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English Course Options

Course Name	AG	Tier 1	Tier 2	SGI	Literature/Writing
English 9 A/B	В	HS - L4L English 9A (2015) HS - L4L - English 9B (2015)	HS - L4L English 9A (2018) HS - L4L English 9B (2018)	HS - L4L SGI Integrated S.L.A.M. I A (9-10) (2019) HS - L4L SGI Integration S.L.A.M. I B (9-10) (2019)	HS - L4L Literature and Writing 9A (2019) HS - L4L Literature and Writing 9-12B (2019)
English 10 A/B	В	HS - L4L English 10A (2015) HS - L4L English 10B (2015)	HS - L4L English 10A (2017) HS - L4L English 10B (2017)	HS - L4L SGI Integrated S.L.A.M. I A (9-10) (2019) HS - L4L SGI Integrated S.L.A.M. I B (9-10) (2019)	HS - L4L Literature and Writing 10A (2019) HS - L4L Literature and Writing 9-12B (2019)
English 11 A/B	В	HS - L4L English 11A (2016) HS - L4L English 11B (2016)	HS - L4L English 11A (2018) HS - L4L English 11B (2018)	HS - L4L f SGI Integrated S.L.A.M. I A (11-12) (2019) HS - L4L SGI Integrated S.L.A.M. I B (11-12) (2019)	HS - L4L Literature and Writing 11A (2019) HS - L4L Literature and Writing 9-12B (2019)
English 12 A/B	В	HS - L4L English 12A (2018) HS - L4L English 12B (2018)	HS - L4L 21st Century Literacy A (2017) HS - L4L 21st Century Literacy B (2017)	HS - L4L SGI Integrated S.L.A.M. I A (11-12) (2019) HS - L4L SGI Integrated S.L.A.M. I B (11-12) (2019)	HS - L4L Literature and Writing 12A (2019) HS - L4L Literature and Writing 9-12B (2019)

Honors Courses

English Intensive Courses

Course Name	AG	Title	Course Name	AG	Title
English 10 Honors A/B	В	HS - L4L English 10 Honors A (2019) HS - L4L English 10 Honors B	SGI English Intensive 9	No	HS - L4L SGI English Intensive 9A HS - L4L SGI English Intensive 9B
English 11		(2019) HS - L4L English 11 Honors A (2019)	SGI English Intensive 10	No	HS - L4L SGI English Intensive 10A HS - L4L SGI English Intensive 10B
Honors A/B	В	HS - L4L English 11 Honors B (2019)	SGI English Intensive 11	No	HS - L4L SGI English Intensive 11A HS - L4L SGI English Intensive 11B
English 12 Honors A/B	В	HS - L4L English 12 Honors A (2019) HS - L4L English 12 Honors B (2019)	SGI English Intensive 12	No	HS - L4L SGI English Intensive 12A HS - L4L SGI English Intensive 12B

ENGLISH 9 A/B

Credit Type: English 9

Description: English 9 presents students with literature and informational texts that present themes such as "Finding Common Ground" and "The Struggle for Freedom" to enhance their understanding about the human condition. It is intended to provide challenging instruction, expand the students' skill levels, and enrich the students' knowledge with a wide variety of assignments including argumentative research essays, author biographies, reflective personal narratives, and literary analysis. This course explores a variety of genres including drama, short stories, seminal documents, non-fiction. Students will practice active reading and applying new literary terms in analyzing texts. As a result of this course, students will analyze characters and types of conflict. As critical readers, students will distinguish between fact and opinion and describe the credibility of the author. In addition, students will use context clues to better answer questions about the stories they read. As part of this course, students will read and respond to a variety of novels such as, but not limited to, Suzanne Collins' The Hunger Games and Art Spiegelman's autobiographical graphic novel Maus, as well as essential texts including Martin Luther King Jr.'s "I Have a Dream," Romeo and Juliet, and The Odyssey. The ideas from the various readings will assist students in making connections between English Language Arts and the world they encounter on a daily basis. Throughout the course students will improve upon their abilities to critically read, effectively write, and reflect as scholars.

ENGLISH 10 A/B

Credit Type: English 10

Description: English 10 presents students with literature and informational texts that present themes such as "How We See Things" and "Ourselves and Others" to enhance their understanding about the human condition. Through their critical reading and analysis of texts including but not limited to The Absolutely True Diary of a Part-Time Indian, Neil deGrasse Tyson's essay "Coming to Our Senses," and additional selections from Josephine Baker, Jane Goodall, and Shakespeare, students create connections between English Language Arts and the world they encounter on a daily basis. Students are prompted to respond to these texts in various ways such as research presentations, personal narratives, and literary analysis. Through the texts and activities described, this course develops skills that serve as the necessary basis for continued learning and 21st century readiness, which enriches their individuality, fosters responsible citizenship, and preserves the common literary heritage of our culture.

ENGLISH 11 A/B

Credit Type: English 11

Description: English 11 is a study of language, literature, composition, and oral communication with a focus on exploring characterization across universal themes, such as "Building a Democracy" and "The Individual and Society," and a wide variety of genres. Students use literary interpretation, analysis, comparison, and evaluation to read and to respond to representative works of historical or cultural significance including but not limited to The Great Gatsby, Animal Farm, The Bill of Rights, and Walden. Students read classic and contemporary literature balanced with nonfiction--the major focus is the critical analysis of seminal U.S documents. Students examine and compose various types of writing including, literary analysis, satire, synthesis, and narrative as well as deliver grade-appropriate multimedia presentations and access, analyze, and evaluate online and printed information. Successful completion of this course will prepare students for rigorous senior-level courses focused in critical reading and effective written expression.

Independent Study

Credits: 10 A-G: B

Independent Study

Credits: 10 A-G: B

Independent Study

Credits: 10 **A-G:** B

ENGLISH 12 A/B

Credit Type: English 12

Description: This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students'skill levels and enriching the students'knowledge with a wide variety of assignments. In this rigorous course, students will explore major works of British literature that are organized in historical sequence. As a result of this course, students will evaluate how the English language evolves over time after reading the Old English Legend of Beowulf. Students will also write about how history connects works of literature when studying, for example, the English Renaissance. Students will practice their critical reading skills in analyzing works such as William Shakespeare's drama, Macbeth, Mary Shelley's Gothic novel, Frankenstein, and George Orwell's cold war-era apocalyptic 1984. Students will also describe events in history that led to Alexander Solzhenitsyn's novel, One Day in the Life of Ivan Denisovich. For writing practice, students will compose a persuasive letter and a love sonnet. English 12 presents students with literature and text that convey values, emotions, and truths about the human condition. The course teaches skills necessary for further learning and career development. It challenges students to critically examine ideas that enrich the human spirit and provide a foundation for an informed, literate citizenry.

LITERATURE AND WRITING 9A (2019)

Credit Type: English 9

Description: Literature and Writing teaches skills that serve as the necessary basis for further learning and career development, which enrich the human spirit, foster responsible citizenship, and preserve the common literary heritage of our culture. This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students' skill levels and enriching the students' knowledge with a wide variety of assignments. This course explores a variety of genres including dramas, short stories, and novels. Students will practice active reading and the learning of new literary terms. As a result of this course, students will analyze characters and types of conflict. As critical readers, students will distinguish between fact and opinion and describe the credibility of the author. In addition, students will use context clues to better answer questions about the stories they read. As part of this course, the second semester focuses on an in-depth analysis of a complex text such as, but not limited to, Harper Lee's To Kill a Mockingbird, William Golding's Lord of the Flies, or Amy Tan's The Joy Luck Club. In addition, students will write essays in response to prompts about the literature they have read.

Independent Study

Credits: 10 **A-G:** B

Independent Study Credits: 5 A-G: B

LITERATURE AND WRITING 10A (2019)

Credit Type: English 10

Description: Literature and Writing presents students with literature and informational texts that present themes to enable their understanding about the human condition. The course teaches skills that serve as the necessary basis for continued learning and career development, which enrich their individuality, foster responsible citizenship, and preserve the common literary heritage of our culture. This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students' skill levels (including developing 21st century skills) and enriching the students' knowledge with a wide variety of assignments. This course explores the genres of novel, poetry, current event, informational text, and short story. Students will further develop critical reading and comprehension skills. Students will identify the parts of a short story such as setting, point of view, mood, and character type. Students will also examine arguments to identify and analyze claims and reasoning. The ideas from the various readings will assist students in making connections between English Language Arts and the world they encounter on a daily basis. Throughout the course students will improve upon their abilities to critically read, effectively write, and reflect as scholars.

LITERATURE AND WRITING 11A (2019)

Credit Type: English 11

Description: Literature and Writing presents students with literature and informational texts that present themes to enable their understanding about the human condition. The course teaches skills that serve as the necessary basis for continued learning and career development, which enrich their individuality, foster responsible citizenship, and preserve the common literary heritage of our culture. This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students' skill levels (including developing 21st century skills) and enriching the students' knowledge with a wide variety of assignments. This course explores the genres of novel, poetry, current event, informational text, and short story. Students will further develop critical reading and comprehension skills. Students will identify the parts of a short story such as setting, point of view, mood, and character type. Students will also examine arguments to identify and analyze claims and reasoning. The ideas from the various readings will assist students in making connections between English Language Arts and the world they encounter on a daily basis. Throughout the course students will improve upon their abilities to critically read, effectively write, and reflect as scholars.

LITERATURE AND WRITING 12A (2019)

Credit Type: English 12

Description: Literature and Writing seeks to engage students in a variety of literary and informational texts that explore real-world themes and issues to enhance their understanding of the human condition and the world around them. Students will analyze the elements of literature through primary and secondary sources, essays, articles, historical documents, novels, drama, poetry and short stories. The course uses textual analysis to teach skills that ensure post-secondary readiness and success. The themes explored also seek to recognize students' individuality and to foster responsible citizenship and civil engagement. Students will engage in rhetorical analysis to help them become critical consumers of information. This course is designed to prepare students for college level courses as well as assessments such as the SAT and ACT. It is intended to provide challenging instruction, to expand the students' skill levels (including developing 21st century skills) and to enrich the students' understanding of the human condition through a wide variety of activities that engage them in reading, writing, speaking, and listening.

Independent Study

Credits: 5 A-G: B

Independent Study Credits: 5 A-G: B

Independent Study

Credits: 5 A-G: B

LITERATURE AND WRITING 9-12B (2019)

Credit Type: English 9-12

Description: Literature and Writing teaches skills that serve as the necessary basis for further learning and career development, which enrich the human spirit, foster responsible citizenship, and preserve the common literary heritage of our culture. This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students' skill levels and enriching the students' knowledge with a wide variety of assignments. This course explores a variety of genres including dramas, short stories, and novels. Students will practice active reading and the learning of new literary terms. As a result of this course, students will analyze characters and types of conflict. As critical readers, students will distinguish between fact and opinion and describe the credibility of the author. In addition, students will use context clues to better answer questions about the stories they read. As part of this course, the second semester focuses on an in-depth analysis of a complex text such as, but not limited to, Harper Lee's To Kill a Mockingbird, William Golding's Lord of the Flies, or Amy Tan's The Joy Luck Club. In addition, students will write essays in response to prompts about the literature they have read.

