermal, kinetic, and potential energy through systems; waves and the way they carry energy and interact with different materials; and the roles of electricity, magnetism, and gravity in the world.

Course Intro Video

Course Details

Grade: 6

Semesters: 2

Prerequisite(s): None

+ Spark Course

MS Physical Science

MS Physical Science (1 of 2) examines concepts from chemistry, biology, and ecology. Topics include the relationship between matter, energy, and chemical reactions; cellular respiration and photosynthesis; and the analysis of synthetic materials and their impact on society. The course uses models and investigations to connect chemistry and life science.

MS Physical Science (2 of 2) investigates concepts from ecology and geology. Topics include interactions among organisms in an ecosystem; types of rocks and the rock cycle; Earth's resources; Earth's processes and natural hazards such as earthquakes, volcanoes, and severe weather; and how technology supports disaster response and improves daily life.

Course Details

Grade: 7

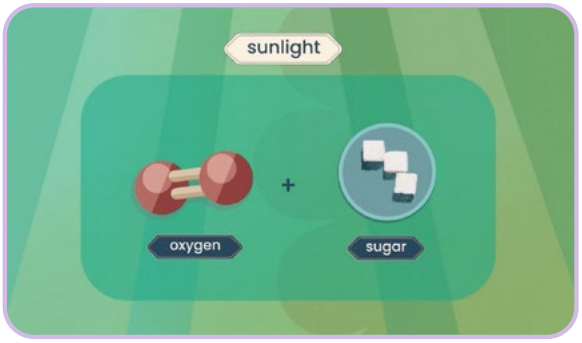
Semesters: 2

Prerequisite(s): None

Science 7 +

Science 7 + (1 of 2) investigates how living organisms harness energy, grow, and interact with their environment. Topics include how plants convert sunlight into food; how matter and energy move through ecosystems; how chemical reactions support life; Earth's dynamic processes, including weathering, erosion, and plate tectonics; climate patterns and natural hazards; comparison of digital and analog signals for reliable communication; and real-world solutions to minimize human impact on the planet.

Science 7 + (2 of 2) explores energy, forces, the Earth-sun-moon system, gravity, cells, body systems, reproduction, and genetics. Topics include how kinetic energy relates to mass and speed; how gravitational and magnetic forces affect objects; lunar phases, eclipses, seasonal patterns, planetary motion, and galaxy formation; living organisms, cell structures, and body-system interactions; and plant and animal reproduction, genetic mutations, heredity, and environmental influences on growth.



Course Intro Video

Course Details

Grade: 7

Semesters: 2

Prerequisite(s): None

+ Spark Course

MS Environmental Science

MS Environmental Science (1 of 2) examines life science concepts from biology, ecology, and environmental science. Topics include the scientific process; ecology and ecosystems; genetic technology; and the investigation of environmental questions using evidence-based reasoning. The course emphasizes how scientists ask and answer questions about the natural world.

MS Environmental Science (2 of 2) examines physical science and the history of science. Topics include physics concepts such as motion, force, and energy; space science, including the solar system and universe; and influential scientists whose discoveries shaped modern science. The course highlights the historical development of scientific ideas.

Course Details

Grade: 8

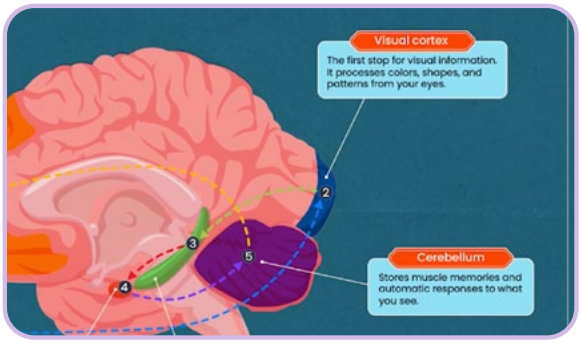
Semesters: 2

Prerequisite(s): None

Science 8 +

Science 8 + (1 of 2) explores Earth and life science. Topics include fossils, rock layers, and geological data to uncover Earth's history; shifting tectonic plates; how traits in organisms evolve due to genetics, environmental influences, and natural selection; weather and climate patterns, including how air and ocean currents shape Earth; and hands-on problem-solving connecting these concepts to real-world issues.

Science 8 + (2 of 2) examines the relationships between genetics, environmental change, and human impact on Earth's systems. Topics include population patterns, artificial selection, and genetic variation and how they influence traits over time; factors contributing to climate change; analysis of greenhouse gas effects and temperature shifts; the effects of human activity on ecosystems and resource consumption; and sustainability solutions evaluated through data analysis and hands-on investigations. Critical thinking and scientific reasoning are emphasized through inquiry-based exploration of real-world environmental challenges.



Course Intro Video

Course Details

Grade: 8

Semesters: 2

Prerequisite(s): None

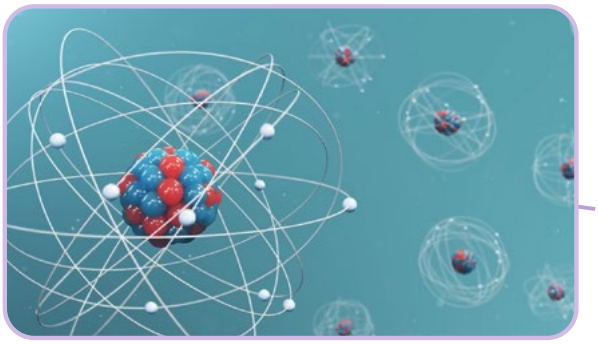
+ Spark Course

Grades 9–12

Physical Science

Physical Science (1 of 2) examines science as a whole and shows how methods and tools provide meaningful results. Topics include chemistry concepts used to interpret chemical names, formulas, equations, and models; types and properties of chemical reactions; nuclear reactions and their uses; historical perspectives on chemistry; and the social impacts of scientific discoveries.

Physical Science (2 of 2) explores physics, introduces topics in engineering, and examines how scientists think, communicate, and work. Topics include motion and force, including the motion of fluids and Newton's laws; thermodynamics; energy, work, and machines; waves; electricity; and magnetism. The course connects physics concepts to engineering applications.



Course Intro Video

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

Physical Science +

Physical Science + (1 of 2) explores the fundamental principles governing the natural world, from subatomic particles to the vastness of the universe. Topics include the electrical forces binding matter; using Newton's Law of Gravitation and Coulomb's Law to predict interactions between objects; the significance of molecular structures in material design; macroscopic energy phenomena through particle motion and position; and addressing global challenges through physics principles and engineering design.

Physical Science + (2 of 2) connects physical laws to both natural and technological worlds. Topics include modeling Earth's internal and surface phenomena; the formation of geological features and the impact of energy flow on climate; energy-conversion principles; thermal energy distribution; the second law of thermodynamics; and wave mechanics and its application in digital communication and energy transmission.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

+ Spark Course

Credit Recovery Physical Science

Credit Recovery Physical Science (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course examines science as a whole and shows how methods and tools provide meaningful results. Topics include chemistry concepts used to interpret chemical names, formulas, equations, and models; types and properties of chemical reactions; nuclear reactions; and the social impacts of science.

Credit Recovery Physical Science (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores physics and introduces topics in engineering. Topics include motion and force, including fluids and Newton's laws; thermodynamics; energy, work, and machines; waves; electricity; and magnetism.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

Sciences

Credit Recovery Physical Science +

Credit Recovery Physical Science + (1 of 2) explores the fundamental principles governing the natural world, from subatomic particles to the vastness of the universe. Topics include the electrical forces binding matter; using Newton's Law of Gravitation and Coulomb's Law to predict interactions between objects; the significance of molecular structures in material design; macroscopic energy phenomena through particle motion and position; and addressing global challenges through physics principles and engineering design. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Credit Recovery Physical Science + (2 of 2) connects physical laws to both natural and technological worlds. Topics include modeling Earth's internal and surface phenomena; the formation of geological features and the impact of energy flow on climate; energy-conversion principles; thermal-energy distribution; the second law of thermodynamics; and wave mechanics and its application in digital communication and energy transmission. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

+ Spark Course

Environmental Science

Environmental Science (1 of 2) examines relationships between organisms and the environment, including how research influences scientific thought and environmental decisions. Topics include scientific practices; evidence-based data and its display; ecosystems and biodiversity; ecology; and how data informs societal decision-making. The course emphasizes inquiry and analysis.

Environmental Science (2 of 2) examines the relationship between humans and the environment, including past, present, and future impacts of resource use. Topics include sources and effects of air, soil, and water pollution; regulations and actions taken to mitigate environmental harm; climate change and sustainability; and the role of policy and innovation in environmental protection.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): Chemistry

Course Intro Video

Earth Science

How much do we really know about our home, planet Earth? The Earth Science course will explore the dynamic systems of Earth and Space to help students understand how Earth's systems have developed through time, how they are interrelated, and how humans impact them. In the first semester, students will investigate the universe and its stars, the planets of the Solar System, and the systems that make up Earth. Students will examine the role of water on our planet and sun-driven interactions affecting climate and weather. They will also model biogeochemical cycles and energy flow through Earth's systems. Students will use critical thinking and problem-solving skills to learn through videos, readings, interactive activities, mini-projects, labs, and simulations based on real-world data. These course assignments are designed to explicitly engage students' Next Generation Science Standards (NGSS) Performance Expectations (PEs). Also, students will apply Science and Engineering Practices (SEPs) to construct an understanding of Disciplinary Core Ideas (DCIs) through the lens of Crosscutting Concepts (CCs) to explain a phenomenon. The discussion assignments focus on enabling students to use their science knowledge to make informed decisions about personal and societal issues. Students will be assessed through lesson quizzes and semester exams.

In the second semester, students will explore how Earth's surface changes through plate tectonics and geological processes. Students will also take a step back in time to see how the Earth and life developed through its timescale. By the end of the course, students will be able to explain the different systems on Earth, how they affect each other, and how the Earth is changing due to human activity. This course will give students tools and information to examine their daily choices in response to ongoing natural hazards like climate change and find ways to protect the Earth and its natural resources. Students will use critical thinking and problem-solving skills to learn through videos, reading, interactive activities, mini-projects, labs, and simulations based on real-world data. The course assignments are designed to explicitly engage students in the Next Generation Science Standards (NGSS) Performance Expectations (PEs). In many cases, students will apply Science and Engineering Practices (SEPs) to construct an understanding of Disciplinary Core Ideas (DCIs) through the lens of Crosscutting Concepts (CCs) to explain a phenomenon. The discussion assignments focus on enabling students to make informed decisions about personal and societal issues. Students will be assessed through lesson quizzes and semester exams.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

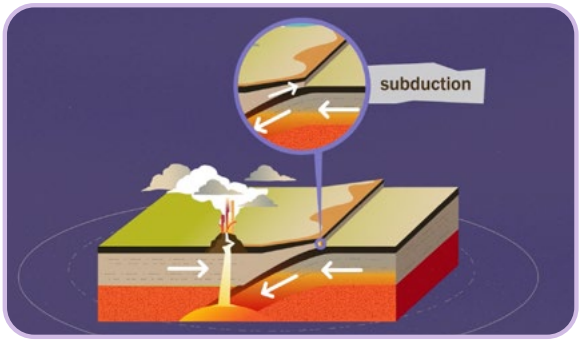
Developed by 3rd Party

Sciences

Earth and Space Science +

Earth and Space Science + (1 of 2) develops understanding of Earth's dynamic systems and the impact of those processes on human activity. Topics include the significance of the carbon cycle, illustrated through visual models and experiments; the effects of human activity on Earth's systems; climate change; natural-resource management; and sustainability of living things.

Earth and Space Science + (2 of 2) explores the processes that shape the cosmos and Earth, connecting space phenomena with Earth dynamics. Topics include the sun's life cycle; the Big Bang theory; the solar system's orbital mechanics; and historical evidence of plate tectonics. Integral science practices are applied throughout, including developing models, analyzing evidence, and applying scientific reasoning.



Course Intro Video

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

+ Spark Course

Credit Recovery Earth and Space Science +

Credit Recovery Earth and Space Science + (1 of 2) develops understanding of Earth's dynamic systems and their impact on human activity. Topics include the significance of the carbon cycle, illustrated through visual models and experiments; the effects of human activity on Earth's systems; climate change; natural-resource management; and sustainability of living things. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Credit Recovery Earth and Space Science + (2 of 2) explores the processes that shape the cosmos and Earth, connecting space phenomena with Earth dynamics. Topics include the sun's life cycle; the Big Bang theory; the solar system's orbital mechanics; and historical evidence of plate tectonics. Integral science practices are applied throughout, including developing models, analyzing evidence, and applying scientific reasoning. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

+ Spark Course

Marine Science

About 70% of the Earth is covered by water. Even today, much of the world's oceans remain unexplored. Marine scientists make exciting new discoveries about marine life every day. In this course, students will discover the vast network of life that exists beneath the ocean's surface and study the impact that humans have on the oceans.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Sciences

Biology

Biology (1 of 2) examines the basics of biochemistry and how it helps explain biological systems on Earth. Students use logical thinking to identify relationships and draw conclusions. Topics include the building blocks of biochemistry; the structure and function of cells and cell membranes; cell division and reproduction; cell energy and metabolism; and photosynthesis.

Biology (2 of 2) examines genetics, natural selection, and ecology, and models how matter and energy flow through ecosystems. Topics include patterns of inheritance; evolutionary mechanisms; population and community ecology; energy flow and biogeochemical cycles; and the role of technology in biological research. The course also explores ethical guidelines in biotechnology.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

Biology +

Biology + (1 of 2) examines life from the molecular level of organisms to the complexity of ecosystems. Topics include the structure and function of multicellular organisms; the use of models to illustrate biological processes; and the connections between geological processes and life on Earth through photosynthesis, cellular respiration, and carbon cycling.

Biology + (2 of 2) investigates ecosystems, evolution, and the human footprint on the environment. Topics include natural selection, adaptation, and the statistical likelihood of traits contributing to species survival; and solutions for reducing human effects on biodiversity and the environment using engineering-design principles.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

+ Spark Course

Biology Honors

Biology Honors (1 of 2) examines life at the cellular level by exploring how the scientific method is used to investigate questions and present findings. Topics include chemical makeup and size of cells; cell structure and function; flow of energy through cells; and patterns of inheritance. The honors version offers additional examples and practice.

Biology Honors (2 of 2) examines life on Earth from a big-picture perspective, exploring the evolution of species and the history of life. Topics include living organisms from microorganisms to plants and animals; human body systems; ecology; and human interactions with the environment. Historical perspectives and societal impacts of biology appear in each lesson. The honors version offers additional examples and practice.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

Sciences

AP® Biology

Semester 1 - This course is taught at the college level and designed to prepare students to take the Advanced Placement Examination and score high enough to earn college credit in those colleges that recognize the examination. College level textbooks are used. The course will cover all of the topics in the AP Biology Course Description. These include biochemistry, cell structure and function, cell energetics, cellular reproduction and communication, heredity, molecular genetics, evolution, ecology, diversity of organisms, structure and function of plants and animals, and comparative anatomy.

Semester 2 - This course is taught at the college level and designed to prepare students to take the Advanced Placement Examination and score high enough to earn college credit in those colleges that recognize the examination. College level textbooks are used. The course will cover all of the topics in the AP Biology Course Description. These include biochemistry, cell structure and function, cell energetics, cellular reproduction and communication, heredity, molecular genetics, evolution, ecology, diversity of organisms, structure and function of plants and animals, and comparative anatomy.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Credit Recovery Biology

Credit Recovery Biology (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course examines the basics of biochemistry and how it helps explain biological systems. Topics include the building blocks of biochemistry; cell structure and function; cell division and reproduction; cell energy and metabolism; and photosynthesis.

Credit Recovery Biology (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course examines genetics, natural selection, and ecology, and models how matter and energy flow through ecosystems. Topics include patterns of inheritance; evolutionary mechanisms; ecology; and ethical considerations in biotechnology.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Credit Recovery Biology +

Credit Recovery Biology + (1 of 2) examines life from the molecular level of organisms to the complexity of ecosystems. Topics include the structure and function of multicellular organisms; the use of models to illustrate biological processes; and the connections between geological processes and life on Earth through photosynthesis, cellular respiration, and carbon cycling. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Credit Recovery Biology + (2 of 2) investigates ecosystems, evolution, and the human footprint on the environment. Topics include natural selection, adaptation, and the statistical likelihood of traits contributing to species survival; and solutions for reducing human effects on biodiversity and the environment using engineering-design principles. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

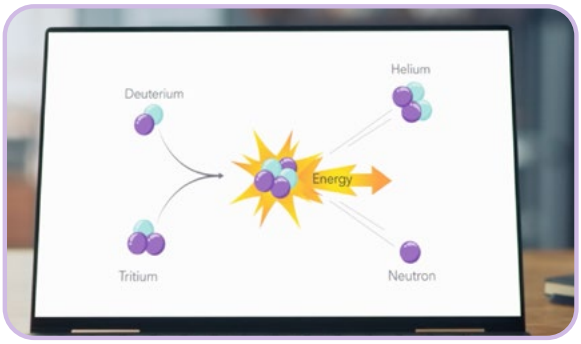
+ Spark Course

Sciences

Chemistry

Chemistry (1 of 2) examines basic principles and properties of matter and their everyday uses. Topics include atomic models; predicting chemical reactions and how scientists engineer them to solve problems; the periodic table and properties of elements; chemical bonding; and stoichiometry. The course emphasizes laboratory reasoning and models.

Chemistry (2 of 2) examines chemistry-related technologies. Topics include matter; types of bonds and forces that hold atoms and molecules together; states of matter and phase changes; gas laws; solutions; thermodynamics and kinetics of chemical reactions; chemical equilibrium and electrochemistry; radiation; and the difference between nuclear fission and fusion. Students also evaluate the ethical and social implications of chemistry-related technologies.



Course Intro Video

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

Chemistry +

Chemistry + (1 of 2) examines chemistry's core principles and their connections to Earth's systems and cosmic processes. Topics include the sun's life cycle, nuclear fusion, and star-produced elements; using the periodic table to predict elemental behaviors and electron configurations; nuclear changes, fission, fusion, and decay; the carbon cycle's global impact; chemical-reaction energetics; bond-energy dynamics; and the conservation-of-mass principle.

Chemistry + (2 of 2) advances the study of chemistry with a focus on energy transformations, system behaviors, and environmental and technological applications. Topics include electric currents and magnetic fields; energy conservation within systems; applications of the second law of thermodynamics; energy and mineral resource management; the development of efficient energy solutions; and the optimization of chemical reactions for environmental stewardship.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

+ Spark Course

Chemistry Honors

Chemistry Honors (1 of 2) examines basic principles and properties of matter and their everyday uses. Topics include atomic models; predicting chemical reactions; the periodic table; chemical bonding; and stoichiometry. The honors version offers additional examples and practice.

Chemistry Honors (2 of 2) examines chemistry-related technologies. Topics include matter; types of bonds and forces that hold atoms and molecules together; states of matter and phase changes; gas laws; solutions; thermodynamics and kinetics of chemical reactions; chemical equilibrium and electrochemistry; radiation; and nuclear fission and fusion. Students also evaluate the ethical and social implications of chemistry-related technologies. The honors version offers additional examples and practice.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

Sciences

AP® Chemistry

Semester 1- AP Chemistry is taught at the college level and is designed to prepare students to take the Advanced Placement Examination and to score high enough to earn college credit in those colleges that recognize the examination. College level textbooks are used. The course will cover all of the topics in the AP Chemistry course description. These include an introduction to chemistry as the study of change, gases, thermochemistry, quantum theory, chemical bonding, crystals, phase changes, solutions, chemical kinetics, chemical equilibrium, acids and bases, entropy, electrochemistry, nuclear chemistry, metallurgy, alkali and alkaline metals, nonmetallic metals, transition metals, organic chemistry, and synthetic and natural organic polymers.

Semester 2 - AP Chemistry is taught at the college level and is designed to prepare students to take the Advanced Placement Examination and to score high enough to earn college credit in those colleges that recognize the examination. College level textbooks are used. The course will cover all of the topics in the AP Chemistry course description. These include an introduction to chemistry as the study of change, gases, thermochemistry, quantum theory, chemical bonding, crystals, phase changes, solutions, chemical kinetics, chemical equilibrium, acids and bases, entropy, electrochemistry, nuclear chemistry, metallurgy, alkali and alkaline metals, nonmetallic metals, transition metals, organic chemistry, and synthetic and natural organic polymers.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Credit Recovery Chemistry

Credit Recovery Chemistry (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course examines basic principles and properties of matter and their everyday uses. Topics include atomic models; predicting chemical reactions; the periodic table; chemical bonding; and stoichiometry.

Credit Recovery Chemistry (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course examines chemistry-related technologies. Topics include matter and bonding; states of matter and phase changes; gas laws; solutions; thermodynamics and kinetics; chemical equilibrium and electrochemistry; and nuclear chemistry. Students also evaluate the ethical and social implications of chemistry-related technologies.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Credit Recovery Chemistry +

Credit Recovery Chemistry + (1 of 2) examines chemistry's core principles and their connections to Earth's systems and cosmic processes. Topics include the sun's life cycle, nuclear fusion, and star-produced elements; using the periodic table to predict elemental behaviors and electron configurations; nuclear changes, fission, fusion, and decay; the carbon cycle's global impact; chemical-reaction energetics; bond-energy dynamics; and the conservation-of-mass principle. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Credit Recovery Chemistry + (2 of 2) advances the study of chemistry with a focus on energy transformations, system behaviors, and environmental and technological applications. Topics include electric currents and magnetic fields; energy conservation within systems; applications of the second law of thermodynamics; energy and mineral resource management; the development of efficient energy solutions; and the optimization of chemical reactions for environmental stewardship. Credit Recovery supports students in completing coursework and earning credits needed for graduation.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

+ Spark Course

AP® Physics

AP Physics 1 is a rigorous full-year course divided into two semesters. Semester A focuses on kinematics, Newton's law of motion, forces, work, energy, power, and momentum. Semester B expands these topics while focusing on torque, inertia, angular momentum, oscillations, and fluids. Throughout this course you will gain knowledge, skills, and understanding of key physics principles, as well as gain preparation for taking the AP Physics 1 Exam.

AP Physics 1 is a rigorous full-year course divided into two semesters. Semester A focuses on kinematics, Newton's law of motion, forces, work, energy, power, and momentum. Semester B expands these topics while focusing on torque, inertia, angular momentum, oscillations, and fluids. Throughout this course you will gain knowledge, skills, and understanding of key physics principles, as well as gain preparation for taking the AP Physics 1 Exam.

Course Details

Grades: 11-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Social Studies

Grades K-5

Social Studies - Kindergarten

Social Studies - Kindergarten (1 of 2) explores the roles and responsibilities of young citizens within civics, geography, economics, and history. Topics include local and national cultural awareness, how culture shapes understanding of oneself and others, and introductory aspects of national culture.

Social Studies - Kindergarten (2 of 2) explores the roles and responsibilities of young citizens within civics, geography, economics, and history. Topics include local and national cultural awareness, how culture shapes understanding of oneself and others, and introductory aspects of national culture.

Course Details

Grade: K

Semesters: 2

Prerequisite(s):
None

Course Intro Video

Social Studies - Grade 1

Social Studies - Grade 1 (1 of 2) examines how a community functions and how members contribute to the common good through civics, geography, economics, and history. Topics include characteristics of urban, suburban, and rural communities; democratic principles and participation in government; community resources; environment; change over time; and cause and effect.

Social Studies - Grade 1 (2 of 2) examines features, symbols, holidays, and leaders of the United States and describes important people of the past. Topics include identifying national, state, and local government leaders; how local government makes and enforces laws; and the impact of resources and the environment on how humans live.

Course Intro Video

Course Details

Grade: 1

Semesters: 2

Prerequisite(s):
None

Social Studies - Grade 2

Social Studies - Grade 2 (1 of 2) explores how the world is interconnected through geography and economics. Topics include spatial understanding of the world; how cultures and civilizations are interconnected and have influenced the United States at community, state, and national levels; and United States history, world history, and civics taught in a comparative context using stories from the United States and around the world.

Social Studies - Grade 2 (2 of 2) describes how humans affect communities and environments of various regions. Topics include geography and economics of environments around the world; uses of natural resources; how goods and services move globally; producers and consumers in a global economy; and asking compelling and supporting questions, finding and using sources, and writing an argument and explanation of how people or groups affect the environment.

Course Details

Grade: 2

Semesters: 2

Prerequisite(s):
None

Course Intro Video

Social Studies

Social Studies - Grade 3

Social Studies - Grade 3 (1 of 2) explores geography, history, politics, and economics at local, state, national, and tribal levels. Topics include civic engagement at a community level; government services; physical and cultural features of the North American region; resources and industry; and why people migrate within the United States and to the United States from other countries.

Social Studies - Grade 3 (2 of 2) explores how to use sources to learn about First Peoples and construct a narrative of American Indian Nations. Topics include the Pueblo people and influential people and groups from various states; making an argument about the past based on reasoning, examples, and details from sources; and constructing a narrative of explorers and settlers in the Southwest United States to describe expansion into the West.

Course Details

Grade: 3

Semesters: 2

Prerequisite(s): None

Course Intro Video

Social Studies - Grade 4

Social Studies - Grade 4 (1 of 2) examines the earliest periods of America through history, geography, economics, and civics. Topics include settlement patterns, lifestyles, and governments of early American Indian societies; European exploration and settlement of North America; interaction with American Indian groups; and use of primary sources, maps, graphs, and timelines to analyze periods of early American history.

Social Studies - Grade 4 (2 of 2) explores the history, geography, and economics of the original 13 colonies of the United States. Topics include indentured servitude, cultural mixing, and colonial governments; trade between Europe, Africa, and the Americas, including what was traded and its effects on the colonies; and the New England, Middle, and Southern Colonies, focusing on the specific location, economy, government, religion, and culture of each area.

Course Details

Grade: 4

Semesters: 2

Prerequisite(s): None

Course Intro Video

Social Studies - Grade 5

Social Studies - Grade 5 (1 of 2) begins with a study of the causes and effects of the American Revolution, including how British taxation following the French and Indian War led colonists to declare independence. Topics include the drafting of the US Constitution; the articles of the Constitution; the powers of each branch of government; and citizens' rights protected in the Bill of Rights. Social studies skills are applied through primary sources, maps, graphs, and timelines used to analyze this period of United States history.

Social Studies - Grade 5 (2 of 2) begins with a study of the results of the American Revolution and westward expansion, including how gaining more land changed the size of the United States. Topics include causes and effects of westward expansion and the transcontinental railroad; reasons people wanted to move west; how territorial expansion affected American Indians; and changes in the national economy. Social studies skills are applied through primary sources, maps, graphs, and timelines used to analyze this period of United States history.

Course Intro Video

Course Details

Grade: 5

Semesters: 2

Prerequisite(s): None

Social Studies

Grades 6–8

MS World History: Peoples of the Ancient World

MS World History: Peoples of the Ancient World (1 of 2) explores geographical, social, economic, and political foundations of early civilizations in Mesopotamia, Egypt, Ancient Israel, and India as they shifted from nomadic to agricultural societies. Topics include the impact of geography; early history and cultural development; economic change; physical and political features; economic development and resources; and migration patterns.

MS World History: Peoples of the Ancient World (2 of 2) explores the geographic, political, economic, and cultural development of ancient Greece, Rome, and China. Students apply historical thinking skills to understand the influence of ancient literature, art, and philosophy on later Western culture. Topics include the birth and spread of Judaism, Christianity, Taoism, and Confucianism; classical political structures; and trade and cultural exchange across the ancient world.

Course Details

Grade: 6

Semesters: 2

Prerequisite(s): None

Global Studies: Eastern Hemisphere +

Global Studies: Eastern Hemisphere + (1 of 2) explores the geography, history, and cultures of early civilizations in Africa, Asia, and Europe. Topics include how historians and geographers study the past using maps, primary sources, and historical evidence; early human societies from the Stone Age to the Agricultural Revolution; the development of permanent settlements and early communities; and major civilizations in Mesopotamia, Egypt, India, and China, with focus on governments, religions, economies, and achievements. The course examines the relationship between geography, trade, and conflict to explain how these civilizations developed and interacted.