ENGLISH HONORS 10 A/B (2019)

Credit Type: English 10

Description: English 10 Honors presents students with literature and informational texts that present themes to enable their understanding about the human condition. The course teaches skills that serve as the necessary basis for continued learning and career development, which enrich their individuality, foster responsible citizenship, and preserve the common literary heritage of our culture. This course is intended for students who are working at or above grade-level. It is intended to provide challenging instruction, expanding the students' skill levels (including developing 21st century skills) and enriching the students' knowledge with a wide variety of assignments. This course explores the genres of novel, poetry, current event, informational text, and short story. Students will further develop critical reading and comprehension skills. Students will identify the parts of a short story such as setting, point of view, mood, and character type. Students will also examine arguments to identify and analyze claims and reasoning. The ideas from the various readings will assist students in making connections between English Language Arts and the world they encounter on a daily basis. Throughout the course students will improve upon their abilities to critically read, effectively write, and reflect as scholars.

ENGLISH HONORS 11 A/B (2019)

Credit Type: English 11

Description: English 11 Honors seeks to engage students in a variety of literary and informational texts that explore real-world themes and issues to enhance their understanding of the human condition and the world around them. Students will analyze the elements of literature through primary and secondary sources, essays, articles, historical documents, novels, drama, poetry and short stories. The course uses textual analysis to teach skills that ensure post-secondary readiness and success. The themes explored also seek to recognize students' individuality and to foster responsible citizenship and civil engagement. Students will engage in rhetorical analysis to help them become critical consumers of information. This course is designed to prepare students for AP and college level courses as well as assessments such as the SAT and ACT. It is intended to provide challenging instruction, expand the students' skill levels (including developing 21st century skills) and enrich the students understanding of the human condition through a wide variety of activities that engage them in reading, writing, speaking, and listening.

Independent Study

Credits: 5 A-G: B

Independent Study Credits: 10 A-G: B

Independent Study

Credits: 10 A-G: B

ENGLISH HONORS 12 A/B (2019)

Credit Type: English 12

Description: English 12 Honors seeks to engage students in a variety of literary and informational texts that explore real-world themes and issues to enhance their understanding of the human condition and the world around them. Students will analyze the elements of literature through primary and secondary sources, essays, articles, historical documents, novels, drama, poetry and short stories. The course uses textual analysis to teach skills that ensure post-secondary readiness and success. The themes explored also seek to recognize students' individuality and to foster responsible citizenship and civil engagement. Students will engage in rhetorical analysis to help them become critical consumers of information. This course is designed to prepare students for college level courses as well as assessments such as the SAT and ACT. It is intended to provide challenging instruction, to expand the students' skill levels (including developing 21st century skills) and to enrich the students' understanding of the human condition through a wide variety of activities that engage them in reading, writing, speaking, and listening.

INTEGRATED S.L.A.M. I (ELA 9-10) A/B

Credit Type: English 9-10

Description: Integrated S.L.A.M. I (ELA) is a project-based course that blends literature, art and media, empowering students to shed light on universal themes, and awaken & motivate communities. Students aim to answer two essential questions: How does expressive writing illustrate and influence the world? & How can your expressive writing impact your community? Students conceptualize text types, author's message/expressive intent, research methods, performance techniques and guided writing & rehearsal processes. Students also choose thematic novels and incorporate literary evidence into their projects. They apply their learning to research, multimedia presentation, narrative writing and spoken word performance. The course culminates in a final staged production and curation of a professional portfolio that includes academic and performance artifacts as evidence of learning. The course aligns with Common Core English Language Arts Grade-Level 9-10 and Career Technical Education Standards.

INTEGRATED S.L.A.M. I (ELA 11-12) A/B

Credit Type: English 11-12

Description: Integrated S.L.A.M. I (ELA) is a project-based course that blends literature, art and media, empowering students to shed light on universal themes, and awaken & motivate communities. Students aim to answer two essential questions: How does expressive writing illustrate and influence the world? & How can your expressive writing impact your community? Students conceptualize text types, author's message/expressive intent, research methods, performance techniques and guided writing & rehearsal processes. Students also choose thematic novels and incorporate literary evidence into their projects. They apply their learning to research, multimedia presentation, narrative writing and spoken word performance. The course culminates in a final staged production and curation of a professional portfolio that includes academic and performance artifacts as evidence of learning. The course aligns with Common Core English Language Arts Grade-Level 11-12 and Career Technical Education Standards.

Independent Study

Credits: 10 A-G: B

Small Group Instruction

Credits: 10 A-G: B

Small Group InstructionCredits: 10A-G: B

English Intensive

SGI ENGLISH 9 A/B INTENSIVE

Credit Type: English 9

Description: The focus of English Intensive 9 is to fill in academic gaps and prepare students to transition into the core curriculum. Learning and implementing reading strategies is the main focus of this course. Students will be studying a variety of texts. Each text covers a different comprehension skill and explores readings that revolve around a similar idea. These lessons will also include grammar, vocabulary and writing tasks.

SGI ENGLISH 10 A/B INTENSIVE

Credit Type: English 10

Description: The focus of English Intensive 10 is to fill in academic gaps and prepare students to transition into the core curriculum. Learning and implementing reading strategies is the main focus of this course. Students will be studying a variety of texts. Each text covers a different comprehension skill and explores readings that revolve around a similar idea. These lessons will also include grammar, vocabulary, and writing tasks.

SGI ENGLISH 11 A/B INTENSIVE

Credit Type: English 11

Description: The focus of English Intensive 11 is to fill in academic gaps and prepare students to transition into the core curriculum. Learning and implementing reading strategies is the main focus of this course. Students will be studying a variety of texts. Each text covers a different comprehension skill and explores readings that revolve around a similar idea. These lessons will also include grammar, vocabulary, and writing tasks.

SGI ENGLISH 12 A/B INTENSIVE

Credit Type: English 12

Description: The focus of English Intensive 12 is to fill in academic gaps and prepare students to transition into the core curriculum. Learning and implementing reading strategies is the main focus of this course. Students will be studying a variety of texts. Each text covers a different comprehension skill and explores readings that revolve around a similar idea. These lessons will also include grammar, vocabulary, and writing tasks.

READ 180 1 A/B

Credit Type: Elective

Description: The focus of READ 180 1 is to fill in foundational literacy gaps and prepare students to transition to English Intensive curriculum. The program focuses on reading narrative and expository texts fluently and accurately, and with appropriate pacing, intonation, and expression. Students will learn how to monitor text for unknown words in novels by using word, sentence, and paragraph clues to determine word meaning. Each credit covers foundational literacy skills, which include identifying and analyzing features of themes; connecting and clarifying main ideas; understanding and explaining shades of meaning in related terms; and using correct and varied sentence types. Students will apply learned skills to writing activities.

Small Group Instruction

Credits: 10 A-G: No

Small Group Instruction

A-G: No

Credits: 10

Small Group Instruction

Credits: 10 A-G: No

Small Group Instruction

Credits: 10 A-G: No

Online/Independent Study

Credits: 10 A-G: No

English Intensive

READ 180 2 A/B

Credit Type: Elective

Description: The focus of READ 180 2 is to fill in foundational literacy gaps and prepare students to transition to English Intensive curriculum. The program focuses on reading narrative and expository texts fluently and accurately, and with appropriate pacing, intonation, and expression. Students will learn how to monitor text for unknown words in novels by using word, sentence, and paragraph clues to determine word meaning. Each credit covers foundational literacy skills, which include identifying and analyzing features of themes; connecting and clarifying main ideas; understanding and explaining shades of meaning in related terms; and using correct and varied sentence types. Students will apply learned skills to writing activities.

READ 180 3 A/B

Credit Type: Elective

Description: The focus of READ 180 3 is to fill in foundational literacy gaps and prepare students to transition to English Intensive curriculum. The program focuses on reading narrative and expository texts fluently and accurately, and with appropriate pacing, intonation, and expression. Students will learn how to monitor text for unknown words in novels by using word, sentence, and paragraph clues to determine word meaning. Each credit covers foundational literacy skills, which include identifying and analyzing features of themes; connecting and clarifying main ideas; understanding and explaining shades of meaning in related terms; and using correct and varied sentence types. Students will apply learned skills to writing activities.

SYSTEM 4411A/B

Credit Type: Elective

Description: The focus of System 44 I is to fill in foundational literacy gaps for beginning decoders and prepare students to transition to English Intensive curriculum. The program focuses on phonemic awareness, phonics, decoding, fluency, vocabulary, text comprehension, spelling, and grammar. Each credit covers specific foundational literacy skills, which directly relates to an assortment of leveled texts. Students apply learned skills to writing activities that are supported with sentence frames and structured outlines.

SYSTEM 4412A

Credit Type: Elective

Description: The focus of System 44 I is to fill in foundational literacy gaps for devolving decoders and prepare students to transition to English Intensive curriculum. The program focuses on phonemic awareness, phonics, decoding, fluency, vocabulary, text comprehension, spelling, and grammar. Each credit covers specific foundational literacy skills, which directly relates to an assortment of leveled texts. Students apply learned skills to writing that are supported with sentence frames and structured outlines.

SYSTEM 44 II 1A/B

Credit Type: Elective

Description: The focus of System 44 II is to fill in foundational literacy gaps for devolving decoders and prepare students to transition to English Intensive curriculum. The program focuses on phonemic awareness, phonics, decoding, fluency, vocabulary, text comprehension, spelling, and grammar. Each credit covers specific foundational literacy skills, which directly relates to an assortment of leveled texts. Students apply learned skills to writing that are supported with sentence frames and structured outlines.

Online/Independent Study

Credits: 10 A-G: No

Online/Independent Study Credits: 10 A-G: No

Independent Study

Credits: 10 A-G: No

Independent Study

Independent Study

Credits: 10

Credits: 5 A-G: No

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A-G:No

English Intensive

Upcoming Courses

WRITING INTENSIVE I A/B

Credit Type: Elective

Description: Writing Intensive I is designed for Literacy students who are reading at near or at proficiency, but are in need of academic writing supports. The curriculum uses the CERCA framework to teach students a systematic approach to argumentative and informative writing. Through standards-aligned close reading and academic writing lessons, ThinkCERCA approaches literacy instruction to prepare students for post-secondary life. Each learning event packet has a relevant and high-interest topic that focuses on a specific set of skills that students will master in their writing. Students will also have access to grade level text and see skills modeled and scaffolded to build their own capacity and mastery of the writing skills presented in the course.

Writing Intensive IA is currently available.

WRITING INTENSIVE II A/B

Credit Type: Elective

Description: Writing Intensive II is designed for Literacy students who are reading at near or at proficiency, but are in need of academic writing supports. The curriculum uses the CERCA framework to teach students a systematic approach to argumentative and informative writing. Through standards-aligned close reading and academic writing lessons, ThinkCERCA approaches literacy instruction to prepare students for post-secondary life. Each learning event packet has a relevant and high-interest topic that focuses on a specific set of skills that students will master in their writing. Students will also have access to grade level text and see skills modeled and scaffolded to build their own capacity and mastery of the writing skills presented in the course.

Course will be released Spring 2020

Small Group Instruction

Credits: 10 A-G: B

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Small Group Instruction

Credits: 10 A-G: B

Mathematics

Course Options

Course Name	AG	Tier 1	SGI	SPED
Algebra 1 A/B	С	HS - L4L Algebra 1A (2020) HS - L4L Algebra 1B (2020)	HS - L4L SGI Algebra 1A (2020) HS - L4L SGI Algebra 1B (2020)	HS - L4L Algebra A - SPED (2017) HS - L4L Algebra B - SPED (2017)
Geometry A/B	С	HS - L4L Geometry A (2020) HS - L4L Geometry B (2020)	HS - L4L SGI Geometry A (2020) HS - L4L SGI Geometry B (2020)	HS - L4L Geometry A - SPED (2017) HS - L4L Geometry B - SPED (2017)
Algebra 2 A/B	С	HS - L4L Algebra 2A (2020) HS - L4L Algebra 2B (2020)	HS - L4L SGI Algebra 2A (2020) HS - L4L SGI Algebra 2B (2020)	HS - L4L Algebra 2A - SPED (2017) HS - L4L Algebra 2B - SPED (2017)
Pre-Algebra A/B	No	8 - HS - L4L Pre-Algebra A (2017) 8 - HS - L4L Pre-Algebra B (2017)	8 - HS - L4L SGI Pre-Algebra A (2017) 8 - HS - L4L SGI Pre-Algebra B (2017)	
Pre-Calculus A/B	С	HS - DSCHS Precaculus - DSCHS (2015)	HS - L4L SGI Precalculus A (2017) HS - L4L SGI Precalculucs B (2017)	
Calculus A/B	С	HS - DSCHS Calculus - Houghton Mifflin (2007)	HS - L4L SGI Calculus A (2017) HS - L4L SGI Calculus B (2017)	

SGI Mathematics Intensive Courses

Course Name	AG	Title	Course Name	AG	Title
MATH 180 1A/B Track 1	No	HS - L4L Math 180 1A Track 1 (2018) HS - L4L Math 180 1B Track 1 (2018)	MATH 180 2A/B Track 2	No	HS - L4L Math 180 2A Track 2 (2018) HS - L4L Math 180 2B Track 2 (2018)
MATH 180 1B Track 2	No	HS - L4L Math 180 1B Track 2 (2018)	MATH 180 2B Track 1	No	HS - L4L Math 180 2B Track 1 (2018)
MATH 180 2A Track 1	No	HS - L4L Math 180 2A Track 1 (2018)	MATH 180 2B Track 3	No	HS - L4L Math 180 2b Track 3 (2018)
MATH 180 2A Track 3	No	HS - L4L Math 180 2A Track 3 (2018)	MATH 180 2B Track 4	No	HS - L4L Math 180 2B Track 4 (2018)

Mathematics General Core

PRE-ALGEBRA A/B (2017)

Credit Type: Mathematics

Description: The fundamental purpose of Pre-Algebra is to support the maturation of arithmetic concepts into algebraic concepts, develop the formal notion of a function, continue to develop their understanding of data representations into statistics, and to lay the foundations for later courses in deductive geometry. Critical areas include: (1) formulating and reasoning about expressions and equations, (2) grasping the concept of a function and using functions to describe quantitative relationships, and (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

ALGEBRA 1 A/B (2020)

Credit Type: Mathematics

Description: The fundamental purpose of Algebra 1 is to formalize and extend the mathematics that students learned in the middle grades. The critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. Key areas of study include: (1) quantities and modeling, (2) understanding functions, (3) linear functions, equations, and inequalities, (4) statistical models, (5) linear systems, (6) exponential relationships, (7) polynomial operations, (8) quadratic functions, and (9) quadratic equations and modeling.

ALGEBRA 2 A/B (2020)

Credit Type: Mathematics

Description: The fundamental purpose of Algebra 2 is to build on the student's working knowledge of linear, quadratic, and exponential functions by extending their understanding of functions to include logarithmic, polynomial, rational, and radical functions. In addition, students will be able to relate given events, data, and statistics to probability and explore a variety of data collection methods. Key areas of study are the following: (1) functions, (2) quadratic functions, and equations, (3) polynomial functions, expressions, and equations, (4) rational functions, expressions, and equations (5) radical functions, expressions, and equations, (6) exponential and logarithmic functions and equations (7) trigonometric functions (8) probability, and (9) Statistics.

GEOMETRY A/B (2020)

Credit Type: Mathematics

Description: The fundamental purpose of Geometry is to build on the student's prior grade knowledge of geometry to formalize and extend their understanding of geometry to include exploring complex geometric situations, deepening their explanations of geometric relationships, and presenting formal mathematical arguments. Students will verify experimentally and algebraically the properties of geometric figures and situations. In addition, students will be able to use language of set theory to compute and interpret probabilities. Key areas of study include: (1) transformation and congruence, (2) lines, angles, and triangles, (3) quadrilaterals (4) similarity (5) trigonometry (6) properties of circles, (7) measurement and modeling in two and three dimensions, and (8) probability.

Independent Study/SGI

Credits: 10 A-G: No

Independent Study/SGI Credits: 10 A-G: C

Independent Study/SGI

Credits: 10 A-G: C

Independent Study/SGI

Credits: 10 A-G: C

Mathematics General Core

PRE-CALCULUS A/B

Credit Type: Mathematics

Description: Precalculus is a course that combines reviews of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers.

CALCULUS A/B

Credit Type: Mathematics

Description: Calculus is now the basic entry point for anyone wishing to study physics, chemistry, biology, economics, finance, or actuarial science. Calculus is the mathematical study of continuous change, in the same way that geometry is the study of shape and algebra is the study of generalizations of arithmetic operations. The course introduces students to calculation of instantaneous rates of change (differential calculus) and the summation of infinitely many small factors to determine some whole (integral calculus). Though it is not offered for AP credit at this time, this course covers topics that span Calculus AB and Calculus BC.

Upcoming Courses

FINANCIAL ALGEBRA A/B (2020)

Credit Type: Mathematics

Description: Financial Algebra introduces students to content directly related to the financial decisions that adults make in their daily lives. The mathematical formulas, functions, and pictorial representations used in the course will assist students in making sense of the financial world around them and will equip them with the ability to make sound financial decisions based on effective data modeling strategies. Key areas of study include: (1) discretionary expenses, (2) banking services, (3) consumer credit, (4) automobile ownership, (5) employment basics, (6) income taxes, (7) the stock market, and (8) modeling a business.

PERSONAL FINANCE A/B (2020)

Credit Type: Mathematics

Description: Personal Finance is designed to help students gain the essential knowledge and skills necessary to make informed decisions about real world financial issues. The course content will help students make wise spending, saving, and credit decisions to achieve personal financial success. Key areas of study include: (1) gross and net income, (2) recordkeeping, (3) bank accounts, (4) credit cards, (5) home mortgage and car loans, and (6) investments.

Independent Study/SGI

Credits: 10 A-G: C

Independent Study/SGI

Credits: 10 A-G: C

Independent Study

Independent Study

Credits: 10

Credits: 10 A-G: Pending

A-G:No

Mathematics General Core

Upcoming Courses

Note: The courses in the Integrated Pathway follow the structure introduced in the K–8 grade levels of the California Common Core State Standards for Mathematics (CA CCSSM); they present mathematics as a coherent subject and blend standards from different conceptual categories.

INTEGRATED MATH I A/B (2020)

Credit Type: Mathematics

Description: In Integrated Mathematics I, students will study linear and exponential equations and functions. Students will use linear regression and perform data analysis. They will also learn about geometry topics such as simple proofs, congruence, and transformations. Key areas of study include: (1) solving, graphing and writing linear equations and inequalities, (2) linear statistics and data analysis, (3) systems of linear equations, (4) exponential functions and sequences, (5) proof and reasoning, (6) parallel and perpendicular lines, (7) transformations and congruence.

INTEGRATED MATH II A/B (2020)

Credit Type: Mathematics

Description: Integrated Mathematics II expands into quadratic, absolute value, and other functions. Students will also explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles, and three-dimensional figures. Key areas of study include: (1) functions and exponents, (2) polynomials and factoring, (3) graphing and solving quadratic functions, (4) probability, (5) relationships within triangles, (6) quadrilaterals and other polygons, (7) trigonometry and circles, and (8) circumference, area, and volume.

INTEGRATED MATH III A/B (2020)

Credit Type: Mathematics

Description: In Integrated Mathematics III, students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions. Key areas of study include: (1) geometric modeling, (2) modeling with linear functions and quadratic functions, (4) rational exponents and radical functions, (5) exponential and logarithmic functions, (6) rational functions, (7) sequences and series, (8) trigonometric ratios and functions, (9) trigonometric identities and formulas, and (10) data analysis and statistics.

Independent Study/SGI

Credits: 10 A-G: Pending

Credits: 10 A-G: Pending

Independent Study/SGI

Independent Study/SGI

Credits: 10 A-G: Pending

Mathematics Intensive

ALGEBRA ESSENTIAL SKILLS (AES) (2017)

Credit Type: Elective

Description: Algebra Essential Skills (AES) is a 5 credit elective course designed as intervention for the Algebra 1 A/B course. Each one credit of AES corresponds to standards covered in two credits of Algebra 1. AES provides supplementary instruction, intervention, and additional formative assessment for algebraic concepts students most struggle with, including but not limited to 1) tools necessary to solve one variable equations 2) understanding the relationship between graphs, tables, and equations 3) distinguishing between key features of linear, exponential, and quadratic graphs 4) real world applications of slope and how they can be used to derive linear equations 5) culturally relevant applications of statistical concepts including the mean, standard deviation, and z-score 6) graphic organizers to help students distinguish between how and why factoring polynomials is important in the real world. The SDAIE strategies utilized throughout the AES course provide support and increased access to content for English Language Learners at Learn4Life.

GEOMETRY ESSENTIAL SKILLS (GES) (2017)

Credit Type: Elective

Description: Geometry Essential Skills (GES) is a 5 credit elective course designed as intervention for the Geometry A/B course. Each one credit of GES corresponds to standards covered in two credits of Geometry. GES provides supplementary instruction, intervention, and additional formative assessment for geometric concepts students most struggle with, including but not limited to 1) transformations 2) angle relationships 3) distinguishing between similarity and congruence 4) special properties of parallel lines 5) identifying key similarities and differences between triangles, quadrilaterals, and circles. This GES course also provides a review of algebraic concepts essential to be successful in Geometry, including integers, fractions, solving equations, and graphing. The SDAIE strategies utilized throughout the course provide additional support and increased access to content for English Language Learners at Learn4Life.

MATH 180 1A/B TRACK 1 (2018)

Credit Type: Elective

Description: The purpose of MATH 180 Course 1 Track 1 is to provide targeted support for students that struggle with foundational arithmetic concepts. This course creates a bridge between arithmetic and algebra by focusing on the standards that are essential for algebra readiness. Critical areas include: (1) Applying the distributive property to expand on multiplication and division strategies, (2) reviewing fraction concepts and their application to rates and ratios, and (3) introducing decimal operations and integers.

MATH 180 2A/B TRACK 1 (2018)

Credit Type: Elective

Description: The purpose of MATH 180 Course 2 Track 1 is to continue building upon the essential skills needed for algebra 1. Critical areas include: (1) connecting ratio and rates to whole number multiplication and division using concepts of ratios and rates to solve problems, (2) developing an understanding of proportional relationships and using proportional thinking to solve problems, (3) developing an understanding of proportional and linear relationships using applications of percents and interpreting linear equations, (4) developing an understanding of linear and non-linear equations including writing and interpreting equations using tables and graphs, and (5) using functions to describe quantitative relationships and reasoning with possible solutions to real-world problems using systems of equations.