Global Studies: Eastern Hemisphere + (2 of 2) explores the geography, history, and cultures of classical antiquity and medieval civilizations across Europe, Africa, and Asia. Topics include the rise and fall of Greece, Rome, the Byzantine Empire, and the Islamic world, including their governments, economies, religions, and cultural achievements; the impact of geography on trade, war, and cultural exchange; the spread of ideas, technologies, and belief systems; the development of feudal societies; the Crusades; and the Renaissance. Students draw connections between historical events and their lasting influence on the modern world through historical inquiry and critical thinking.

Course Details

Grade: 6

Semesters: 2

Prerequisite(s): None

+ Spark Course

MS World History: Ancient Times to 1770s

MS World History: Ancient Times to 1770s (1 of 2) explores the social, cultural, and technological developments occurring in Europe, Africa, and Asia between AD 500 and 1789. Topics include how archaeologists and historians uncover the past; feudal systems; the spread of world religions; medieval societies; and early empires and kingdoms across three continents. The course emphasizes interpretation of primary and secondary sources.

MS World History: Ancient Times to 1770s (1 of 2) explores the social, cultural, and technological developments occurring in Europe, Africa, and Asia between AD 500 and 1789. Topics include how archaeologists and historians uncover the past; feudal systems; the spread of world religions; medieval societies; and early empires and kingdoms across three continents. The course emphasizes interpretation of primary and secondary sources.

Course Details

Grade: 7

Semesters: 2

Prerequisite(s): None

Social Studies

Integrated Global Studies +

Integrated Global Studies + (1 of 2) explores important historical events and geographic ideas that have shaped the world today. Topics include how historians and geographers study the past using maps, primary sources, and other tools to find patterns and connections; the Scientific Revolution and Enlightenment; major revolutions including the American, French, Latin American, Russian, and Chinese; industrialization and new inventions that transformed daily life; and the effects of historical events on the modern world.

Integrated Global Studies + (2 of 2) explores the key historical, political, and economic forces that have shaped the modern world. Topics include the Great Depression, the rise of dictatorships, and the causes and consequences of World War II, including the Holocaust and global war crimes; the Cold War, its political tensions, technological rivalries, and effects on daily life; how geography influences conflicts and global interactions, from environmental changes to the role of technology; government systems, public policy, and economic principles; and how decisions are made and affect communities.

Course Details

Grade: 7

Semesters: 2

Prerequisite(s): None

+ Spark Course

MS US History: Colonization to 1900

MS US History: Colonization to 1900 (1 of 2) explores early American history from the pre-Columbian era through the evolution from the British Colonies to the creation of the United States. Topics include the ideology of the framing documents; the nature of the American republic; the challenges of growth; and sectional divisions and conflict. The course uses primary sources to examine key turning points.

MS US History: Colonization to 1900 (2 of 2) explores westward expansion, early Spanish missions in western North America, Reconstruction, and the Second Industrial Revolution, connecting these events to shaping of policies and cultures. Topics include causes and effects of the Texas Revolution and the Mexican American War; the California gold rush; the American Civil War; and the Indian Wars of the 19th century.

Course Details

Grade: 8

Semesters: 2

Prerequisite(s): None

Civics +

Civics + (1 of 2) explores government and citizenship in the United States. Topics include the founding documents of the US government, including the Declaration of Independence and the Constitution; the structure and functions of the US government; the rights and responsibilities of American citizens; the rule of law in a democratic society; how popular movements have sought to change American society and its institutions; human rights around the world; and how global conflicts can unite and divide people.

Civics + (2 of 2) explores the foundations of government, citizenship, and the role of individuals in shaping society. Topics include how geography, history, and economics influence government policies and decision-making, from resource management to environmental issues; how political, social, and economic factors shape communities and impact public policy at local, national, and global levels; civic engagement through community service and service-learning projects; economic principles, financial literacy, and the role of trade, taxes, and government regulations in everyday life; and the responsibilities of citizenship and the power of informed decision-making.

Course Details

Grade: 8

Semesters: 2

Prerequisite(s): None

+ Spark Course

Course Intro Video

MS Civics and Economics

MS Civics and Economics (1 of 2) examines the structure and functions of the US systems of government, the roles and responsibilities of citizens in the political process, and the relationship of the individual to the law and legal system. Topics include the Declaration of Independence; analysis of the principles of the US Constitution and debates surrounding its ratification; evaluating the validity of sources; landmark Supreme Court cases; and the voting process.

MS Civics and Economics (2 of 2) explores the economic structures that shape individuals, businesses, and government, and how institutions influence the market economy. Topics include personal finance; preparing a personal budget; the national budget; interest rates, investing, and debt; the influence of natural resources on economies; trade and market systems; taxes; labor; and regulatory agencies.

Course Details

Grades: 6-8

Semesters: 2

Prerequisite(s): None

Social Studies

Grades 9-12

US History

US History (1 of 2) explores European exploration and the impact Europeans had on the lives of those native to North America. Topics include the development of the English colonies; causes and effects of the American Revolution; ratification of the Constitution; causes of the War of 1812; analysis of sectionalism; westward expansion; the Civil War and Reconstruction; the Indian Wars; immigration; and the Second Industrial Revolution.

US History (2 of 2) traces pivotal events in American history and presidential administrations into the 21st century. Topics include the Gilded Age; Progressive Era; World War I; the Roaring Twenties; the Great Depression; the New Deal; World War II; the Cold War; proxy conflicts such as the Vietnam War and Korean War; technological innovations; global communications; and the rise of terrorism.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

US History +

US History + (1 of 2) explores the key ideas, conflicts, and developments that shaped the United States from the colonial period through the end of the 19th century. Topics include philosophical, social, and cultural changes in colonial America; the causes, strategies, and outcomes of the American Revolution; the creation of the Constitution and early government, including the rise of political parties and national policies; westward expansion; interactions with American Indians; shifting national identities; economic and technological growth; the causes and consequences of the Civil War; the challenges of Reconstruction; and industrial growth and changing labor systems in the late 19th century.

US History + (2 of 2) explores pivotal moments that have shaped modern America from the Progressive Era to the 21st century. Topics include political decisions, social movements, economic shifts, and global conflicts and their influence on the nation and its role in the world; the causes and consequences of war; the evolution of civil rights; the impact of economic policies; and the ways technology and information shape society. Engagement with historical evidence and diverse perspectives develops critical thinking about how past events shape the present and future.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

+ Spark Course

US History Honors

US History Honors (1 of 2) explores European exploration and the impact Europeans had on the lives of those native to North America. Topics include development of the English colonies; causes and effects of the American Revolution; ratification of the Constitution; the War of 1812; sectionalism; westward expansion; the Civil War and Reconstruction; Indian Wars; immigration; and the Second Industrial Revolution. The honors version offers additional examples and practice.

US History Honors (2 of 2) traces pivotal events in American history and presidential administrations into the 21st century. Topics include the Gilded Age; Progressive Era; World War I; the Roaring Twenties; the Great Depression; the New Deal; World War II; the Cold War; proxy conflicts such as the Vietnam War and Korean War; technological innovations; global communications; and the rise of terrorism. The honors version offers additional examples and practice.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

Social Studies

AP® United States History

Semester 1 - AP United States History is an intensive, full-year course divided into two semesters. The course focuses on exploring and analyzing American historical events, individuals, and cultural trends. Students will be prepared with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States History. This first semester course covers the time frame of 1492 to 1877, and the second semester course covers the time frame 1878 to present. This course is designed to prepare students for the Advanced Placement Exam in United States History that is administered by the College Board Educational Testing Center. The class satisfies the United States History requirement for graduation.

AP United States History is an intensive, full-year course divided into two semesters. The course focuses on exploring and analyzing American historical events, individuals, and cultural trends. Students will be prepared with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States History. This first semester course covers the time frame of 1492 to 1877, and the second semester course covers the time frame 1878 to present. This course is designed to prepare students for the Advanced Placement Exam in United States History that is administered by the College Board Educational Testing Center. The class satisfies the United States History requirement for graduation.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Credit Recovery US History

Credit Recovery US History (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores European exploration and the impact Europeans had on the lives of those native to North America. Topics include development of the English colonies; causes and effects of the American Revolution; ratification of the Constitution; the War of 1812; sectionalism; westward expansion; the Civil War and Reconstruction; Indian Wars; immigration; and the Second Industrial Revolution.

Credit Recovery US History (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course traces pivotal events in American history and presidential administrations into the 21st century. Topics include the Gilded Age; Progressive Era; World War I; the Roaring Twenties; the Great Depression; the New Deal; World War II; the Cold War; proxy conflicts such as the Vietnam and Korean Wars; technological innovations; global communications; and the rise of terrorism.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

US Government

US Government (1 of 1) examines the history and philosophy of the United States government and the guiding principles of democracy. Topics include analysis of the United States Constitution; functions and duties of the three branches of government; the role of the Supreme Court; civic engagement in the political process; the rights and responsibilities of citizens; government systems of the world; political parties; interest groups; and the role of the media in shaping government.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Course Intro Video

Social Studies

US Government Honors

US Government Honors (1 of 1) examines early political ideas that led to the development of the United States government, along with the various governments that operate within the United States. Topics include local, state, and national levels of government; civic engagement and how it influences policy; the interaction of the United States with the world through trade, immigration, and global conflicts; and the structure of federal, state, and local authority. The honors version offers additional examples and practice.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Credit Recovery US Government

Credit Recovery US Government (1 of 1) supports students in completing coursework and earning credits needed for graduation. The course examines the history and philosophy of the United States government and the guiding principles of democracy. Topics include analysis of the US Constitution; functions of the three branches; the Supreme Court; civic engagement; rights and responsibilities of citizens; government systems of the world; political parties; interest groups; and the media.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

World History

World History (1 of 2) explores key events and historical developments from hunter-gatherer societies to the Industrial Revolution. Topics include analysis of prehistoric peoples from the Paleolithic era to the Agricultural Revolution; the rise and fall of early empires including the Roman Empire; the Crusades; feudalism; the plague; Asian empires and trade routes; the Renaissance and Protestant Reformation; and important revolutions that shaped history.

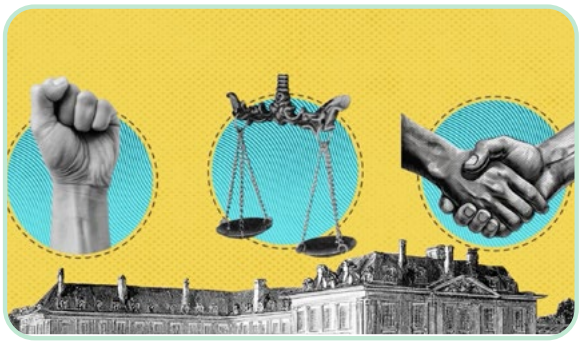
World History (2 of 2) traces developments of the last 250 years by examining the origins of modern Western imperialism and analyzing its cultural, economic, and political impacts on Africa and Asia. Topics include the influence of the Industrial Revolution; the impact of imperialism and nationalism on World War I; how the Treaty of Versailles contributed to the rise of fascism and the start of World War II; 20th-century warfare; the Armenian Genocide; and the Holocaust.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None



Course Intro Video

Social Studies

World History Honors

World History Honors (1 of 2) explores key events and global historical developments from hunter-gatherer societies to the Industrial Revolution. Topics include the Paleolithic era and the Agricultural Revolution; the rise and fall of early empires including Rome and Asian empires; the impact of the Renaissance, Protestant Reformation, Age of Exploration, and the American colonies; and analysis of the scientific, American, and Industrial Revolutions. The honors version offers additional examples and practice.

World History Honors (2 of 2) examines revolutions and the establishment of European colonies around the globe, tracing the effects of imperialism and nationalism through World War I, World War II, and the Cold War. Topics include globalization, social media, and technological advances and the threats associated with them. The honors version offers additional examples and practice.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

Credit Recovery World History

Credit Recovery World History (1 of 2) supports students in completing coursework and earning credits needed for graduation. The course explores key events and historical developments from hunter-gatherer societies to the Industrial Revolution. Topics include prehistoric peoples; the rise and fall of early empires including Rome; the Crusades; feudalism; the plague; Asian empires and trade routes; the Renaissance and Protestant Reformation; and important revolutions that shaped history.

Credit Recovery World History (2 of 2) supports students in completing coursework and earning credits needed for graduation. The course traces developments of the last 250 years by examining modern Western imperialism and analyzing its cultural, economic, and political impacts on Africa and Asia. Topics include the Industrial Revolution; imperialism and nationalism; World War I; the Treaty of Versailles and the rise of fascism; World War II; the Armenian Genocide; and the Holocaust.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

AP® Modern World History

The first semester of AP World History Modern delves into the history of mankind. Looking back to the prehistoric times, students will develop the connections between the early river valleys, the beginnings of civilizations, and governments. Through this semester, students will be introduced to concepts that will be placed on the AP examination, and will also be given multiple opportunities to practice skills necessary for the AP exam. This specific time will start from the First Agricultural Revolution to the Age of Exploration.

The second semester of this course is a continuation of the first semester, starting with how Europe evolved from the colonies being brought into the New World. This course will continue to make connections between nations and look at the big picture concepts of the world until present day. This semester will also spend time preparing specifically for the AP exam. Through review materials and practicing skills needed for the AP exam, students will work on being prepared for the exam.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

Developed by 3rd Party

Social Studies

World Geography

World Geography (1 of 2) explores the five themes of geography and analyzes Earth's processes and their impact on physical and human geography. Topics include the use of physical and political maps; trends in population, migration, and resources; and a regional focus on the Americas, Central Asia, and Europe, including cultural, economic, and political interactions.

World Geography (2 of 2) continues exploration of the five themes of geography with a focus on the Middle East, Africa, and Asia. Topics include physical and political maps; cultural beliefs and social and political systems; economic development and resources; migration; and global interactions among countries and regions.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

World History and Geography +

World History and Geography + (1 of 2) explores transformative events, ideas, and conflicts that have shaped civilizations from the Enlightenment to the Industrial Revolution and beyond. Topics include artistic, philosophical, and scientific advancements; revolutions that reshaped nations; evolving labor systems and economies; the causes and consequences of imperialism, global conflicts, and ideological shifts; and the interplay of state-building, technological progress, and cultural exchanges. Historical inquiry with primary and secondary sources develops critical-thinking skills and connects past and present.