Intervention/Independent Study

Credits: 5 A-G: No

Intervention/Independent Study Credits: 5 A-G: No

Intervention/SGI/Online

Credits: 10 **A-G:** No

Intervention/SGI/Online

Credits: 10 A-G: No

Mathematics Intensive

MATH 180 1B TRACK 2 (2018)

Credit Type: Elective

Description: The purpose of MATH 180 Course 1 Track 2 is to review rational expressions and integers using real-world simulations and adaptive, computer based practice. Critical areas include: (1) Comparing fractions using visual models and representation with equations, (2) using patterns to connect fractions to division, (3) applying the meaning of place value and addition and subtraction to decimals, and (4) generating situations that can be represented by integers.

MATH 180 2A/B TRACK 2 (2018)

Credit Type: Elective

Description: The purpose of MATH 180 Course 2 Track 2 is to introduce rates, graphing and functions to students in an interactive and engaging way. Students who have struggled with these concepts in the past will gravitate to the adaptive computer software practice and in-class lessons designed to foster cross collaboration with their peers. Critical areas include: (1) Describing motion in a graph using precise language, (2) identifying and evaluating ratios using multiple visual representations, and (3) comparing two linear functions, one described verbally, and one described in a table.

MATH 180 2A/B TRACK 3 (2018)

Credit Type: Elective

Description: The purpose of MATH 180 Course 2 Track 3 is to reinforce and review the critical pre-algebra skills needed for success in Algebra 1. By reviewing the basics of ratios, functions and graphs through the use of real-world applications and career-oriented simulations, the students will be able to engage with the material and strengthen their math foundation. Critical areas include: (1) Determining the slope of a line in two ways to show equivalence of fraction problems, (2) using a graph to write an equation that represents a linear function, (3) calculating the solution for a system of equations and (4) evaluating an expression by substituting an x-value.

MATH 180 2B TRACK 4 (2018)

Credit Type: Elective

Description: The purpose of MATH 180 Course 2 Track 4 is to continue building upon the essential skills needed for Algebra 1. Critical areas include: (1) understanding proportional and linear relationships using applications of percents and interpreting linear equations, (2) understanding solutions sets with proportional relationships and applications of percents, (3) analyzing and comparing equations with exponents and square roots, (4) understanding linear and non-linear equations including writing and interpreting equations using tables and graphs, (5) using equations to describe quantitative relationships and reasoning with systems of equations, and (6) analyzing linear systems of equations and possible solutions to real-world problems.

Intervention/SGI/Online

Credits: 10 A-G: No

Intervention/SGI/Online Credits: 10 A-G: No

Intervention/SGI/Online

Credits: 10 A-G: No

Intervention/SGI/Online

Credits: 5 A-G: No

Mathematics Intensive

MATH FOUNDATIONS

Credit Type: Elective

Description: Math Foundations is a 5 credit early intervention math elective course designed for students that struggle with Number and Operations. The course provides supplementary instruction, practice, and assessment for the 3rd – 6th grade standards most essential for preparing students for the rigor of the Learn4Life Mathematics core pathway. The topics include, but are not limited to 1) Fractions as division 2) Equivalency between fractions, decimals, and percentages 3) Applications of the greatest common factor vs. least common multiple 4) Reciprocity and the relationship between fraction multiplication and division 5) Negative numbers and integers 6) Exponents and scientific notation 7) Mental math strategies. The Math Foundations course is designed around SDAIE strategies that provide support and increased access to content for English Language Learners at Learn4Life.

BASIC MATH A/B

Credit Type: Elective

Description: Basic Math A and B provides an review of critical basic mathematics skills. It includes the fundamental numeral operations of addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals; ratios and proportion, percent, systems of measurement, and an introduction to geometry. Modules of this easy-to-follow course can be used in a prescriptive manner to address students' weaknesses head on.

Independent Study/SGI

Credits: 5 A-G: No

Independent Study

Credits: 10 A-G: No

Science Course Options

Course Name	AG	Tier 1	Tier 2	SGI
Biology A/B	D	HS - L4L Biology A (2020) HS - L4L Biology B (2020)		HS - L4L SGI Biology A (2020) HS - L4L SGI Biology B (2020)
Chemistry A/B	D	HS - L4L Chemistry A (2017) HS - L4L Chemistry B (2017)		HS - L4L SGI Chemistry A (2017) HS - L4L SGI Chemistry B (2017)
Earth Science A/B	D	HS - L4L Earth Science A (2018) HS - L4L Earth Science B (2018)		HS - L4L Earth Science A (2018) HS - L4L Earth Science B (2018)
Integrated Science 1 A/B	D		HS - L4L Integrated Science 1A (2015) HS - L4L Integrated Science 1B (2015)	HS - L4L SGI Integrated Science 1A (2017) HS - L4L SGI Integrated Science 1B (2017)
Integrated Science 2 A/B	D		HS - L4L Integrated Science 2A (2016) HS - L4L Integrated Science 2B (2016)	HS - L4L SGI Integrated Science 2A (2017) HS - L4L SGI Integrated Science 2B (2017)
General Science 1 A/B	GD		HS - L4L General Science 1A (2017) HS - L4L General Science 1B (2017)	
General Science 2 A/B	GD		HS - L4L General Science 2A (2016) HS - L4L General Science 2B (2016)	

Science General Core

EARTH SCIENCE A/B (2018)

Credit Type: Physical Science

Description: The main purpose of Earth Science is to develop an understanding of the Earth and the universe around it. The overarching ideas of the course include: Earth's place in the solar system, the universe and stars, the big bang theory, the history of planet Earth, Earth's materials and systems, plate tectonics, Earth's surface processes and features, weather and climate, natural resources, natural hazards, human impact on Earth's systems, and global climate change.

BIOLOGY A/B (2020)

Credit Type: Life Science

Description: The main purpose of Biology is to develop an understanding of life in the natural world. The overarching ideas of the course include: the origins of life, photosynthesis, cellular respiration, genetics, evolution, ecology, and body systems. Students will also investigate how humans impact the biosphere and Earth's natural cycles.

Course will be released Spring 2020.

CHEMISTRY A/B (2017)

Credit Type: Physical Science

Description: The main purpose of Chemistry is to develop an understanding of the composition, structure, and properties of matter, the processes matter undergoes, and the energy changes that accompany these processes. The overarching ideas of the course include: the structure of matter, the periodic table, molecules and compounds, stoichiometry, states of matter, aqueous solutions, chemical reactions, oxidation/reduction, chemical equilibrium, nuclear chemistry, and biochemistry.

INTEGRATED SCIENCE 1 A/B (2015)

Credit Type: Physical Science

Description: The main purpose of Integrated Science I is to develop an understanding of the physical sciences. The overarching ideas of the course include: The history of Earth, Earth's internal processes, plate tectonics, dating the geosphere, the cause and effect relationship in the motion of objects, collisions, and the movements of astronomical bodies. Also, students will track the flow of energy through a simplified model of systems at various scales to determine the dynamic properties occurring in the natural system.

INTEGRATED SCIENCE 2 A/B (2016)

Credit Type: Life Science

Description: The main purpose of Integrated Science II is to develop an understanding of life science. The overarching ideas of the course include: the periodic table, phase changes, chemical equilibrium, nuclear processes, biochemistry, photosynthesis, cellular respiration, genetics, and evolution.

Independent Study

Credits: 10 A-G: D

Independent Study

Independent Study

Credits: 10

A-G:D

Credits: 10 A-G: D

Independent Study

Credits: 10 A-G: D

Independent Study

Credits: 10 A-G: D

Science General Core

GENERAL SCIENCE | A/B (2017)

Credit Type: Physical Science

Description: The main purpose of General Science 1 is to introduce the processes that continue to make Earth a unique planet that supports life as we know it. Students will learn about the history and formation of Earth, plate tectonics, Earth's internal processes, our solar system, the universe, forces, and energy.

GENERAL SCIENCE 2 A/B (2018)

Credit Type: Life Science

Description: The main purpose of General Science 2 is to introduce the fundamental building blocks that make up matter, including all forms of life as we know it. Students will learn about the periodic table, phase changes, chemical equilibrium, nuclear chemistry, biological molecules, biological systems, genetics, and evolution.

INTRODUCTION TO MARINE SCIENCE (2020)

Credit Type: Science Elective

Description: Introduction to Marine Science will introduce Earth's oceans, oceanic geological features, and shoreline features, as well as a detailed exploration of coastal California. Students will explore three main groups of important sea life: marine invertebrates, fishes, and marine mammals. They will be introduced to important threats to marine habitats and be able to list and describe organisms under threat, the cause, and discuss ways to mitigate the problems.

Course will be released Spring 2020.

SCIENCE ESSENTIALS A/B (2019)

Credit Type: Elective

Description: The scientific method is the best processes humans have developed for determining how phenomena in our universe work. It involves asking a question and eliminating all possible answers except for one: that which is correct. As our knowledge of the world grows, the understanding of these answers can change, which improves the accuracy of explanations. This course will provide an introduction to the tools and skills needed to learn all fields of science including: application of the scientific method, metric calculations, data presentation, secondary research, and experimental design. In addition, students will analyze claims, evaluate evidence, and then apply reasoning to validate textual information. With these skills, students will be able to further their study of more specific fields of life and physical science.

Independent Study

Credits: 10 A-G: G

Independent Study

Independent Study

A-G:G

Credits: 10

Credits: 5 A-G: G

Independent Study Credits: 10 A-G: No

History/Social Science Course Options

Course Name	AG	Tier 1	Tier 2	SGI	SPED	Other
World History A/B	А	HS - L4L World History A (2015) HS - L4L World History B (2015)	HS - L4L World History A (2017) HS - L4L World History B (2017)	HS - L4L SGI World History A (2017) HS - L4L SGI World History B (2017)	HS - L4L World History A - SPED (2017) HS - L4L World History B - SPED (2017)	
US History A/B	А	HS - L4L United States History A (2016) HS - L4L United States History B (2016)	HS - L4L United States History A (2018) HS - L4L United States History B (2018)	HS - L4L SGI United States History A (2017) HS - L4L SGI United States History B (2017)	HS - L4L US History A Chronological - SPED (2020) HS - L4L US History B Chronological - SPED (2020)	HS - L4L US History A Chronological (2020) HS - L4L US History B Chronological (2020)
Economics	G	HS - L4L Economics (2018)	HS - L4L Economics (2019)	HS - L4L SGI Economics (2019)	HS - L4L Economics - SPED (2018)	
Civics	А	HS - L4L Civics (2017)	HS - L4L Civics (2019)	HS - L4L SGI Civics (2018)	HS - L4L Civics - SPED (2017)	

History/Social Science General Core

WORLD HISTORY A/B (2015)

Credit Type: Social Science

Description: World History takes a global and comparative approach to studying the world and it's past to develop a greater understanding of how the Modern World was shaped. Students will examine and analyze the causes and consequences of major historical events and how these events affected people across regions and across time. The 300-year period covered in this course examines the increase of a global history as people, products, disease, knowledge, and ideas spread around the world as never before.

US HISTORY A/B (2017)

Credit Type: Social Science

Description: United States History takes a thematic approach to learning about our country's past. Students will examine and analyze the causes and consequences of major historical events in the United States, in three themes: Revolution and Freedom, Immigration and the American Dream, and the United States' impact on the world through foreign policy.

US HISTORY A/B CHRONOLOGICAL (2020)

Credit Type: Social Science

Description: In this course students examine the major events and lessons from United States' history from the late eighteenth century to the present. This course is organized chronologically to assist students that prefer to learn history in this manner. Students will also learn transfer skills that they can utilize in other courses.