World History and Geography + (2 of 2) examines pivotal events, ideologies, and conflicts that have defined global history. Topics include the causes and consequences of war; shifting political landscapes and the influence of belief systems; strategies for conflict resolution; the role of marginalized groups; and the impact of economic and political decisions on global cooperation. Coverage spans World War II to the Cold War and beyond, with critical thinking applied to connections between past and present.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

+ Spark Course

Social Studies

Ethnic Studies

Ethnic Studies is designed to help students to develop a more complex and nuanced understanding of the human experience as it relates to ethnicity, including the factors that influence individual and collective identity. Early lessons in the course guide students to build a conceptual framework for studying ethnicity and ethnic groups, based on the relationships among identity, ethnicity, race, and nationality. At the beginning of the course, students will analyze how cultural assumptions and biases influence both individual identity and people's perceptions of others. Additionally, lessons about the origins of culture in early civilizations and the ways that humans organized themselves socially as populations increased will provide background knowledge that students need to study ethnicity in the United States.

Later lessons introduce the histories and cultures of specific ethnic groups in the United States and help students understand how identity and experience are sometimes shaped by belonging to these groups. Students will then investigate factors that lead members of different ethnic groups to immigrate to the United States and consider how these groups and their cultures have shaped American society. Students will also analyze the power structures that impact the lived experiences of Americans in various ethnic groups, identifying patterns of oppression and resistance throughout each group's history.

Throughout the course, students are encouraged to identify and appreciate aspects of their own identity as well as the cultures, strengths, achievements, and values of the major ethnic groups in the United States. A key feature of the course is the emphasis given to the perspectives of individuals from historically marginalized groups that are rarely represented in textbooks. The goal is to add these voices to the larger historical narrative so that students can see themselves and all of their classmates as vital parts of the American story.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Civics and Citizenship

Civics and Citizenship (1 of 1) prepares for the Naturalization Test designed by the United States federal government and fulfills a high school graduation requirement. Topics include principles of American democracy; the structure and functions of federal, state, and local government; rights and responsibilities of citizens; key historical events and documents; and symbols, holidays, and geography of the United States.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Civics and Government +

Civics and Government + (1 of 1) explores the foundations, functions, and responsibilities of government at local, state, national, and international levels. Topics include civic virtues, democratic principles, and constitutional rights, including key historical documents, legislation, and court cases; the structure of government; comparison of political systems worldwide; decision-making processes across branches and levels of government; and the roles of citizens, political institutions, and policies in shaping democracy. Real-world problem-solving and civic participation develop knowledge and skills for engaging as informed members of communities and global society.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

+ Spark Course

Course Intro Video

Social Studies

Economics

Economics (1 of 1) explores the principles needed to make informed decisions about personal finance and develops a broader understanding of national and international economic policies. Topics include why economics shapes history; the distribution of wealth; supply and demand; market structures; monetary and fiscal policy; international trade; and the relationship between economic systems and quality of life.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Economics +

Economics + (1 of 1) examines the forces that shape financial futures and the world, covering decision-making principles at the personal, national, and global levels. Topics include personal finance, budgeting, saving, credit, investments, and insurance; scarcity, trade-offs, and market structures from a business perspective; how governments measure and drive economic stability; how global trade connects nations; and the effects of geography, technology, and disasters on economies. The course develops tools for thinking like an economist and making informed choices.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

+ Spark Course

Course Intro Video

Credit Recovery Economics

Credit Recovery Economics (1 of 1) supports students in completing coursework and earning credits needed for graduation. The course explores the principles needed to make informed decisions about personal finance and examines national and international economic policies. Topics include why economics shapes history; distribution of wealth; supply and demand; market structures; monetary and fiscal policy; and international trade.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

AP® Government and Politics

Semester 1 - This course examines the U.S. political system. Students in this course will discuss political ideology, the development of the political system and democratic institutions. Students should, according to the College Board, gain an "analytical perspective on government and politics in the United States." Furthermore, students will study "both the general concepts used to interpret U.S. politics and the analysis of specific examples" throughout history. The class discussion will require that students acquire a "familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics." The main emphasis of the course, however, is to be able to apply a basic comprehension of the U.S. political system to contemporary events.

Semester 2 - This course examines the U.S. political system. Students in this course will discuss political ideology, the development of the political system and democratic institutions. Students should, according to the College Board, gain an "analytical perspective on government and politics in the United States." Furthermore, students will study "both the general concepts used to interpret U.S. politics and the analysis of specific examples" throughout history. The class discussion will require that students acquire a "familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics." The main emphasis of the course, however, is to be able to apply a basic comprehension of the U.S. political system to contemporary events.

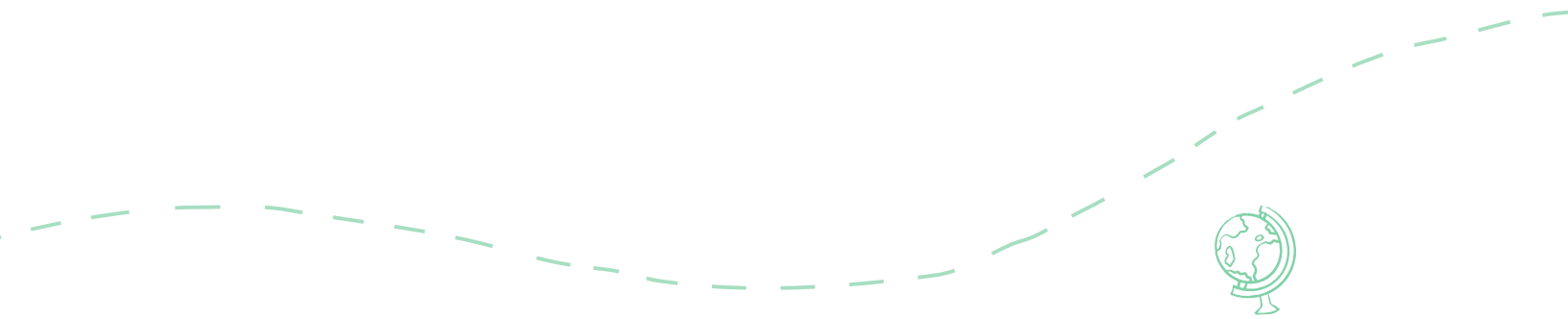
Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party



World Languages

Grades 6-8

MS Spanish 1

MS Spanish 1 (1 of 2) introduces the basics of the Spanish language through reading, writing, listening, and speaking about personal interests, hobbies, and directions. Topics include basic vocabulary and grammar; greetings and introductions; present-tense verbs; question formation; and cultures of Spanish-speaking countries such as Mexico and Colombia. The course develops foundational communication skills.

MS Spanish 1 (2 of 2) explores how to discuss activities with friends using vocabulary associated with restaurants, travel, and vacations through reading, writing, listening, and speaking. Topics include additional verb tenses and structures; expressions of time and place; and cultures of Spanish-speaking countries such as Argentina, Spain, and Peru. The course builds functional communication.

Course Intro Video

Course Details

Grades: 6-8

Semesters: 2

Prerequisite(s):
None

MS Spanish 2

MS Spanish 2 (1 of 2) explores how to discuss school subjects, professions, and daily routines through reading, writing, listening, and speaking. Topics include reflexive verbs; preterite and imperfect past tenses; expanded vocabulary and grammar; and cultures of Spanish-speaking countries such as Venezuela and Chile. The course strengthens intermediate communication skills.

MS Spanish 2 (2 of 2) explores how to discuss illness and injury, shopping, and money through reading, writing, listening, and speaking. Topics include commands and object pronouns; comparisons and superlatives; health and body vocabulary; and cultures of Spanish-speaking countries such as Ecuador, Guatemala, and Cuba.

Course Details

Grades: 6-8

Semesters: 2

Prerequisite(s):
MS Spanish 1

Course Intro Video

World Languages

Grades 9–12

Spanish 1

Spanish 1 (1 of 2) introduces the basics of the Spanish language through reading, writing, listening, and speaking about personal interests, hobbies, directions, and daily activities. Topics include basic vocabulary and grammar; present-tense verbs; question formation; restaurant, travel, and vacation vocabulary; and cultures of Spanish-speaking countries such as Mexico, Colombia, Argentina, Spain, and Peru.

Spanish 1 (2 of 2) explores how to discuss school subjects, professions, daily routines, illness and injury, shopping, and money through reading, writing, listening, and speaking. Topics include expanded verb usage; direct and indirect object pronouns; comparative and superlative forms; and cultures of Spanish-speaking countries such as Venezuela, Chile, Ecuador, Guatemala, and Cuba.

Course Details
Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Course Intro Video

Spanish 2

Spanish 2 (1 of 2) builds reading, writing, listening, and speaking skills to discuss social relationships, climate, animals, fables, holiday customs, and outdoor activities. Topics include history, products, traditions, practices, and perspectives of Spanish-speaking countries such as Paraguay, Puerto Rico, El Salvador, Costa Rica, and Bolivia. The course strengthens intermediate communication skills.

Spanish 2 (2 of 2) continues to build reading, writing, listening, and speaking skills to discuss transportation, extracurricular interests, professions, cuisine, clothing, health, and technology. Topics include present, past, future, and conditional tenses; the present subjunctive mood; and cultures of Spanish-speaking countries such as the Dominican Republic, Equatorial Guinea, Honduras, Uruguay, and Panama.

Course Details
Grades: 9-12

Semesters: 2

Prerequisite(s):
Spanish 1

Course Intro Video

Spanish 3

Spanish 3 (1 of 2) builds skills in reading and writing informative, argumentative, and descriptive texts, along with listening and speaking, using the indicative, subjunctive, and imperative moods. Topics include significant historical events of Spanish-speaking countries; cultural products, practices, and perspectives; and refinement of grammar and vocabulary for advanced communication.

Spanish 3 (2 of 2) continues acquisition of the Spanish language through reading poems and short stories by notable Spanish-language authors. Topics include the indicative and subjunctive moods across a variety of tenses; behavioral norms in Spanish-speaking cultures; and continued development of writing, listening, and speaking for advanced discussion of literary and cultural topics.

Course Details
Grades: 9-12

Semesters: 2

Prerequisite(s):
Spanish 2

Course Intro Video

World Languages

AP® Spanish Language and Culture

In AP Spanish Language and Culture (1 of 2), students will use the three modes of communication – interpretive, interpersonal, and presentational – as defined by the World Readiness Standards for Learning Languages. Using the ACTFL Performance Descriptors for Language Learners, students will be provided opportunities to demonstrate their proficiency in each of the three modes. Each module is theme-based, providing ample opportunities to interpret written, print, visual, audiovisual, and audio text; speak with and write to others; and present by speaking and writing for an audience. Themes in semester A include families and communities, education and careers, entertainment and travel, global citizenship and human geography, lifestyle and traditions, social awareness, historical figures, and ethnic identity.

In AP Spanish Language and Culture (2 of 2), students continue to explore the themes started in the first semester. In order to demonstrate all three modes of communication, students will engage with their instructor and students in collaborative discussions, personal opinion and persuasive essays, interpretation activities, and oral and audiovisual presentations. In both semesters, students will encounter similar tasks as found on the AP exam, but by semester B, the difficulty and complexity will have increased to match the exam's expectations. Themes in semester B include technology, healthcare and medicine, architecture, beauty and creativity, personal beliefs and interests, fashion, design, literature and the arts, science and ethics, economics, philosophy, and religion.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

French 1

French 1 focuses on developing listening skills by repeated exposure to the spoken language. Speaking skills are encouraged through recommended assignments using voice tools. Reading and writing skills, as well as language structures, are practiced through meaningful, real-life contexts. The use of technology enhances and reinforces authentic language development and fosters cultural understandings through exposure to native speakers and their daily routines.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

French 2

Semester A focuses on the continuation and enhancement of language skills presented in Level 1. Vocabulary and grammar structures are revisited and expanded to provide students an opportunity to move towards an intermediate comprehension level. Speaking and listening skills are enhanced through recommended real-life voice activities. Listening skills are honed through online dialogues. Reading and writing skills are developed through access to completion of meaningful activities, reading of culturally-related articles of interest and responding to reading in the target language. The use of technology enhances and reinforces authentic language development and fosters cultural understandings through exposure to native speakers and their daily routines.

Semester B continues the enhancement of language skills. Vocabulary and grammar structures are revisited and expanded as students explore other French-speaking areas. Speaking and listening skills are enhanced through recommended real-life voice activities. Listening skills are honed through online dialogues. Reading and writing skills are developed through access to completion of meaningful activities related to travel, to the Olympics, to natural disasters, and to the space program. Reading of culturally related articles of interest and responding to reading in the target language, along with the use of technology, reinforces authentic language development and fosters cultural understandings through exposure to native speakers and their daily routines.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
French 1

Developed by 3rd Party

French 3

French 3 Semester A contains 6 (six) modules. Each module contains 10 (ten) lessons. The purpose of the French 3 course is to further students' language acquisition and to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where French is spoken. This course is based on the ACTFL standards and provides students with opportunities to expand their listening, speaking, reading, and writing skills as they create with the language and access various materials on generally familiar topics. Students identify the main idea(s) and details in texts, dialogues, and videos within a cultural context. They read and interpret authentic materials. They read, speak, write, and listen to short cohesive passages in the present, past, and future times. Students extend their knowledge and understanding of the target language and culture(s). They learn the interrelationship of other cultures to their own, by identifying behaviors appropriate in target cultures. Students will have a Module exam after each Module and will finish the semester with a semester exam.

French 3 Semester B contains 6 (six) modules. Each module contains 10 (ten) lessons. The purpose of the French 3 course is to further students' language acquisition and to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where French is spoken. This course is based on the ACTFL standards and provides students with opportunities to expand their listening, speaking, reading, and writing skills as they create with the language and access various materials on generally familiar topics. Students identify the main idea(s) and details in texts, dialogues, and videos within a cultural context. They read and interpret authentic materials. They read, speak, write, and listen to short cohesive passages in present, past, and future times. Students extend their knowledge and understanding of the target language and culture(s). They learn the interrelationship of other cultures to their own, by identifying behaviors appropriate in target cultures. Students will have a Module exam after each Module and will finish the semester with a semester exam.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
French 2

Developed by 3rd Party

German 1

This German 1A course is an introductory course teaching basic comprehension and communication in German. It coordinates the study of language with culture through the use of video, audio and mass media production. This course assumes prior or no knowledge of the German language. It introduces the fundamentals of conversational and grammatical patterns of the German language with presentations to present the material. Students who complete the course successfully will begin to develop a functional competency in the four primary language areas: speaking, reading, listening and writing, while establishing a solid grammatical base and exploration into German culture.

The second semester course will expand on the knowledge gained from German 1A and further develop their skills in pronunciation, grammar skills, grammar structures and vocabulary. Oral practice (via Voice Tools), homework assignments, games, songs, watching videos, quizzes, tests, projects and other activities such as writing wikis and journal entries, will be emphasized to accomplish this goal. The different cultures of the German-speaking world are emphasized through readings, videos and other activities. Taking the time to learn another language is a mind-expanding activity that can open up a world of opportunities and advantages.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

World Languages

German 2

In this course, students build on grammar and language skills that they acquired during their G1A and G1B courses. While reviewing basic grammar skills, (present and past tenses), students learn and study stem-changing verb conjugation and explore cultural themes regarding current events, famous German people, music and famous festivals.

In the second semester course, students increase their proficiency in being able to communicate by forming more complex German sentences in a variety of tenses using all four cases (Nominative, Accusative, Dative and Genitive). The variety of topics increases also, from exploring different careers to discussing relationships. Cultural themes are entwined throughout this course related to going shopping, to going to the zoo and also to travel throughout the German-speaking world.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
German 1

Developed by 3rd Party

American Sign Language I

American Sign Language I (1 of 2) provides an introduction to American Sign Language (ASL). Topics include greetings and introductions; information sharing; personal characteristics; family, travel, and living spaces; Deaf culture; the history of ASL; and the general rules and concepts needed for effective communication, including fingerspelling and signing parameters. The course builds foundational receptive and expressive skills.

American Sign Language I (2 of 2) continues to explore introductory concepts in American Sign Language (ASL). Topics include vocabulary related to food, directions, store interactions, job roles, health, and schedules; further details about Deaf culture; the history of ASL; and rules and concepts needed for effective communication, including classifiers and specific grammar rules.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

American Sign Language II

American Sign Language II (1 of 2) explores intermediate concepts related to Deaf culture and American Sign Language (ASL). The course begins with a review of cultural facts and ASL rules and concepts from American Sign Language I. Topics include major milestones and famous figures in Deaf cultural history; appropriate etiquette and behaviors in Deaf interactions; ASL literature and performances; and different language styles and skills among Deaf communities. Projects throughout the course assess signing vocabulary and mastery of proper signing form.

American Sign Language II (2 of 2) explores intermediate concepts related to Deaf culture and American Sign Language (ASL). Topics include ways to be considered part of the Deaf community; history of minority subgroups within the community; accessibility options that help Deaf people function effectively in everyday society; and common ASL signing approaches and techniques practiced within the community. Vocabulary activities demonstrate signs related to money, leisure activities, and thoughts and opinions. Projects throughout the course assess signing vocabulary and mastery of proper signing form.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
American Sign Language I

Physical Education/Health

Grades K-5

Physical Education - Kindergarten

Physical Education - Kindergarten (1 of 2) introduces movements and motor skills important to maintaining a healthy body. Topics include stationary movements such as curling, stretching, and bending; traveling movements such as running, skipping, hopping, leaping, jumping, and galloping; foundational motor skills including throwing, catching, dribbling, and kicking a ball; nutrition; and good sportsmanship, including safety, following rules, taking turns, and handling disagreements.

Physical Education - Kindergarten (2 of 2) reinforces locomotor movement concepts, including patterns, pathways, speeds, and start/stop signals. Topics include non-locomotor movements such as stretching, rotating, extending, and flexing the body into wide, curled, and narrow shapes; how muscles move the body during pushing, pulling, jumping, gripping, and climbing; foundational motor skills such as jumping rope, volleying, and striking with a paddle, racket, bat, or golf club; and goal setting, responsibility, sharing, and problem solving.

Course Intro Video

Course Details

Grade: K

Semesters: 2

Prerequisite(s):
None

Health Education - Kindergarten

Health Education - Kindergarten (1 of 1) explores physical, emotional, and social well-being through health and safety behaviors. Topics include human growth and development, nutrition, hygiene, healthy habits, disease prevention, interpersonal communication, and personal safety. The course includes two projects: "Solve a Health Problem" and "Ready, Set, Health Goal!"

Course Details

Grade: K

Semesters: 1

Prerequisite(s):
None

Course Intro Video

Physical Education - Grade 1

Physical Education - Grade 1 (1 of 2) builds on kindergarten skills and develops greater competency in movement and motor skills. Topics include warm-up and cool-down exercises such as bending, stretching, twisting, and curling; more advanced running, skipping, hopping, leaping, jumping, and galloping; dance and creating dance routines; gymnastics; obstacle courses; and the importance of nutrition.

Physical Education - Grade 1 (2 of 2) reinforces manipulative skills and provides practice and repetition to develop mature movement patterns. Topics include dribbling with hands and feet; kicking, tossing, throwing overhand, and catching; striking with short- and long-handled implements; short- and long-rope jumping skills; benefits of being active; following directions; food choices and food groups; the functions of the heart; trying challenging activities; accepting feedback; and playing well with others.

Course Details

Grade: 1

Semesters: 2

Prerequisite(s):
None

Course Intro Video

Physical Education/Health

Health Education - Grade 1

Health Education - Grade 1 (1 of 1) explores physical, emotional, and social well-being through health and safety behaviors. Topics include human growth and development, nutrition, hygiene, healthy habits, disease prevention, interpersonal communication, and personal safety. The course includes two projects: "Solve a Health Problem" and "Ready, Set, Health Goal!"

Course Details

Grade: 1

Semesters: 1

Prerequisite(s): None

Course Intro Video

Physical Education - Grade 2

Physical Education - Grade 2 (1 of 2) provides instruction on a variety of movements and physical activities for good health and opportunities to demonstrate those skills. Topics include warming up with stretches involving curling, bending, and twisting; exercises for specific body parts; movements such as rolling, hopping, skipping, jumping, sliding, and running; the importance of nutrition; and an introduction to basketball through dribbling, passing, throwing, and catching skills.

Physical Education - Grade 2 (2 of 2) expands foundational movements and motor skills important to maintaining a healthy body. Topics include moderate and vigorous activities such as jogging and sprinting; traveling in different pathways and around, under, and over obstacles; sports such as baseball, volleyball, and soccer; various dances; foundational motor skills including striking, serving, dribbling, and kicking a ball; moving to beat and rhythm; and good sportsmanship, including safety and following rules.

Course Details

Grade: 2

Semesters: 2

Prerequisite(s): None

Course Intro Video

Health Education - Grade 2

Health Education - Grade 2 (1 of 1) explores physical, emotional, intellectual, and social well-being through health and safety behaviors. Topics include human growth and development; disease prevention; good hygiene; healthy habits; food and nutrition; physical activity; general health; health care; health effects of alcohol, tobacco, and drugs; interpersonal communication; and personal safety. The course includes two projects: "Make Decisions about Your Health" and "Set Short-Term Health Goals."

Course Details

Grade: 2

Semesters: 1

Prerequisite(s): None

Course Intro Video

Physical Education/Health

Physical Education - Grade 3

Physical Education - Grade 3 (1 of 2) provides instruction on a variety of movements and physical activities. Topics include: running, skipping, hopping, and leaping with emphasis on good form, balance, and gymnastic sequences; the effects of physical activity on the body; the importance of good nutrition, quality food, and reading nutrition labels; strengthening specific muscle groups; the importance of warm-up and cool-down; and instruction in basketball.

Physical Education - Grade 3 (2 of 2) explores health-related and skill-related activities that improve fitness level and sport performance. Topics include: table tennis, baseball, volleyball, and soccer; a variety of dances; good sportsmanship and following rules; and how physical activity with others creates positive social interactions.

Course Details

Grade: 3

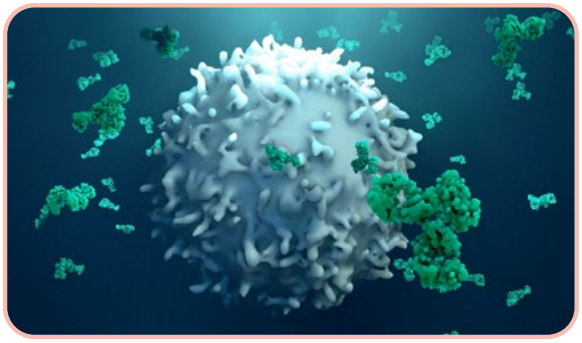
Semesters: 2

Prerequisite(s): None

Course Intro Video

Health Education - Grade 3

Health Education - Grade 3 (1 of 1) explores physical, emotional, intellectual, and social well-being through health and safety behaviors. Topics include human growth and development; disease prevention; good hygiene; healthy habits; food and nutrition; physical activity; general health; health care; health effects of alcohol, tobacco, and drugs; interpersonal communication; and personal safety. The course includes two projects: "Make Decisions about Your Health" and "Set Short-Term Health Goals."



Course Intro Video

Course Details

Grade: 3

Semesters: 1

Prerequisite(s): None

Physical Education - Grade 4

Physical Education - Grade 4 (1 of 2) promotes well-being through physical activity and presents practice in skills used in sports such as basketball and volleyball. Topics include moving and balancing the body; catching, throwing, dribbling, volleying, and striking; combining actions in complex games; simple offensive strategies; game experiences with peers; setting fitness goals; and developing routines with skills such as running and jumping rope.

Physical Education - Grade 4 (2 of 2) combines foundational movements and motor skills and integrates elements of jumping, landing, traveling, and balancing to create and perform a gymnastics sequence. Topics include manipulative skills for baseball (throwing, catching, and batting) and field hockey and soccer (passing, dribbling, and scoring); elements of folk and partner dances; offense and defense strategies; good sportsmanship; hydration; analyzing fitness-assessment results; and the benefits of exercise.

Course Details

Grade: 4

Semesters: 2

Prerequisite(s): None

Course Intro Video

Physical Education/Health

Health Education - Grade 4

Health Education - Grade 4 (1 of 1) explores physical, mental, emotional, intellectual, and social well-being through health and safety behaviors. Topics include understanding the human body; good hygiene; food and nutrition; physical activity; disease and injury prevention; gangs and bullying; the effects of harmful substances; interpersonal skills; managing feelings; and personal safety. The course includes two projects: "Make a Health Decision" and "Set a Personal Health Goal."

Course Details

Grade: 4

Semesters: 1

Prerequisite(s): None

Course Intro Video

Physical Education - Grade 5

Physical Education - Grade 5 (1 of 2) explores exercise basics and specific sports. Topics include fundamental aspects of physical activity such as safety tips, proper form, and good sportsmanship; personal fitness; the importance of regular exercise for lifelong healthy activity; and sports including gymnastics, dance, soccer, baseball, and basketball.

Physical Education - Grade 5 (2 of 2) refines and combines foundational movement and motor skills across sports and activities. Topics include elements of gymnastics such as weight transfer and jumping to create a routine; manipulative skills of throwing and catching for partner play; skills for volleyball, field hockey, and tennis; good sportsmanship; giving feedback; sun and water safety; healthy eating; benefits of exercise; tracking exercise; heart rate; and testing physical fitness.

Course Intro Video

Course Details

Grade: 5

Semesters: 2

Prerequisite(s): None

Health Education - Grade 5

Health Education - Grade 5 (1 of 1) explores physical, mental, emotional, intellectual, and social well-being through health and safety behaviors. Topics include understanding the human body; good hygiene; food and nutrition; physical activity; disease and injury prevention; gangs and bullying; the effects of harmful substances; interpersonal skills; managing feelings; personal safety; the reproductive system; puberty; personal hygiene; and healthy relationships. The course includes two projects: "Make a Health Decision" and "Set a Personal Health Goal."

Course Details

Grade: 5

Semesters: 1

Prerequisite(s): None

Course Intro Video

Grades 6-8

Physical Education - Grade 6

Physical Education 6 (1 of 1) explores fitness, nutrition, exercise basics, and specific sports. Topics include fundamental aspects of physical activity such as safety tips, warm-up and cool-down exercises, and good sportsmanship; personal fitness and nutrition; the importance of regular exercise for lifelong healthy activity; and sports such as dance, baseball, basketball, pickleball, volleyball, soccer, and football. Project 1 creates a health-and-fitness log, and Project 2 explores the basics of golf.

Course Details

Grade: 6

Semesters: 1

Prerequisite(s): None

Course Intro Video

Physical Education - Grade 7

Physical Education 7 (1 of 1) explores the importance of physical fitness for good health and provides opportunities to participate in a wide variety of activities. Topics include running, strength training, dance, swimming, pickleball, tennis, volleyball, baseball, bowling, basketball, soccer, and football; keeping an exercise and nutrition log; creating a personal exercise routine; the importance of warm-up and cool-down; health-related versus skill-related fitness; goal setting; and safety.

Course Intro Video

Course Details

Grade: 7

Semesters: 1

Prerequisite(s): None

Physical Education/Health

Physical Education - Grade 8

Physical Education 8 (1 of 1) explores personal health and wellness benefits of physical fitness through varied activities, a fitness and nutrition log, and two projects: a personal fitness plan and a synchronized-swim routine. Topics include endurance and flexibility applied in running, hiking, stretching, and dancing; improving fitness and well-being through heart-rate monitoring, nutrition tracking, and interval training; and sports skills practiced in pickleball, tennis, soccer, hockey, football, baseball, basketball, and bowling.

Course Details

Grade: 8

Semesters: 1

Prerequisite(s): None

Course Intro Video

Middle School Health

Middle School Health (1 of 1) explores how behavioral choices, such as nutrition and physical activity, affect health, and provides information on making healthy choices. Topics include nutrition and physical activity; growth, development, and sexual health; safety and injury prevention; alcohol, tobacco, and other drugs; mental, emotional, and social health; and personal and community health.