CIVICS/AMERICAN GOVERNMENT (2018)

Credit Type: Social Studies

Description: The study of Civics allows our students to be prepared to participate fully and effectively in our nation's democracy. Gaining civic knowledge and skills makes it possible for our students to understand and preserve the fundamental values and principles of American constitutional democracy. This course will examine the origins, structure, and purpose of American government, the rights of its citizens, how the US interacts in world affairs, and what it means to be a citizen of the US.

ECONOMICS (2018)

Credit Type: Social Studies

Description: Understanding economics is becoming essential in today's world, to enable our students to become aware of the causes and consequences of economic decisions and public policy. This course will help our students develop "economic literacy" to allow them make successful economic decisions in their lives. This course will examine economics at the individual, business, national and global levels. This course also helps the student understand the importance of supply and demand, and the importance of developing economic literacy in their own personal finance.

Independent Study/SGI

Credits: 10 A-G: A

Independent Study/SGI

Credits: 10 A-G: A

Independent Study/SGI

Credits: 10 A-G: A

Independent Study/SGI

A-G: A

Credits: 5

Independent Study/SGI

Credits: 5 A-G: A

HEALTH A/B

Credit Type: Health

Description: Health provides a wellness approach to health education emphasizing the behavior that promotes good health. The course includes factual information on health issues, as well as decision-making skills related to a variety of health education concepts. The course includes units on preventive health care, decision-making, body systems, chemical abuse, nutrition, first aid, and family living. Health does not fulfill any part of the science requirement for graduation. It is, however, a separate graduation requirement.

SEXUAL HEALTH

Credit Type: Elective

Description: The Sexual Health course utilizes the Positive Prevention PLUS curriculum to deliver comprehensive, evidence-based, medically accurate sexual health education. The course is fully compliant with the California Healthy Youth Act (Education Code §§ 51930-51939). The course presents students with the opportunity to build their knowledge of the topics required in the California Healthy Youth Act including comprehensive sexual health education and HIV prevention education. Students will engage in learning around topics such as healthy and unhealthy friendships and other relationships, bullying and relationship violence, birth control options, recognizing and reducing sexual health risks, and the California Safe Surrender Law. As a result of learning in this course, students will be able to identify myths and stereotypes regarding persons with HIV, exhibit behaviors that prevent sexually transmitted diseases, and respond proactively to media and peer pressure. Students will practice setting goals and will envision how decisions related to sexuality and relationships factor into their current and future life plans.

Course will be released Spring 2020.

PHYSICAL EDUCATION 1 A/B

Credit Type: Physical Education

Description: A four-semester course that helps students develop a life-long commitment toward their own physical well-being, health, and fitness. This program emphasizes fitness, team and individual sports, gymnastics, and recreational games. A physically-educated individual is one who has mastered the necessary movement skills to participate confidently in many different forms of physical activity, values physical fitness, and understands that both are intimately related to health and well-being.

PHYSICAL EDUCATION 2 A/B

Credit Type: Physical Education

Description: A four-semester course that helps students develop a life-long commitment toward their own physical well-being, health, and fitness. This program emphasizes fitness, team and individual sports, gymnastics, and recreational games. A physically-educated individual is one who has mastered the necessary movement skills to participate confidently in many different forms of physical activity, values physical fitness, and understands that both are intimately related to health and well-being.

Independent Study

Independent Study

A-G:No

Credits: 5

Credits: 10 A-G: No

Independent Study

Independent Study

Credits: 10

A-G:No

Credits: 10 A-G: No

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ART HISTORY A/B (2016)

Credit Type: Visual and Performing Arts

Description: This course will introduce students to a challenging and richly rewarding academic discipline. Not only will students learn the vocabulary of the visual arts – painting, architecture, sculpture, and photography – but they will also study the historical periods during which individual masterpieces were created. Through the visual arts the student will gain uniquely vivid glimpse into the human experience. This course focuses primarily on Western traditions and only begins to address non-Western traditions.

INSTRUMENTAL MUSIC A/B (2019)

Credit Type: Visual and Performing Arts

Description: Instrumental Music is a 10-credit course that provides the student with regular and rigorous musical instruction and applied practice on a musical instrument. Students will discover the importance of music on a personal level as well as in multiple social, cultural, and historical contexts. As students refine their musical skills and learn discipline through regular practice and goal-setting, they will have opportunity to apply knowledge while evaluating and analyzing musical performances and providing feedback to other musicians. Ultimately, students participating in this course will experience the ways in which music can be a powerful tool for communication in various formats and from multiple points of view, and will express parts of their own story through performance and composition. *Course will be released Spring 2020.*

CLASSIC SLAM

Credit Type: Visual and Performing Arts

Description: Adapted from Los Angeles performing arts organization Get Lit Words Ignite, this Spring semester project-based course aims to prepare students for April's Get Lit Classic Slam – the world's largest youth poetry slam competition – held annually in downtown LA. Students learn the tournament's format and rules, and follow guided research, writing and rehearsal processes to prepare for the event. Students also form mini-production teams that engage in event planning, technical theater production and media coverage. The curriculum addresses National Arts Standards for California and Common Core English Language Arts Anchor Standards. *Course will be released Spring 2020.*

TOOLS 4 SUCCESS

Credit Type: Elective

Description: TOOLS 4 Success is a 5-credit course designed to help students develop strategies that will lead them towards success in school, work, relationships- and life in general! This course is filled with "Success-Building Strategies" to build self-awareness and provide students with tools to support how they think about themselves, the choices they make, and how they interact with the world. Throughout this course, students will be asked to reflect upon their behavior, experiences, attitude, and mindset. Many learning opportunities will challenge their current way of thinking. The goal of this course is to expand students' personal "toolbox" so that they can acquire the knowledge and skills necessary to successfully navigate our ever-changing world.

Independent Study

Credits: 10 A-G: F

Independent Study/SGI

A-G: F

Credits: 10

Small Group Instruction

Credits: 10 **A-G:** F

Small Group Instruction

Credits: 5 A-G: F

PSYCHOLOGY A/B (2019)

Credit Type: Elective

Description: In this course students will examine the science of Psychology and the major sub-fields within Psychology. The course begins with the definition of Psychology and then students are introduced to the scientific method, core ideas, and theories of Psychology as well as each of the major sub-fields: neuroscience and behavior, sensation and perception, consciousness, learning, psychological disorders, memory and cognition, motivation, emotion, and personality, development and social psychology. Students will study the factors that influence human behavior and learn about the methods psychologists use in their science and practice. With opportunities to discover new knowledge and learn about established research findings and theories, students will gain an understanding of the complexities and diversity of human thought and behavior.

Course will be released Spring 2020.

ESSAY COMPOSITION (2019)

Credit Type: Elective

Description: Essay Composition is a 5-credit elective course taught in an SGI format. It takes students through the "critical" / "close" reading process of four different textual sources on one subject/topic. It teaches students to select relevant textual evidence and to determine the author's central claim within a text. It then teaches students to write purposefully, using textual evidence, to develop a multi-paragraphed synthesis essay. It is offered as an SGI class because speaking and listening standards and in-class discussions are an important part of the learning.

Course will be released Spring 2020.

GREEK MYTHOLOGY: INFLUENCE AND LEGACY (2019)

Credit Type: Elective

Description: Greek Mythology: Influence and Legacy is a five-credit elective course that focuses primarily on Greek myths. Students study stories of the gods and heroes and analyze the values and beliefs those stories convey. Students will learn about the myths by reading primary sources, which include epic poems such as the Odyssey. Students will also analyze the influence Greek myths have on Western culture. Students will also study other records of classical mythology, including a range of literary sources, art (both ancient and modern), and the archaeology and architecture of ancient Greece.

Course will be released Spring 2020.

FINANCIAL LITERACY A/B

Credit Type: Elective

Description: Financial Literacy focuses on teaching students about money management, credits and loans, light investments, career choices, and insurance options. Students will read real-world scenarios that depict situations illustrating the listed concepts. Students will then be asked to place themselves in the scenario and create an appropriate plan. Students will be expected to finish a performance task at the end of each credit and an assessment test at the end of the first four credits.

Independent Study/SGI

Credits: 10 A-G: Pending

Small Group Instruction

Credits: 5 A-G: No

Independent Study

Independent Study

Credits: 5

Credits: 5 A-G: No

A-G:G

SOURCE A/B

Credit Type: Elective

Description: SOURCE is a 12-week, 10-credit course currently available in small-group instructional format. Online and independent study options are in the planning stages. The goal of SOURCE is to help students better navigate the many challenges life brings through a variety of activities that increase mindfulness, gratitude, and self-regulation. Students develop a deeper sense of connection and purpose, setting intentions and achieving goals through deliberate planning and practice. In each credit students learn a number of research-based and tested methods for cultivating physical, social, and emotional well-being, providing students with resources they can use to thrive. The course is based upon ACEs Science and positive psychology within the Learn4Life Trauma-Informed Career and Community Schools (TICCS) Model.

EXPRESSIVE WRITING A/B (2015)

Credit Type: Elective

Description: A 10-credit trauma-informed literacy course that offers social and emotional support as students encounter youth poetry and express challenges they have experienced in their own lives. The course focuses on writing and responding to poetry and gives students a safe space to share and exchange personal thoughts, feelings and belief. The course increases teen literacy, builds resilience, and provides a platform for academic and social-emotional growth. Many of the Common Core College & Career Readiness Anchor Standards for English-Language Arts are introduced, developed and strengthened within the course, as students participate regularly in writing, literacy, and speaking activities.

SUCCESS BLUEPRINT

Credit Type: Elective

Description: Success Blueprint A is a project-based course developed in partnership with the Beating the Odds Foundation. Instruction builds literacy and professional skills as students aim to answer the essential question: How can I utilize a blueprint to create an action plan for a post-secondary goal? To investigate, students conceptualize the Beating the Odds Foundation Quarterbacks of Life Blueprint for Success and skills required for research, informational writing, public speaking and presentation. *Course will be released Spring 2020.*

BEATING THE ODDS A/B

Credit Type: Elective

Description: A 10-credit course utilizing The Quarterbacks of Life Student Success & Leadership Program. It is a literacy-driven, experiential learning opportunity providing students with an easy-to-use sequence to understand the nature of success, identify and challenge imposing success stoppers, and use 5 powerful stepping stones to success to achieve their dreams & goals. The course increases teen literacy, builds resilience, and provides a platform for academic, and social-emotional growth. It also prepares students for both college and the workforce by providing authentic learning experiences that follow the experiential cycle of conceptual knowledge, application and reflection. K-12 College & Career Readiness Anchor Standards for English-Language Arts are introduced, developed and strengthened within the course, with specific 9-12th grade Performance Indicators outlined in each module within the curriculum map.

Small Group Instruction

Credits: 10 A-G: No

Experiential Learning

Credits: 10 A-G: No

Experiential Learning

Credits: 5 A-G: G

Experiential Learning

Credits: 10 A-G: No

Upcoming Courses

WORDS IGNITE A/B

Credit Type: Elective

Description: Get Lit- Words Ignite is an adopted college-preparatory elective course. It offers a deep dive into literacy that strengthens foundational skills through the use of classic poetry, response writing and performance. To fully develop students as readers, writers, and communicators, this course uses analysis, multi-genre writing and refined performance skills to help students synthesize and respond to poetic forms, universal themes, historical context and the effectiveness of literary devices. In this course, students will act as authors, performers and evaluators, to examine and apply how to share their story in a way that is engaging and impactful. This course uses classic poetry and response writing to create community that fosters self- confidence, identity, interpersonal skills, empathy, cultural activism and self- advocacy through the lens of literacy and public speaking. Instruction is delivered in a small-group, experiential instructional model, immersing students in hands-on, reflective learning to prepare them for college, career & community.

Course will be released Fall 2019/Spring 2020.

Small Group Instruction

Credits: 10 **A-G:** G

Enrichment Courses

CAST SCIENCE ENRICHMENT A/B

Credit Type: Elective

Description: The main purpose of the CAST Science Enrichment A/B course is to provide a brief overview of physical science, life science, and Earth/space science concepts. This course will be a hybrid of online and paper student coursework. The overarching ideas in Earth/space science include: the history of Earth, Earth's internal processes, plate tectonics, energy flow into and out of Earth's systems, climate, and human impacts on natural resources. The overarching ideas in physical science include: the motion of objects, momentum, effects of magnetic fields, wave behavior and characteristics, the periodic table, types of bonds, thermodynamics, and chemical reactions. The overarching ideas in life science include: photosynthesis, cellular respiration, mitosis, meiosis, genetics, evolution, and the interactions and energy exchanges between ecosystems.

ATTACK THE CAASPP

Credit Type: Elective

Description: Attack the CAASPP is a 5 credit course designed to support 11th grade students to prepare to test their best on the CAASPP exams. The course focuses on building three key capacities in student participants: procedural knowledge of the technological interface of the SBAC testing platform, including question types and embedded tools, conceptual knowledge of key ELA and Math standards and content, and mental and emotional perseverance through challenges and stress.

SBAC ENRICHMENT ENGLISH (2018)

Credit Type: Elective

Description: The Preparation for the English portion of the SBAC[®] was developed by aligning Plato Courseware with the strands and topics that are assessed on the SBAC[®] Test. Each credit aligns to several standards assessed within the SBAC[®] Test and the modules within each credit review the many individual concepts and skills assessed on the test. This course covers the review of text structures & techniques in fiction & non-fiction, examining purpose and reasoning, applying conventions of grammar, and identifying the writing process & writing essays. In this course, you will find a variety of lessons and activities to improve students' knowledge and skills in these areas.

SBAC ENRICHMENT MATH (2018)

Credit Type: Elective

Description: The Preparation for the Math portion of the SBAC[®] was developed by aligning Plato Courseware with the strands and topics that are assessed on the SBAC[®] Test. Each credit aligns to several standards assessed within the SBAC[®] Test and the modules within each credit review the many individual concepts and skills assessed on the test. This course covers the review of polynomials, equations, inequalities, linear equations, quadratics, functions, geometric modeling, probability and statistics. In this course, you will find a variety of lessons and activities to improve student's knowledge and skills in these areas.

Independent Study

Credits: 10 A-G: No

Independent Study

Credits: 5 A-G: No

Edmentum

Credits: 5 A-G: No

Edmentum

Credits: 5 A-G: No

Online Arts, Digital Media & Music

ART APPRECIATION

Credit Type: VAPA/Elective

Description: Art Appreciation goes over the history of Western visual arts, with a primary focus on painting. Explore art from a variety of periods and regions, including prehistoric, early Greek & Roman, the Middle Ages, the Renaissance, the US during the 20th century, as well as some art from Asia & the Americas. Meanwhile, you'll learn to critique and compare works of art.

CREATIVE WRITING

Credit Type: Elective

Description: Creative Writing focuses on the exploration of short fiction & poetry, culminating in a written portfolio that includes one revised short story and 3-5 poems. The elements of fiction writing that are explored in this course include attention to specific detail, observation, character development, setting, plot, and point of view. In the poetry units, students learn about the use of sensory details & imagery, figurative language, and sound devices including rhyme, rhythm, and alliteration.

MEDIA LITERACY

Credit Type: Elective

Description: Learn how to build the critical thinking, reading, and writing skills needed in today's media-rich world. Study how to approach, analyze, and respond to advertisements, blogs, websites, social media, news media, and wikis. Do you know what the underlying messages are, who's being targeted, and whether what you see is real or fake?

MUSIC APPRECIATION A/B

Credit Type: VAPA/Elective

Description: You may love music, but do you know how music has developed and changed over time? This course will introduce you to the history, theory, and genres of music. The A course covers primitive musical forms, classical music, and American jazz. The B course presents gospel, folk, soul, blues, Latin rhythms, rock & roll, and hip-hop.

Apex Credits: 5 A-G: G

A-G:F

Apex

Apex Credits: 5

Credits: 5 A-G: No

Apex

Credits: 10 A-G: F

Online Career & College Prep

CAREER EXPLORATIONS

Credit Type: CTE/Elective

Description: Not sure what you want to do after high school? Now's the time to start exploring! In this course, you'll learn about careers in a variety of areas, including science, technology, engineering, agriculture, business, finance, health, hospitality, human services, education, and public services. Main topics include: exploring career options, developing an academic & career plan, skills for college & career success, and entering the job market.

COLLEGE & CAREER PREPARATION 1/2

Credit Type: Elective

Description: Want to go to college, but don't know how to do it? This course covers how you get ready for college in high school and more, including information about the types of colleges out there, college requirements (including testing), and financial aid (how you pay for college). It also covers a wide variety of careers you may find yourself interested in!

Edmentum

Credits: 5 A-G: No

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Apex

Credits: 10 A-G: No

Online English

ENGLISH 9 A/B

Credit Type: English

Description: Begin your journey into high school English with this 9th grade English course. It provides an overview of key types of literature, such as short stories, poetry, fiction, and nonfiction. Edmentum course topics include: short stories, novels, poetry, Shakespeare (text: Romeo & Juliet), reading nonfiction, and argumentative & research writing. Apex course topics include: short stories, poetry, the novella (text: The Metamorphosis), drama (text: Macbeth), rhetoric of argument & speeches, and reinterpreting fiction (text: The War of the Worlds).

ENGLISH 9 A/B

Credit Type: English

Description: Our online English 9 course is an overview of exemplar selections of literature in fiction and nonfiction genres. Students read short stories, poems, a full-length novel, and a full-length Shakespeare play, analyzing the use of elements of literature in developing character, plot, and theme. For example, in selected stories, students compare the effect of setting on tone and character development. Likewise, in the poetry unit, students analyze how artists and writers draw from and interpret source material.

ENGLISH 10 A/B

Credit Type: English

Description: Ready to tackle 10th grade English? Edmentum course topics include: literary devices, informative nonfiction, stagecraft (texts: Antigone & Macbeth), genre & context in fiction (text: The Metamorphosis), creative nonfiction, and form & language in poetry. Apex course topics include: types of prose, story elements (text: American Born Chinese), literary criticism, research papers (text: Fast Food Nation), practical documents, persuasive texts, the speech, and researched argumentation.

ENGLISH 10 A/B

Credit Type: English

Description: English 10 continues to develop students' reading, listening, and speaking skills. Readings include poems, stories, speeches, plays, and a graphic novel, as well as a variety of informational texts. The readings represent a wide variety of purposes and cultural perspectives, ranging from the Indian epic The Ramayana to accounts of Hurricane Katrina told through different media. Audio and video presentations enhance students' awareness and command of rhetorical techniques and increase their understanding of writing for different audiences.

ENGLISH 11 A/B

Credit Type: English

Description: Gear up 11th grade English! Edmentum course topics include: American Literature through the 18th C, Romanticism, Realism & Naturalism, Modernism, Postmodernism, and Contemporary Literature. Apex course topics include: the American Revolution, Romanticism & Transcendentalism, the American narrative, the American Dream (text: The Great Gatsby), Modernism & language, redefining home (text: A Raisin in the Sun), fractured identities, and the influence of science & tech.

Edmentum

Credits: 10 A-G: B

Apex

Credits: 10 A-G: B

A-G:B

Apex

Edmentum

Credits: 10

Credits: 10 A-G: B

Edmentum

Credits: 10 A-G: B

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Online English

ENGLISH 11 A/B

Credit Type: English

Description: In our online English 11 course, students examine the belief systems, events, and literature that have shaped the United States. They begin by studying the language of independence and the system of government developed by Thomas Jefferson and other enlightened thinkers. Next, they explore how the Romantics and Transcendentalists emphasized the power and responsibility of the individual in both supporting and questioning the government. Students consider whether the American Dream is still achievable and examine the Modernists' disillusionment with the idea that America is a "land of opportunity."

ENGLISH 12 A/B

Credit Type: English

Description: This is your final high school English course, 12th grade English. Edmentum course topics include: Anglo Saxon & Medieval periods, the English Renaissance (texts: Hamlet, Twelfth Night), Neoclassicism, Romantic Era (text: Frankenstein, Pride & Prejudice), Victorian Era (texts: Wuthering Heights, The Importance of Being Earnest), and the Modern Era (texts: The Time Machine, Mein Kampf). Apex course topics include: monsters & heroes, sins & crimes (text: Dante's Inferno), Shakespeare (text: The Tempest), Swift & Defoe (text: Robinson Crusoe), Frankenstein (text: Frankenstein), World War II, colonizers & the colonized, and Life of Pi (text: Life of Pi).

ENGLISH 12 A/B

Credit Type: English

Description: The our online English 12 course asks students to closely analyze British literature and world literature and consider how we humans define and interact with the unknown, the monstrous, and the heroic. In the epic poems The Odyssey, Beowulf, and The Inferno, in Shakespeare's Tempest, in the satire of Swift, and in the rhetoric of World War II, students examine how the ideas of "heroic" and "monstrous" have been defined across cultures and time periods and how the treatment of the "other" can make monsters or heroes of us all.

AP ENGLISH LANGUAGE AND COMPOSITION A/B

Credit Type: English

Description: Ready for a challenge? This course is the equivalent of an introductory college course and prepares students for the AP English Language exam. Explore a variety of textual forms, styles, and genres while working on expository & narrative writing skills. Texts include: Into the Wild, The Great Gatsby, The Grapes of Wrath, A Raisin in the Sun, The Way to Rainy Mountain, and The Things They Carried.

READING SKILLS & STRATEGIES A/B

Credit Type: Elective

Description: Do you find reading difficult? This course will help you improve your reading comprehension, vocabulary, study skills, and media literacy. Topics include: the purposes of reading, strategies for understanding & remembering new vocabulary, effective study & test-taking strategies, recognize & evaluate persuasive techniques, and the effects of media.

Apex

Edmentum

Credits: 10

Credits: 10 **A-G:** B

Apex

Credits: 10 **A-G:** B

A-G:B

Apex

Apex

Credits: 10

Credits: 10 A-G: B

A-G: No

Online English

WRITING SKILLS & STRATEGIES A/B

Credit Type: Elective

Description: Does writing an essay stress you out? Take some time to study the art of writing to improve your skills and make you a more comfortable and confident writer. The course takes you through the writing process, sentence and paragraph essentials, as well as practice composing. Throughout the course, there are opportunities to practice writing, build grammar skills, learn about diction & style, and explore media.

Apex Credits: 10 A-G: No

Online Health & Medicine

HEALTH

Credit Type: Health

Description: In this course, develop the knowledge, attitudes, and essential skills for a variety of health-related subjects, including mental & emotional health, social health, nutrition, physical fitness, substance use & abuse, disease prevention & treatment, and injury prevention & safety. You'll apply the health skills you learn through several projects along the way. This course is similar to Edmentum's Health A/B course.