Course Intro Video

Course Details

Grades: 6-8

Semesters: 1

Prerequisite(s): None

Physical Education/Health

Grades 9–12

Health Education

Health Education (1 of 1) explores how behavioral choices, such as nutrition and physical activity, affect health, then provides information on making healthy choices. Topics include nutrition and physical activity; growth, development, and sexual health; safety and injury prevention; alcohol, tobacco, and other drugs; mental, emotional, and social health; and personal and community health.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Course Intro Video

Physical Education

Physical Education (1 of 2) examines the importance of physical activity, personal fitness, and healthy eating habits. Topics include techniques and rules of various sports and recreational activities; principles of cardiovascular, muscular, and flexibility training; a personal fitness evaluation; and the design of a personal exercise plan with tracking of results. The course emphasizes lifelong habits for wellness and goal setting.

Physical Education (2 of 2) explores key concepts that lead to improved fitness, wellness, and overall health. Topics include anatomy, physiology, and nutrition; practical applications such as metabolism manipulation, correct exercise form, and effective programming for personal health goals; components of fitness; and hydration and recovery. The course builds on prior skills to support lifelong activity.

Course Details

Grades: 9-12

Semesters: 2

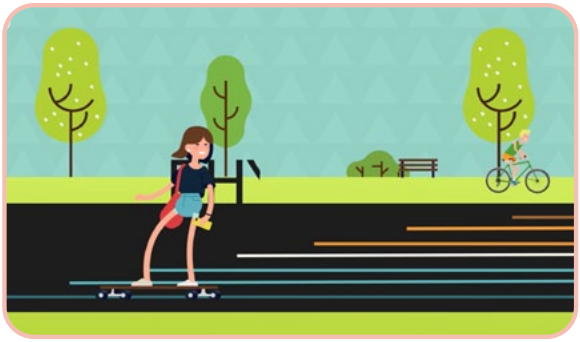
Prerequisite(s): None

Course Intro Video

Personal Fitness

Personal Fitness (1 of 2) explores key concepts from combative sports, gymnastics and tumbling, and a variety of team sports and activities. Topics include motor skill development; game strategy; self-evaluation of fitness; goal setting; designing an exercise plan; and tracking results. The course focuses on advanced fitness guidelines and the cognitive factors that affect performance.

Personal Fitness (2 of 2) explores how to develop personalized physical fitness plans while completing physical activities throughout the course. Topics include assessing fitness levels; modifying fitness goals; evaluating fitness products and programs; leadership and teamwork; and tracking progress in a daily physical activity log. The course emphasizes application of fitness principles to lifelong wellness.



Course Intro Video

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

Grades K-12

Art - Kindergarten

Art - Kindergarten (1 of 1) introduces the basic tools, elements, and principles of visual art. Topics include drawing, painting, sculpture, and photography; lines, shapes, patterns, color, texture, and subject matter; how visual art can represent a culture; and why artworks and museums are important to the community. The course concludes with the basics of critiquing visual artworks and distinguishing fact from opinion.

Course Details

Grade: K

Semesters: 1

Prerequisite(s): None

Course Intro Video

Art - Grade 1

Art - Grade 1 (1 of 1) explores the basic tools, elements, and principles of visual art. Topics include drawing, painting, sculpture, and photography; lines, shapes, patterns, color, texture, balance, imagery, symbol, and subject matter; how visual art can represent a culture; and why artworks and museums are important to the community. The course concludes with critiquing visual artworks and determining what gives art value.

Course Intro Video

Course Details

Grade: 1

Semesters: 1

Prerequisite(s): None

Art - Grade 2

Art - Grade 2 (1 of 1) explores the tools, elements, and principles of visual art from different cultures. Topics include drawing, sketching, architecture, painting, sculpture, photography, and textile art; lines, shapes, patterns, balance, movement, rhythm, mood, repetition, expression, emphasis, and theme; and solving design issues. The course concludes with the importance of community art and how to repurpose objects to create something new.

Course Details

Grade: 2

Semesters: 1

Prerequisite(s): None

Course Intro Video

Electives

Art - Grade 3

Art - Grade 3 (1 of 1) explores the tools, elements, and principles of visual art from different cultures and interprets messages across art forms. Topics include drawing, sketching, architecture, painting, illustration, sculpture, photography, and textile art; lines, shapes, patterns, balance, movement, rhythm, mood, repetition, expression, emphasis, and theme; and solving design issues. The course projects and portfolio encourage evaluation of personal, professional, and community art.

Course Details

Grade: 3

Semesters: 1

Prerequisite(s):
None

Course Intro Video

Introduction to Computers

Introduction to Computers (1 of 1) provides essential background knowledge and practical instruction in computer use. Topics include how technology has shaped people and the world; safe and responsible digital citizenship; communicating and collaborating with digital tools; and beginner-level skills in computer troubleshooting, keyboard use, word processing, slideshow software, spreadsheets, and basic internet skills.

Course Intro Video

Course Details

Grades: K-3

Semesters: 1

Prerequisite(s):
None

Adventures in Roblox® Studio

Each individual lesson is made up of multiple lesson pages to teach a coding concept with text and visuals, provide in lesson practice and a step by step activity for student to add newly learned code to their existing game file. Grading will be based on quizzes, project uploads, and teacher requirements.

Course Details

Grades: K-5

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Minecraft® Command Blocks Scripting

In this course there are eight modules teaching students scripting logic using Minecraft Command Blocks! Be introduced to scripting and automation through Minecraft command blocks. This course teaches great scripting logic as students automate fun projects. Minecraft has a huge list of commands used for scripting. It's hard to cover them all, but more importantly they'll learn the logic behind the commands and their sequence to help them customize future ideas. In this course they'll create a huge racing track using ice, automate jump scares, make tnt fly around and much more. You must have your own Java edition Minecraft account to participate.

Course Details

Grades: 3-5

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

2D Media Artwork

2D Media Artwork (1 of 1) introduces concepts and methods used in creating digital art and design. Topics include design principles; common applications of digital artwork; techniques for brainstorming and developing an artistic idea; artistic mediums such as digital photography, 2D computer graphics, web design, and digital illustration and the tools, techniques, and skills of each; and meaning, audience, impact, and ethics in the creation and use of digital media. Course projects include the creation of a digital photograph and a web page.

Course Intro Video

Course Details

Grades: 4-8

Semesters: 1

Prerequisite(s):
None

Keyboarding

Keyboarding (1 of 1) focuses on the skills needed to improve typing speed and accuracy for formatting, typing, and editing letters, articles, and reports. Topics include proper hand and finger placement, posture, the touch-typing technique, file management, reliable electronic sources, and keyboarding and computer terminology. Course projects include a log to track typing progress and typing a research article.

Course Details

Grades: 4-8

Semesters: 1

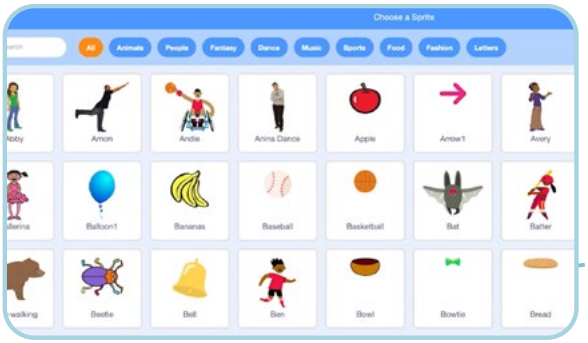
Prerequisite(s):
None

Course Intro Video

Electives

Scratch Coding

Scratch Coding (1 of 1) introduces the basics and logic of programming language in Scratch. Topics include using the different tools in Scratch; creating programs that include loops, variables, lists, or conditionals; and identifying and fixing errors in a program. The course concludes with combining tools and concepts to create a larger program.



Course Intro Video

Course Details

Grades: 4-8

Semesters: 1

Prerequisite(s): None

Computer Applications

Computer Applications (1 of 1) explores online networks and software. Topics include word-processing software; organizing data; selecting the correct digital tools; analyzing data; visual representation of data; and troubleshooting software and operating systems. Additional topics include safe digital citizenship, data security, intellectual property, file management, and intellectual-property rights.

Course Details

Grades: 4-8

Semesters: 1

Prerequisite(s): None

Course Intro Video

Python™ Multiplayer Adventure

Python is a powerful language designed to do just about anything! This course allows students to learn Python by first completing a text based console game and then turning it into a multiplayer adventure! Students will not only learn Python from going through the individual lessons and video reviews but also understand a client server relationship. They will get to code in their own python web server that allows connections through a browser. Students will gain experience using variables, classes, functions, lists, dictionaries, generators and proper Python formatting. Our Python online course is great for anyone interested in preparing themselves for future coding classes. This course assumes no coding experience and includes self graded quizzes and tests.

Course Details

Grades: 5-8

Semesters: 1

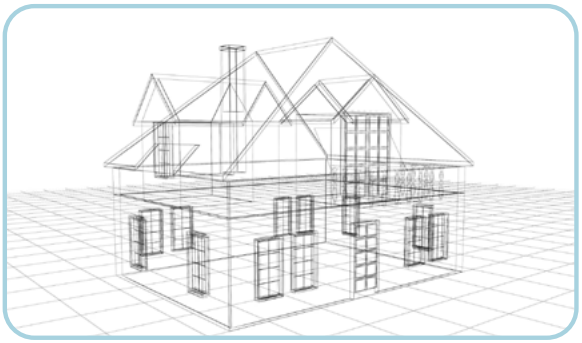
Prerequisite(s): None

Developed by 3rd Party

Electives

3D Graphics and Video

3D Graphics and Video (1 of 1) explores digital art and design, how life relates to art, and how individual works are interpreted. Topics include design principles; types and common applications of digital artwork; techniques for brainstorming and developing an artistic idea; artistic mediums including 3D computer graphics, animation, digital video, and digital audio; and expression, purpose, meaning, ethics, testing, critique, improvement, presentation, and distribution in the creation and use of digital media. Course projects include the creation of a digital animation and a piece of digital audio.



Course Intro Video

Course Details

Grades: 5-8

Semesters: 1

Prerequisite(s):
None

Basic Drawing

In Drawing, students will experiment with several different art materials and tools to see what each tool can do best. Students will explore ordinary things around them to become more observant of the structures and meanings of things which can be seen in your their home and community. Your work will be your own study of the forms, textures, movements, and patterns of the things that you see every day. Each project and each lesson is based on the one before it; so always do the lessons in the order they are given. Be sure to follow the directions exactly regarding which materials, sizes, and subject matter to use for each project. Each lesson will be a study of a new way of drawing. The examples given will show only the method and materials to be used, never the same subject or size as the project assigned. The examples are never to be copied. An example will only show one way of using the technique described. By becoming more observant, by experimenting with new materials, and by exploring a variety of methods, students will continue to grow in artistic skill and enjoyment. Beyond fundamental skills are various levels of creativity. Each lesson provides room for expressing the technical skill learned in a unique, creative way.

Course Details

Grades: 6-8

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Beginning Painting

This course introduces students to classical and contemporary painting, techniques and concepts, with emphasis on the understanding of its formal language and the fundamentals of artistic expression. Painting from still life, landscape, and life models from observation will be geared towards realism; at the same time, various other painting styles could be explored. Color theory, linear perspective, compositional structure, figure/ground relationships, visual perception, spatial concepts, and critical thinking skills will all be emphasized. Students will study and research major painting styles and movements in historical context. The hope is that students will use this global approach to develop a “critical eye” in evaluation of contemporary painting. Acrylic and watercolors are the mediums used in this class. The main emphasis of this course is to encourage and nourish individuality and creativity.

Course Details

Grades: 6-8

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Electives

Career Explorations

Career Explorations (1 of 1) provides instruction and practice on topics in the world of work. Topics include jobs, careers, and labor markets; traditional and nontraditional occupational roles; ethical and unethical behavior; educational pathways to careers; budgeting; communication in the workplace; and technology in the workplace. A short project addresses problem-solving skills, along with a project on searching for a job, preparing a resume and cover letter, and interviewing.

Course Intro Video

Course Details

Grades: 6-8

Semesters: 1

Prerequisite(s):
None

Digital Savvy

Digital Savvy is a one-year (two-semester) course covering required topics in most introductory "Information Technology" classes. Students should have minimal computer usage skills (e.g. keyboarding, mouse, and operating system navigation) prior to starting this course.

Teaching Strategies: The course material is designed to appeal to a variety of students, from traditional learners who thrive on written text to audio-visual students who enjoy a multi-media format. All content is delivered through an online system that allows students to work seamlessly both in the classroom and at home.

Hands-On Activities: Every chapter contains one or more hands-on activities that allow students to practice and demonstrate understanding of the lesson topics. A Windows or Mac OS computer is required for completion of the hands-on activities.

Course Details

Grades: 6-8

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

JavaScript Game Design

JavaScript is one of the best languages to learn, it makes the browser come alive! Accelerate Education is offering a JavaScript game design online course for grades 6-12. This course will teach students JavaScript through coding multiple computer games including, pong, fish, a platformer and tower defense! They then will code or customize their own game! Students will be writing all the code themselves from going through the individual lessons and watching the video reviews. They will learn about variables, functions, listening events, loops, arrays and objects. This course assumes no coding experience and includes self graded quizzes and tests. Students will also upload their work at the conclusion of each project while creating an online portfolio.

Course Details

Grades: 6-8

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Electives

Introduction to Coding

Introduction to Coding (1 of 2) introduces the basic syntax and logic of writing in JavaScript. Topics include the three data types (strings, numbers, and Boolean) and their variables; performing operations on variables; basic operations, logic operations, and control structures; and using procedures to simplify repeated code.

Introduction to Coding (2 of 2) builds on the JavaScript concepts from Introduction to Coding (1 of 2) through troubleshooting, testing, and debugging of programs. Topics include code-documentation practices; giving and receiving feedback from users and other developers; and the process of solving complex problems from beginning to end by breaking problems into smaller pieces and addressing them through planning, coding, and integration.