HEALTH A/B

Credit Type: Health

Description: Learn key health concepts, so you can make healthier choices in your own life! Topics in the A course include: lifestyle & health, nutrition, preventing disease & accidents, reproduction & development, and drugs & supplements. The B course covers: substances, mental health, communication, and health services. This course is similar to Apex's Health course.

PHYSICAL EDUCATION

Credit Type: Physical Education

Description: This course promotes the value of physical fitness and will encourage you to participate in physical activities throughout your life. Specific areas of study include: cardiovascular exercise & care, safe exercising, building muscle strength & endurance, injury prevention, fitness skills and FITT benchmarks, goal setting, nutrition & diet (vitamins & minerals, food labels, & evaluation product claims), and stress management. Successful completion of this course will require parent/guardian sign-off on student-selected physical activities.

PSYCHOLOGY

Credit Type: Elective

Description: Have you always been fascinated with people? Do you wonder why people behave the way they do? Psychology is the study of the mind and behavior. It also happens to be the most popular college major! In this course, you'll learn about: psychology as a science, the brain & the body, thinking, feelings, consciousness, development throughout life, social psychology, mental illness, and disorders & wellness. You'll also get an overview of Psychology's major domains: methods, biopsychology, cognitive & developmental psychology, and variations in individual & group behavior.

Edmentum

Apex

Credits: 5

Credits: 10 A-G:No

A-G:No

A-G: No

Apex Credits: 5

Apex

Credits: 5 A-G:G

Online History & Culture

US HISTORY A/B

Credit Type: US History

Description: Study how America has developed over the centuries. Edmentum course topics include: foundation of the US, a union in crisis, the rise of a modern nation, from war to recovery, WWII, a time of upheaval, the Reagan Era through today, and social studies concepts. The Apex course focuses on US History since the Civil War, including these topics: the US as an industrial nation, the Reconstruction, WWI, WWII, the Cold War, and the "information revolution."

US HISTORY SINCE THE CIVIL WAR A/B

Credit Type: US History

Description: Students evaluate the attempts to bind the nation together during Reconstruction while also exploring the growth of an industrial economy. Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the "information revolution" affected the lives of ordinary Americans. Woven through this chronological sequence is a strong focus on the changing conditions of women, African Americans, and other minority groups.

AP US HISTORY A/B

Credit Type: Elective

Description: Ready to take on a challenge? This course is the equivalent of a college-level course, and it can help you prepare for the AP US History exam, which can count as college credit! In this course, examine historical themes and thinking skills to connect people, places, events, and ideas to larger trends in US History. You'll learn to reason chronologically, interpret sources, and construct well-supported historical arguments. This course would be taken instead of regular US History A/B.

WORLD HISTORY A/B

Credit Type: World History

Description: Today's world is just a product of the history that has come before. Learn about that history, and you can better understand the modern world. Edmentum course topics include: historical thinking skills, European exploration, the Renaissance & the Reformation, the Age of Revolution, industry & nationalism, Imperialism & WWI, WWII, Communism & the Cold War, a changing globe, and the contemporary world. The Apex course focuses on World History since the Renaissance, including these topics: Europe under the Ancien Regime, the Age of Revolution, industrialization, Imperialism, WWI, WWII, and modern history post-WWII around the world.

WORLD HISTORY A/B

Credit Type: World History

Description: In our online World History course, students learn to see the world today as a product of a process that began thousands of years ago when humans became a speaking, traveling, and trading species. Through historical analysis grounded in primary sources, case studies, and research, students investigate the continuity and change of human culture, governments, economic systems, and social structures.

Edmentum

Credits: 10 A-G: A

Apex

Credits: 10 A-G: A

Apex

Credits: 10 A-G: A

Edmentum

Credits: 10 A-G: A

Apex

Credits: 10 A-G: A

2019-2020 Learn4Life Course Catalog

Online History & Culture

AMERICAN GOVERNMENT

Credit Type: Civics

Description: Ever wonder how the US government works, and how you can make change happen? Learn all this and more in this course! Edmentum's US Government course covers: foundations of US Democracy, branches & levels of government, civil rights, citizenship, civic participation, and foreign & domestic policy. Apex's American Government course goes over: origins of government, the U.S. Constitution, branches of government, liberties & rights, elections, foreign & domestic policy, and the role of citizens.

U.S. GOVERNMENT AND POLITICS CORE

Credit Type: Civics

Description: In U.S. Government and Politics, students examine the history, principles, and function of the political system established by the U.S. Constitution. Starting with a basic introduction to the role of government in society and the philosophies at the heart of American democracy, this course provides students with the knowledge needed to be informed and empowered participants in the U.S. political system.

ECONOMICS

Credit Type: Economics

Description: In Economics, you'll study how goods and services are exchanged around the world. Edmentum course topics include: scarcity & opportunity cost, market economies, supply & demand, production curves, free market & businesses, government, and regulations. Apex course topics include: supply & demand, economic theories & philosophies, theories of value, the concept of money, banks, the Federal Reserve, Keynesian economics, capitalism, unemployment, and a survey of markets around the world.

UNITED STATES AND GLOBAL ECONOMICS

Credit Type: Economics

Description: The course covers fundamental properties of economics, including an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; the concept of money and how it evolved; the role of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflations, and the national debt; and a survey of markets in areas such as China, Europe, and the Middle East.

GEOGRAPHY & WORLD CULTURES

Credit Type: Elective

Description: Explore how geographic features, human relationships, political & social structures, economics, science & technology, and the arts have developed and influenced life in countries around the world. Along the way, students learn how to read maps, charts, and graphs, as well as how to create them. This course is very similar to Edmentum's World Geography A/B course.

Edmentum

Apex Credits: 5

Edmentum Credits: 5

A-G:A

A-G:A

Credits: 5 A-G: G

Apex

Credits: 5 A-G: G

Apex

Credits: 5 A-G: G

Online History & Culture

WORLD GEOGRAPHY A/B

Credit Type: Elective

Description: Have you always wanted to travel the world? Why not spend some time learning about the peoples and lands around Earth by studying Geography? Topics include: climate & weather, physical geography, people & geography, North America, South America, Europe, Asia, Africa, the Pacific World, and Antarctica. This course is very similar to Apex's Geography & World Cultures course.

MULTICULTURAL STUDIES

Credit Type: Elective

Description: The United States is a country of many cultures, which can sometimes lead to issues. Why are people so divided over race, and how can we come together? In this course, study how race, culture, ethnicity, and identity contribute to your life experiences. Other major topics include: identity, immigration, assimilation and distinctiveness, power & oppression, struggles for rights, regionalism, culture & the media, and the formation of new cultures.

SOCIOLOGY

Credit Type: Elective

Description: Sociology examines why people think and behave as they do in relationships, groups, institutions, and societies. Sociology is like Psychology, but it's focused on groups, rather than the individual. Major course topics include individual and group identity, social structures and institutions, social change, social stratification, social dynamics in recent and current events, the effects of social change on individuals, and the research methods used by social scientists.

Edmentum

Credits: 10 **A-G:** G

A-G:G

Apex

Apex Credits: 5

Credits: 5 A-G: G

ALGEBRA READINESS A/B

Credit Type: Mathematics

Description: Have you struggled with Algebra in the past, or perhaps you just don't feel confident jumping into Algebra? Algebra Readiness will help you get ready for Algebra 1 by reviewing middle school math. Course topics include: the number system, ratios & proportional relationships, expressions & equations, visualizing numbers, linear equations, systems of equations, functions, scientific notation, roots, and statistics & probability.

ALGEBRA 1 A/B

Credit Type: Algebra

Description: Learn the basics of Algebra and satisfy your Algebra requirement with this course. Edmentum course topics include: expressions, equations, inequalities, systems of equations, functions, exponents & polynomials, factoring polynomials, quadratic equations, and making conclusions from data. Apex course topics include: equations, inequalities, functions, exponents, sequences, polynomials, quadratic equations, data and statistics.

ALGEBRA 1 A/B

Credit Type: Algebra

Description: Course topics include problem-solving with basic equations and formulas; an introduction to functions and problem solving; linear equations and systems of linear equations; exponents and exponential functions; sequences and functions; descriptive statistics; polynomials and factoring; quadratic equations and functions; and function transformations and inverses.

ALGEBRA 2 A/B

Credit Type: Algebra

Description: Take Algebra 1 to the next level with Algebra 2! Edmentum course topics include: polynomial, rational, & radical relationships, complex numbers, polynomial functions, geometric sums, trigonometric functions, modeling with functions, graphing with functions, and making conclusions from data. Apex course topics include: expressions, equations, inequalities, quadratic & polynomial functions, rational & radical expressions & functions, statistical analysis, and trigonometry.

ALGEBRA 2 A/B

Credit Type: Algebra

Description: Course topics include quadratic equations; polynomial functions; rational expressions and equations; radical expressions and equations; exponential and logarithmic functions; trigonometric identities and functions; modeling with functions; probability and inferential statistics; probability distributions; and sample distributions and confidence intervals.

Edmentum

Edmentum

Credits: 5

Credits: 10 A-G: No

A-G:C

Apex

Credits: 5 A-G: C

Edmentum

Credits: 10 A-G: C

Apex

Credits: 10 **A-G:** C

GEOMETRY A/B

Credit Type: Math

Description: Hated Algebra? Many students who don't like Algebra end up loving Geometry, since it's much more visual. Geometry is all about shapes! Edmentum course topics include: transformations, congruence, proofs, constructions, similarity, trigonometry & geometric modeling, 3D shapes, algebra & geometry connections, circles, and probability. Apex course topics include: triangles, trigonometry, quadrilaterals & polygons, circles, conic sections, constructions, transformations, 3D solids, and probability.

GEOMETRY A/B

Credit Type: Math

Description: Course topics include reasoning, proof, and the creation of sound mathematical arguments; points, lines, and angles; triangles and trigonometry; quadrilaterals and other polygons; circles; congruence, similarity, transformations, and constructions; coordinate geometry; three-dimensional solids; and applications of probability.

PRE-CALCULUS A/B

Credit Type: Math

Description: Do you still enjoy math after finishing Algebra 1/2 and Geometry? PreCalculus is the next step up the math totem pole! Edmentum course topics include: functions, trigonometric functions, vectors, complex numbers, conic sections, matrices, sequence, induction, probability, and limits. Apex course topics include: functions, trigonometric functions, trigonometric functions, vectors, complex numbers, conic sections, matrices, sequences, probability, and limits.

PRE-CALCULUS A/B

Credit Type: Math

Description: Our online Precalculus course is a course that combines reviews of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. The first semester includes linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers.

PROBABILITY & STATISTICS

Credit Type: Math

Description: How likely is something to happen? That's what probability and statistics are all about. Edmentum course topics include: representing, interpreting, & relating data, independent & conditional probability, applying probability, making inferences & conclusions, and using probability to make decisions. Apex course topics include: representing & interpreting data, independent & conditional probability, applying probability, making inferences & conclusions, and using probability, applying probability, making inferences & conclusions, and using probability to make decisions.

Edmentum

Credits: 10 A-G: C

A-G:C

A-G:C

Credits: 10

Apex

Edmentum Credits: 10

Apex

Credits: 10 A-G: C

Edmentum

Credits: 5 A-G: C

PROBABILITY & STATISTICS

Credit Type: Math

Description: Course topics include types of data; common methods used to collect data; and the various representations of data, including histograms, bar graphs, box plots, and scatterplots. Students learn to work with data by analyzing and employing methods of prediction, specifically involving samples and populations, distributions, summary statistics, regression analysis, transformations, simulations, and inference.