Course Details

Grades: 6-8

Semesters: 2

Prerequisite(s):
None

Course Intro Video

Roblox® Worlds Coding with LUA

In this course there are 10 modules teaching students LUA using Roblox Studio This course assumes no prior coding knowledge as students follow the lessons to program multiple interactions within your obstacle course. The course allows students to customize and expand on all lessons as they create their own obstacle course and adding custom LUA scripts in each lesson.

Course Details

Grades: 5-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Character Education

Character Education (1 of 1) explores values of truthfulness, trustworthiness, responsibility, diligence, and integrity. The course analyzes real-world situations and connects them to these traits to identify safe and appropriate ways to respond. Topics include identifying bullying, developing a bullying-prevention mindset, demonstrating empathy, building positive relationships, resolving conflict, setting personal goals, and making ethical decisions. Scenarios provide opportunities to apply each trait in school, community, and family contexts.

Course Intro Video

Course Details

Grades: 6-12

Semesters: 1

Prerequisite(s):
None

Electives

Computer Basics

Accelerate Educations offers a computer basics course online. In this course you will learn how to use productivity and collaboration tools, such as G Suite by Google Cloud to create word processing documents, spreadsheets, surveys and forms such as personal budgets and invitations.

Course Details

Grades: 6-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Javascript Tower Defense

JavaScript is one of the best languages to learn, it makes the browser come alive! This course will teach students JavaScript through a tower defense game! They then will code or customize their own game! Students will be writing all the code themselves from going through the individual lessons and watching the video reviews. They will learn about variables, functions, listening events, loops, arrays and objects. This course assumes some coding experience and includes graded quizzes, project uploads, and teacher requirements.

Course Details

Grades: 6-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Gaming Unlocked

Gaming Unlocked (1 of 1) explores the basics of gaming, from what makes games fun to how they work, through analysis of mental games, board games, and video games. Topics include the history of games; principles of game design; quality and playability; genres and mechanics; and the range of careers in the game industry. The course does not require knowledge of a programming language. Emphasis is on the history, design, and industry of games rather than on coding.

Course Intro Video

Course Details

Grades: 6-12

Semesters: 1

Prerequisite(s):
None

Electives

Music Appreciation

Students will gain a thorough understanding of music by studying the elements of music, musical instruments, and music history, as well as music advocacy. Students will be introduced to the orchestra and composers from around the world. They will be required to be a composer, performer, instrument inventor, and advocate.

Course Details

Grades: 6-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Art Explorations

Introducing students to diverse areas in the arts can broaden their perspective on the arts in general. Arts Explorations encourages students to experience each of the modern arts disciplines including Visual Arts, Theatre, Music, Media Arts and Dance. Students will also be able to identify areas of special interest where they would like continued study and the ways that the arts can be a part of their career paths.

Course Details

Grades: 6-12

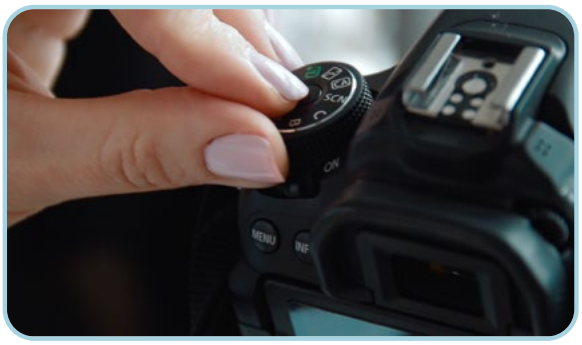
Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Photography Basics

Photography Basics (1 of 1) explores proper use of photography equipment, construction of a portfolio, and steps to starting a career in the field. Additional topics include camera settings, composition, lighting, and editing; genres of photography such as portrait, landscape, and photojournalism; and the habits and etiquette of the profession. *Photography equipment is not required; practice is offered through digital simulations.



Course Intro Video

Course Details

Grades: 6-12

Semesters: 1

Prerequisite(s):
None

Electives

Art Appreciation

What makes an artwork a masterpiece? Why do artists create art? What is the difference between Rococo and Art Nouveau? In this course, students will discover the answers to these questions and more. We examine the elements of art and principles of design, and explore how artists have used these elements and principles in the creation of art for centuries.

Course Details

Grades: 8-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Theater Studies

Have you ever wondered how a play goes from the playwright's mind all the way into a multi- million dollar Broadway production? In this course, you'll learn the whole process! This course provides a thorough introduction to the theater by providing an overview of major topics in theater studies, with a blend of theoretical and practical lessons. In the first half of this course you will learn about the definitions of theater, theater history, and contemporary theatrical genres. The second of half of the course will guide you through all of the elements of putting on a professional theatrical production. You will learn about the entire production process, from playwriting through opening night, including elements of technical theater, the rehearsal process, and audience response. Whether you're an aspiring actor, technician, director, or producer, or even just an avid theater-goer, this course is for you.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Study Skills and Strategies

The Study Skills and Strategies course equips students with skills and understandings critical to effective learning. Using a unique approach to the traditional topic of study skills, this course weaves understanding regarding the role of the brain in learning into the instruction of discrete learning skills and strategies. Moving beyond a list of good tips and ideas, the Study Skills and Strategies course will challenge students to develop intentional approaches to learning. They will be required to make connections between the strategies and skills they learn in this course and the implementation of those strategies and skills in their other coursework. Upon completion of the course, students will have learned a variety of specific learning skills and strategies, gained greater understanding of their own learning preferences, and become prepared to develop and implement specific learning and study plans for any academic course or other learning needs.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Electives

Art History: Origins

Art History: Origins (1 of 1) explores art of the prehistoric, ancient, medieval, Renaissance, and Rococo periods as students view, read about, and interpret visual works. Topics include cave paintings, sculpture, architecture, and painting of ancient Egypt, Greece, and Rome; medieval and Byzantine art; the Italian and Northern Renaissance; and the Baroque and Rococo movements. *Given the subject matter, the course is extensively visual and includes depictions of nudity, as many art movements celebrated the human form. These works are included because they are essential to understanding the history of art.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Course Intro Video

Art History: Modern

Art History: Modern (1 of 1) explores art of the late 1700s to modern times, including Western movements in artworks and architecture and traditions from China, Japan, Africa, Oceania, Southeast Asia, and India. Topics include Neoclassicism, Romanticism, Realism, Impressionism, Expressionism, Cubism, Surrealism, and contemporary global art. *Given the subject matter, the course is extensively visual and includes depictions of nudity, as many art movements celebrated the human form. These works are included because they are essential to understanding the history of art.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Fashion Design

Fashion Design (1 of 2) explores the tools and principles of fashion design. Topics include use of color; creation of an inspiration board; selection of fabric and material; textile properties; and tools and machines used by fashion designers. The course examines the elements and principles of design as well as fashion illustration and fundamentals of garment construction. The course also introduces historical influences on contemporary fashion.

Fashion Design (2 of 2) explores the skills and education required to work in the fashion industry. Topics include: the range of jobs in design, production, retail, and merchandising; skills for success such as interviewing, workplace communication, and teamwork; portfolio development; professional ethics; and the business side of fashion, including marketing, branding, and trends. The course connects academic knowledge to career pathways in the industry.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s): None

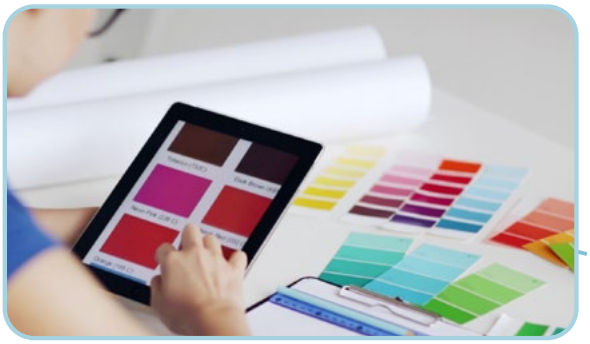
Course Intro Video

Electives

Interior Design

Interior Design (1 of 2) explores the principles and elements of design. Topics include skills, roles, and responsibilities of interior designers; specialties within the field; the history of design; design materials, furniture, and accessories; and modern developments affecting interior design, such as the Americans with Disabilities Act (ADA), universal design, and green design. The course also examines how space planning and material choice shape residential and commercial environments.

Interior Design (2 of 2) explores career options in residential, commercial, and mobile design, as well as credentialing and networking in professional organizations. Other topics include leadership, group dynamics, and codes of ethics; lighting, windows, walls, furniture, accessories, textiles, and floor treatments in residential and commercial design; related information on materials, fabrication, and installation; and a review of the elements and principles of design, the Americans with Disabilities Act (ADA), and universal design.



Course Intro Video

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

AP® Computer Science Principles

This AP Computer Science Principles (CSP) class uses the CompuScholar Computer Science Foundations[1] curriculum as the primary resource. It is taught as a one-year (two-semester) sequence and covers all required topics in the "Computer Science Principles" Course Description published by the College Board. The Python language is taught as the basis for programming topics.

Students need to have typical computer usage skills prior to starting this course; other introductory programming courses are not required. All required concepts are taught from the ground up in a fun, step-by-step manner. The course includes uses a variety of multimedia content such as full-color, interactive text, narrated instructional videos, and guided exercises. Strong emphasis is placed on hands-on programming labs to demonstrate mastery of lesson concepts.

This course is fully aligned with the AP Computer Science Principles Course and Exam Description. This allows teachers to easily leverage the additional material and practice questions in the AP Classroom.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

AP® Computer Science A

AP Computer Science A is a year-long introductory, college-level computer science course. In this course, students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts such as modularity, variables, and control structures. College level AP Computer Science is designed to help students prepare to take the Advanced Placement AP Computer Science A Exam ™ administered by the College Board.

The Java Programming course teaches students all Java skills required on the "AP Computer Science A" exam. While it can be taken standalone with no pre-requisites, this is one of our most advanced courses, and some degree of technical comfort is recommended.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Electives

Introduction to Robotics

Introduction to Robotics (1 of 1) introduces the world of robots and their use in modern industries and everyday life. Topics include the history of robotics, including important events and inventions; what robots are, how they work, and their main parts (sensors, motors, and control systems); basic programming ideas such as algorithms and logic; how robots automate tasks, improve efficiency, and operate in dangerous environments; designing a simple robot; how sensors help robots understand their surroundings; the role of artificial intelligence in robot decision-making; robot ethics; and the future of robotics, including applications that help address large-scale problems such as environmental protection.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

+ Spark Course

Course Intro Video

Intro to Artificial Intelligence

This course teaches what every student should know about Artificial Intelligence. AI is a fast-moving technology with impacts and implications for both our individual lives and society as a whole. In this course, students will get a basic introduction to the building blocks and components of artificial intelligence, learning about concepts like algorithms, machine learning, and neural networks. Students will also explore how AI is already being used, and evaluate problem areas of AI, such as bias. The course also contains a balanced look at AI's impact on existing jobs, as well as its potential to create new and exciting career fields in the future. Students will leave the course with a solid understanding of what AI is, how it works, areas of caution, and what they can do with the technology.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Developed by 3rd Party

Gaming and eSports

Gaming and eSports (1 of 1) examines the evolution of video games and the rise of eSports, from early beginnings to current global status. Topics include technological advancements in gaming; cultural impacts; business models; the development of competitive gaming scenes; career opportunities within the gaming industry; and the skills required to succeed. Interactive learning experiences support critical thinking about the social, economic, and educational aspects of gaming and eSports.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

+ Spark Course

Electives

Microsoft® Excel +

This course introduces students to Microsoft Excel. Knowledge of this fundamental spreadsheet software has proven to boost career and employment prospects. Excel skills can boost productivity as a student and are useful in daily life, such as managing personal finances. Through an engaging and scaffolded approach, students advance from absolute basics like formatting and navigation, to performing complex tasks like data manipulation, macros, and PivotTables. This course prepares students for the Microsoft Office Specialist Excel Certification.

This course requires additional software materials to be purchased by the school.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Microsoft® PowerPoint +

This course introduces students to Microsoft PowerPoint. Students will gain critical skills in this essential presentation software, which will benefit them in their education and professional futures. Students start by learning fundamentals like slide creation and navigation, and progress to more complex tasks like 3DModels, Animations, and Transitions. This course prepares students for the Microsoft Office Specialist PowerPoint Certification exam.

This course requires additional software materials to be purchased by the school.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Microsoft® Word

This course introduces students to the world of Microsoft word. Students will get an insight into the use of the product within the business setting. Over 11 modules, students will learn everything from absolute basics like navigating Microsoft Word to performing complex tasks like graphic elements and collaboration. This course prepares students for the Microsoft Office Associate Microsoft Word Certification.

This course requires additional software materials to be purchased by the school.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Adobe® Illustrator +

This course introduces students to the Adobe Illustrator. Students will get an insight into what it is like working in the graphic design industry. Students will learn everything from absolute basics like navigating Illustrator to performing complex tasks like managing colors, drawing, creating illustrations, and much more. The online Adobe Illustrator course contains guided video tutorials, hands-on projects, and step-by-step resources that help students learn how to work in Illustrator. This course prepares students to take the Adobe Certified Professional in Graphic Design & Illustration Certification Exam.

This course requires additional software materials to be purchased by the school.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Electives

Adobe® Photoshop

This course introduces students to Adobe Photoshop and prepares students to obtain the Adobe Certified Professional Certification for Adobe Photoshop. Students will get an insight into what it is like working in the visual and graphic design industry. Over 11 modules, students will learn everything from absolute basics like navigating Photoshop to performing complex tasks like editing and retouching photos, applying filters and effects, and even creating original artwork. The course contains guided tutorials, do-it-yourself projects, and great resources that will help students practice and learn how to work in Photoshop. This course prepares students to take the Adobe Certified Professional Certification for Adobe Photoshop exam.

This course requires additional software materials to be purchased by the school.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Graphic & Web Design

Graphic and Web Design (1 of 1) explores visual communication and the range of careers in the field. Topics include principles of design, such as balance, contrast, and hierarchy; color theory and typography; ethics of creative fields; the publishing and production process; and the basics of preparing artwork for print and web. The course also introduces portfolio development and examines the tools used by graphic and web designers.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Child Development

This course is designed to help prepare students for their responsibilities as parents and caregivers of children. Topics include prenatal care, growth and development through age six, teen pregnancy, maternal health, parenting skills, and child guidance.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Electives

Early Childhood Education I

The Early Childhood Education course is designed to provide an overview of the expectations and roles of the early childhood educator. The course provides details about childhood development, health, nutrition, and guidance strategies to help students understand the exciting and unique opportunities that a career in early childhood education can offer. The course is intended to prepare students for challenges they may face, but to emphasize the rewards of being able to influence the life of a young child. The ability to offer support to children as they learn and grow is a point that is highlighted throughout each lesson.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Early Childhood Education II

The Early Childhood Education Two course is designed to provide an overview of the professional expectations of being an early childhood educator. Throughout the course, students will learn about what it means to be a professional, including the significance of professional development in any educational role. They will review observational methods and the history of education in the United States, with a focus on early childhood and school-age programs. They will spend a significant portion of the course learning about the importance of Developmentally Appropriate Practice and how to implement DAP strategies. Designing physical, social, and temporal environments will also be a major focus of the course, as will developing relationships with families and communities to strengthen their position and knowledge.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Agriscience I

This course will prepare students for careers in agriscience. Agriculture is the world's largest industry, so the critical nature of understanding how agriculture must thrive in unpredictable conditions cannot be overstated. Throughout the modules, students will gain an understanding of some of the fundamental issues in agriscience, including safety, environmental factors such as climate change and extreme-weather conditions, plant and animal science, and food safety. Additionally, students will explore how they can emerge as leaders in such a complex and exciting industry.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Agriscience II

In this course, students will explore the various components of agriscience careers and agricultural living. Beginning with career exploration, students will become familiar with the vast array of opportunities that exist in agriscience. They will discover what is necessary for the proper care and management of livestock from keeping living quarters clean to caring for newborn animals. Students will understand the ways in which plants, crops, and vegetation thrive in varying conditions. They will explore the fundamentals of running a successful agriscience operation as well as how agriscience affects and is affected by global economic conditions.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Electives

Accounting

In this semester course of our online Accounting course, students will explore accounting, including investigating accounting careers. Students will learn basic accounting skills and procedures, both with and without a computer, for general journals, general ledgers, cash payments journals, cash receipts journals, sales journals, accounts payable ledgers, and accounts receivable ledgers. Students will also learn how to reconcile a bank statement and to prepare payroll records. This course covers the basic principles of financial accounting for individuals and for companies with attention to both the mathematical formulas and to the ethical side of accounting. Each unit has practical exercises including a project at the end of the unit.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Building Maintenance Technologies

Semester 1 - The online Building Maintenance Technology course will focus on all aspects of the construction industry from health and safety to the tools that every construction professional needs in their collection. They will learn about the various roles in the industry as well as job outlooks, educational and experiential requirements, and salary information. Some activities will focus on career exploration to discover career options that best align with interests and talents. Students will learn basic construction math and how it is applied during design and building phases of projects. They will learn specifics about carpentry, construction drawings, framing floor systems, framing walls, and framing roofs. Throughout, they will establish a foundation for what opportunities exist for them in the industry.

Semester 2 - The Building Maintenance Technology II course examines the multi-faceted construction industry. Students will explore contract documents and how each is pertinent to establishing business relationships with designers, clients, and other stakeholders. They will identify what goes into building a successful contract and how estimates, costs, and timeframes are estimated and calculated. Drafting techniques using CAD and BIM technology will also be discussed, specifically pertaining to how these technologies have transformed the building industry. Several logistical components like zoning, property lines, property setbacks, site elevations, calculating materials and labor costs, and establishing construction schedules are critical to the building process. Students will discover the impact of the built environment on the natural environment and how it has evolved over many years. Finally, students will learn about issues related to sustainability and creating more environmentally-friendly practices, procurement, and techniques in the construction industry.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Business Law

Students learn about the American legal system. They examine ethics, court systems, criminal law, and law of torts. They examine how the court systems work together, and what misconduct results in going to court. It is important to also understand your consumer rights. As they progress through the course, they will also gain an understanding from a business perspective what is right and wrong business actions and employment laws. As an employee or employer it is important to understand the laws that protect the employee and employer. The study will focus on the formation of a business and the basic legal issues associated with each type of business.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Introduction to Business

This course introduces students to the basic business concepts that will help them understand how a business survives in today's economy and the role that consumers play in the same economy. Students will learn how to balance a checkbook, save for the future, and use credit wisely. Students will also learn how to create a resume and how to participate in a job interview.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Electives

Entrepreneurship

Entrepreneurship (1 of 1) explores entrepreneurial characteristics, business leadership, and the skills and steps involved in marketing, developing, launching, and exiting a business. Topics include identifying market opportunities; writing a business plan; securing funding; managing operations and finances; branding and marketing; legal and ethical considerations; and strategies for growth. Hands-on projects apply these concepts to a simulated small business. The course aligns to the Marketing, Sales, and Services CTE pathway.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Entrepreneurship & Small Business +

This course will prepare students for certification in Entrepreneurship and Small Business. The modules are designed to cover all aspects of entrepreneurship including traits of successful entrepreneurs, business management, hiring employees, creating a company culture, managing finances, and marketing products and services. Each module will challenge students to put themselves in the role of an entrepreneur and consider how they will handle the extensive responsibilities of starting a business.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

Developed by 3rd Party

Business Innovation and Startups

Business Innovation and Startups (1 of 1) introduces the entrepreneurial process from ideation to execution. Topics include market research; business-model creation; funding strategies; and the legal aspects of starting a business. The course emphasizes critical thinking and problem-solving, enabling learners to conceptualize, develop, and pitch startup ideas. The program cultivates entrepreneurial skills and familiarity with the challenges of the startup ecosystem.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

+ Spark Course

Electives

Startups and Innovation

Students hear a lot of contradictory advice in life. On one hand, they may hear something like “Follow your dreams. Pursue your passion and the money will come!” On the other hand, they may hear something completely opposite, like “Most startups fail! It’s much safer to get a safe, steady job.” So which side is right? Given the massive changes to the economy and society, the skills of entrepreneurship are going to be critical in building a lasting career. The entrepreneurial mindset of searching for opportunities, creating value, and solving pain points will always be valuable. This mindset applies not just to starting a business, but in any organization that someone is a part of: school, established companies, or non-profits. In this course, students will explore how to use this mindset to create the next world-class startup.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Developed by 3rd Party

Professional Sales

Professional Sales (1 of 1) explores the role sales plays in the national economy and the importance of ethical behavior in business. Topics include building, training, motivating, and evaluating a sales team; identification of buying motives; the steps of the selling process; customer relationship management; and the use of data to measure performance. The course aligns to the Marketing, Sales, and Services CTE pathway.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Public Speaking

Public Speaking (1 of 1) explores effective communication skills for success in a variety of speaking situations. Topics include small- and large-group discussions; delivering speeches in front of audiences; research and organization; writing for verbal delivery; stylistic choices; visual and presentation skills; analysis and critique of speeches; and strategies for building self-confidence and managing presentation anxiety.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Course Intro Video

Career Planning

The Career Planning course guides students through the essential elements of the career planning process and the development of a defined career plan. Students will consider the many factors that impact career success and satisfaction. Using a process of investigation, research, and self-discovery, students will acquire the understandings critical to the career planning process. Upon completion of the course, students will have created a practical and comprehensive college or career transition portfolio that reflects their skills and abilities, as well as their interests, values, and goals.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Developed by 3rd Party

Career Planning

Career Planning (1 of 1) supports identification of interests, strengths, and values to inform decisions about future careers and educational pathways. Topics include self-assessment; labor-market exploration; resume building; interviewing skills; networking; goal setting; and the importance of adaptability in the workforce. The course develops a fundamental understanding of various career fields and equips learners with practical tools to navigate individual career journeys.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

+ Spark Course

Career Exploration in Finance

This course introduces students to the challenging and lucrative world of finance. While "Wall Street" may still get a bad rap after the 2008 financial crisis, finance careers still remain highly sought after and can be highly rewarding. The course reviews key financial terms and examines various groups, positions, and roles within financial institutions. Students will learn about resumes, interviews, and networking. Students will also discuss ethics on Wall Street and the role of finance within society.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Developed by 3rd Party

Careers in Healthcare

Careers in Healthcare (1 of 1) provides a comprehensive overview of the diverse healthcare field and the career pathways available within it. Topics include patient care, medical ethics, healthcare administration, and public health; the skills and education required for different roles; and the challenges and rewards of working in healthcare. The course surveys career options and educational routes in a critically important and evolving sector.

Course Intro Video

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

+ Spark Course

Electives

Journalism

This course is designed to prepare you to become a student of journalism and media. The work we do here will equip you with the critical skills you must have to succeed in high school media, college media, and beyond. We will read a variety of journalistic material and do a great deal of news writing. We will also look at journalism from legal, ethical, and historic vantage points. Expect to complete numerous writing activities in a variety of styles including editorial, hard news, feature, review, and more. If you participate actively, you will gain tremendous skills that will serve you for the rest of your life. Individual and group project will also be a part of this class. This course is a project based course and does not include traditional tests, unit level understanding is assessed through unit projects.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Developed by 3rd Party

Media and Communication

From banner ads to billboards, newspaper articles, and Facebook feeds, people are constantly sharing ideas. This course looks at the many facets of mass media. Students will learn how the media shapes every aspect of our lives. Students examine the role of newspapers, books, magazines, radio, movies, television, and the growing influence of Facebook, YouTube, and Twitter.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Developed by 3rd Party

Principles of Marketing

Principles of Marketing (1 of 1) explores the interactions between businesses, consumers, and the economy, along with the role of marketing and how marketers gather information. Topics include the four Ps of marketing; market research and segmentation; consumer behavior; branding and promotion; pricing and distribution; and the use of data and analytics. The course culminates in the creation of a marketing plan and aligns to the Marketing, Sales, and Services CTE pathway.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Course Intro Video

Social Media Marketing

Social Media Marketing (1 of 1) examines the dynamic world of digital marketing with a focus on social media platforms. Topics include brand management, content creation, data analytics, and audience engagement strategies; crafting effective marketing campaigns; and tools and techniques used by industry professionals. Note: the course requires creating and using accounts on Facebook, Twitter (X), and Instagram for hands-on experience with digital marketing strategies, real-world marketing activities, data analysis, and audience-focused content.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

+ Spark Course

Course Intro Video

Electives

Criminology & Justice

Criminology and Justice (1 of 1) explores criminal procedures and the criminal justice system at the beginner level. Topics include: the structure of law enforcement, prosecution, and corrections; non-forensic evidence such as eyewitness testimony, interrogation records, and surveillance; courtroom roles and procedures; trial processes; juvenile justice; and sentencing and rehabilitation. The course introduces careers and pathways within the Public Services CTE cluster.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Criminology & Forensics

Criminology and Forensics (1 of 1) explores the foundations of crime and forensic procedures at the beginner level. Topics include definitions and theories of crime and criminology; the roles of witnesses, victims, and perpetrators; crime scene processing and evidence collection; the function of the crime lab; and forensic techniques such as fingerprinting, DNA analysis, toxicology, and ballistics. The course also examines ethical practices for forensic professionals and connects to the Public Services CTE pathway.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Anatomy and Physiology

The aim of Anatomy and Physiology (1 of 2) is to expand upon what was learned in your biology class, while emphasizing the application of this material to human structures and functions. This course begins the study of human beings at the microscopic level and works its way up to an in-depth study of select organ systems. Special emphasis will be placed upon APplying and demonstrating the information learned in this course through, not only tests and quizzes, but through special projects and collaboration as well.

Anatomy and Physiology (2 of 2) is designed to give the student an understanding of how structure and function are related in the human body. The student will study the human body from the cellular level to the organ system level. All of the major body systems will be studied in great detail. Additionally, biochemistry, cell biology, histology, biotechnology, bioethics, and pathology will also be studied. This course is highly recommended for students seeking a career in science or a health-related profession.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s): None

Developed by 3rd Party

Psychology

Psychology (1 of 2) explores human behavior, interaction, and development across the lifespan. Topics include major theories and orientations of psychology; psychological methodology and research design; human growth and development; individual variation and personality; psychobiology and the nervous system; and sensation and perception.

Psychology (2 of 2) explores human social interactions, psychological therapies, and careers in the field. Topics include psychological perspectives; positive relationships; social and cultural diversity; language structures; memory and cognition; psychological testing; statistical research; stress and coping strategies; and mental health disorders and treatment approaches.

Course Details

Grades: 9-12

Semesters: 1 or 2

Prerequisite(s): None

Course Intro Video

Electives

Psychology

In Psychology A the student begins with a brief history of psychologists and their experimental methods. Next they examine personality theories. Then human development from the infant stage through adult stage is explored. Finally, the last part of the course is about consciousness: sleep, dreams, and conscious-altering substances. Students are encouraged to increase their own self-awareness as they move through the course.

In Psychology B students continue to learn about psychology. Students examine the nature of intelligence in humans and animals, including the origin of intelligence and how to measure it. They learn about learning with an emphasis on classical and operant conditioning. Students also investigate social psychology and psychological disorders. They demonstrate their understanding by completing projects in which they play roles like teacher, parent, and psychologist.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

AP® Psychology

This course will be utilized for students wishing to take the AP Psychology exam. All modules in this course are geared towards a content area covered on the AP exam. The course begins with an introduction to the origins of psychology to strengthen students' scientific foundations that other modules will build upon. The first module also includes an introduction to AP courses. The semester then focuses on biology with an emphasis on the brain. With having a strong grasp of neuropsychology, students will then expand their knowledge to learning about cognitive and developmental psychology.

Course Details

Grades: 9-12

Semesters: 2

Prerequisite(s):
None

Developed by 3rd Party

Sociology

Sociology examines the basics of sociology, which is the study of society including individuals, human groups, and organizations. The course is divided into four main areas: the sociological perspective, social structures, inequality in society, and social institutions and change. Students will examine controversies around social change, inequality, gender, and race. The course revolves around an overview of the field with projects that offer the student a chance to explore from a sociologist's perspective.

Course Details

Grades: 9-12

Semesters: 1

Prerequisite(s):
None

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