INTEGRATED MATHEMATICS 1 A/B

Credit Type: Algebra

Description: Develop a deep understanding of math with different types of math interwoven into one course. Semester A focuses on the study of single-variable expressions to systems of equations, while Semester B covers functions, advanced functions, and concludes with a practical look at the uses of geometry and trigonometry.

INTEGRATED MATHEMATICS 2 A/B

Credit Type: Algebra

Description: Dive deeper into Integrated Mathematics with this second-level course. Topics covered include: exponents, polynomials & factoring, quadratic equations, complex numbers, graphing functions, properties of functions, congruence, similarity, proof, trigonometry, coordinate geometry, 3D shapes, circles, and probability.

INTEGRATED MATHEMATICS 3 A/B

Credit Type: Algebra

Description: Finish off Integrated Mathematics by taking this final course. Semester A takes you through polynomial & rational expressions, equations & functions, and trigonometric functions. Semester B begins with the derivation of the trigonometric formula for the area of a triangle, proceeds through the use of functions, and on to developing the critical thinking skills necessary to make logical and meaningful inferences from data.

MATHEMATICS COMMON CORE 1 A/B

Credit Type: Algebra

Description: Apex's Mathematics Common Core courses combine Algebra & Geometry together in one streamlined course series. You'll learn through discovery and application, developing the skills you need to break down complex challenges and demonstrate your knowledge in new situations. Course topics include: relationships between quantities, linear & exponential relationships, reasoning with equations, descriptive statistics, congruence, proof, constructions, and connecting algebra & geometry through coordinates.

Apex Credits: 5 A-G: C

Edmentum Credits: 10

A-G:C

A-G:C

Edmentum Credits: 10

Edmentum

Credits: 10 A-G: C

Apex

Credits: 10 A-G: C

MATHEMATICS COMMON CORE 2 A/B

Credit Type: Algebra

Description: This course will extend your geometric knowledge and introduces you to quadratic expressions, equations, and functions, exploring the relationship between these and their linear & exponential counterparts. Course topics include: extending the number system, quadratic functions & modeling, expressions & equations, applications of probability, similarity, right-triangle trigonometry, proof, & circles with and without coordinates.

MATHEMATICS COMMON CORE 3 A/B

Credit Type: Algebra

Description: This course incorporates advanced functions, trigonometry, and probability & statistics as you learn to synthesize your prior knowledge to solve increasingly challenging problems. Course topics include: formulating inferences & conclusions from data, polynomial, rational, & radical relationships, trigonometry of general triangles & trigonometric functions, and mathematical modeling.

Apex

Credits: 10 A-G: C

Apex

Credits: 10 A-G: C

Online Science

BIOLOGY A/B

Credit Type: Science

Description: Biology is the study of life. Learn about genetics and evolution, cell structure, and the diversity of life on Earth. Edmentum course topics include: the nature of life, the chemistry of the cell, cell structures & functions, genetics, evolution, diversity of life, plant & animal structure, and ecology. Apex course topics include: the chemistry of biology, cells, energy transfer, earth's resources, DNA, ecosystems, evolution, and human biology.

BIOLOGY A/B

Credit Type: Science

Description: The course begins with an introduction to the nature of science and biology, including the major themes of structure and function, matter and energy flow, systems, and the interconnectedness of life. Students then apply those themes to the structure and function of the cell, cellular metabolism, and biogeochemical cycles. Building on this foundation, students explore the connections and interactions between living things by studying genetics, ecosystems and natural selection, and evolution. The course ends with an applied look at human biology.

CHEMISTRY A/B

Credit Type: Science

Description: In this course, learn about the itty-bitty pieces of matter than make up everything in the universe! Edmentum course topics include: matter & atomic structure, the Periodic Table, bonding, mole concept, kinetic molecular theory, gas laws, solutions, reaction rates, acids & bases, energy, and nuclear chemistry & biochemistry. Apex course topics include: atomic structure, bonding, chemical reactions, energy in matter, equilibrium, kinetics, transferring energy, and quantum & nuclear chemistry.

CHEMISTRY A/B

Credit Type: Science

Description: The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, the importance of chemistry to society, atomic structure, bonding in matter, chemical reactions, redox reactions, electrochemistry, phases of matter, equilibrium and kinetics, acids and bases, thermodynamics, quantum mechanics, nuclear reactions, organic chemistry, and alternative energy.

EARTH & SPACE SCIENCE A/B

Credit Type: Science

Description: In this course, learn about the itty-bitty pieces of matter than make up everything in the universe! Edmentum course topics include: matter & atomic structure, the Periodic Table, bonding, mole concept, kinetic molecular theory, gas laws, solutions, reaction rates, acids & bases, energy, and nuclear chemistry & biochemistry. Apex course topics include: atomic structure, bonding, chemical reactions, energy in matter, equilibrium, kinetics, transferring energy, and quantum & nuclear chemistry.

Edmentum

Credits: 10 A-G: D

Apex

Credits: 10 A-G: D

Credits: 10

Edmentum

Apex

Credits: 10 A-G: No

A-G:D

Edmentum

Credits: 10 A-G: No

Online Science

EARTH SCIENCE A/B

Credit Type: Science

Description: Earth Science explores the Earth's composition, structure, processes, and history, as well as its atmosphere, freshwater, and oceans. Topics include an exploration of the major cycles that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geological history, Earth's environment, sustainability, and energy resources.

PHYSICAL SCIENCE A/B

Credit Type: Science

Description: This course focuses on the understanding of physical science concepts, including the nature and structure of matter, the characteristics of energy, and the mastery of scientific skills. Topics include: an introduction to kinematics, gravity & two-dimensional motion, force, momentum, waves, electricity, atoms, the Periodic Table of Elements, molecular bonding, chemical reactivity, gases, and an introduction to nuclear energy.

PHYSICS A/B

Credit Type: Science

Description: Why is the sky blue? Why do black holes exist? Why does everything fall at the same speed? Physics is all about the why; it's the study of motion, energy, and force. You'll learn about: the nature of science, math for physics, energy, kinematics, force & motion, momentum, gravitation, chemistry for physics, thermodynamics, electricity, magnetism, waves, nuclear physics, quantum physics, and cosmology.

PHYSICS A/B

Credit Type: Science

Description: The course provides students with opportunities to learn and practice critical scientific skills within the context of relevant scientific questions. Topics include the nature of science, math for physics, energy, kinematics, force and motion, momentum, gravitation, chemistry for physics, thermodynamics, electricity, magnetism, waves, nuclear physics, quantum physics, and cosmology.

Apex

Apex

Credits: 10

Credits: 10 A-G: No

A-G:D

Edmentum

Credits: 10 A-G: D

Apex

Credits: 10 A-G: D

Online Test Prep

GED PREPARATIONS RLA (READING LANGUAGE ARTS)

Credit Type: Elective Credits: 5 A-G:No Description: This course is focused on the RLA section of the GED. By taking this course, you can improve your chances of passing the RLA section.

GED PREPARATIONS MATH	Edmentum	
Credit Type: Elective	Credits: 5	A-G: No
Description: Struggle with math? Take this course to help you prepare for the math section of the GED.		
GED PREPARATIONS SCIENCE	Edmentum	
Credit Type: Elective	Credits: 5	A-G: No
Description: Is science your weakness area? Take this course to help you prepare for the science section of the GED test.		
GED PREPARATIONS SOCIAL SCIENCE	Edmentum	

Credit Type: Elective Description: Not very strong in history and the social sciences? This course will help you prepare for the social science section of the GED.

Edmentum

Credits: 5

Edmentum

A-G:No

Online Foreign Language

FRENCH 1 A/B

Credit Type: Foreign Language

Description: Want to learn the language of love? This course will introduce you to French, which is considered one of the most romantic languages in the world! The A portion of this course covers: introductions, who you are, friends & family, the home, vehicles, and socializing. The B section of the course goes over: the community, clothing, seasons, weather, the arts, health, and travel.

FRENCH 2 A/B

Credit Type: Foreign Language

Description: Did you enjoy French 1 and want to learn more? French 2 is second year French. You can take this course once you complete French 1 A & B. This course covers: back to school, lifestyles, relationships, managing life, types of food, services, traveling, leisure time, healthy living, and vacationing.

SPANISH 1 A/B

Credit Type: Foreign Language

Description: Ready to learn the basics of Spanish? This beginner course will get you started. Edmentum course topics include: introductions, who you are, friends & family, at home, the social world, around the community, clothing, seasons, weather, arts, health, and travel. Apex course topics include: introductions, calendar, how you feel & where you are, colors, clothing, culture, culinary arts, working out, playing, partying, daily life, the body, and travel.

SPANISH 1 A/B

Credit Type: Foreign Language

Description: Our online Spanish I course teaches students to greet people, describe family and friends, talk about hobbies, and communicate about other topics, such as home life, occupations, travel, and medicine. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Vocabulary includes terms to describe school subjects, parts of the body, and people, as well as idiomatic phrases. Instruction in language structure and grammar includes the structures and uses of present-tense verb forms, imperatives, adjective agreement, impersonal constructions, formal and informal address, and reflexive verbs. Students explore words used in different Spanish-speaking regions and learn about the cultures of Spanish-speaking countries and regions within and outside Europe.

SPANISH 2 A/B

Credit Type: Foreign Language

Description: Spanish 2 takes you through the second level of Spanish, building on what you've learned in Spanish 1 A/B. Edmentum course topics include: back to school, lifestyles, relationships, managing life, cuisine, around town, traveling, leisure time, healthy living, and on the road. Apex course topics include: media & entertainment, getting out & staying in, who, what, when, where, why, cultures, eat & drink, travel, and festivals.

Edmentum

Credits: 10 **A-G:** E

A-G: E

Credits: 10 You can tal

Edmentum

Edmentum

Credits: 10 A-G: E

Apex

Credits: 10 **A-G:** E

Edmentum

Credits: 10 A-G: E

Online Foreign Language

SPANISH 2 A/B

Credit Type: Foreign Language

Description: Building on Spanish I concepts, our online Spanish II course students learn to communicate more confidently about themselves, as well as about topics beyond their own lives – both in formal and informal situations. Each lesson presents vocabulary, grammar, and culture in context, followed by explanations and exercises. Students expand their vocabulary in topics such as cooking, ecology, geography, and architecture. Instruction in language structure and grammar includes a review of present-tense verb forms, an introduction to the past tense, the conditional mood, imperatives, impersonal constructions, and reported speech. Students deepen their knowledge of Spanish-speaking regions and cultures by learning about history, literature, culture, and contemporary issues

SPANISH 3 A/B

Credit Type: Foreign Language

Description: In Spanish 3, you'll build upon the skills and knowledge you've already acquired in Spanish 1 & 2. Edmentum course topics include: past & future tenses, arts & literature, social & environmental problems, journalism, cultures, home, community, and the world. Apex course topics include: review, art & the media, environment, urbanization, emergencies, performing arts, self-awareness, jobs, volunteering, and dreams.

SPANISH 3 A/B

Credit Type: Foreign Language

Description: In our online Spanish III course, students build upon the skills and knowledge they acquired in Spanish I and II. The course presents new vocabulary and grammatical concepts in context while providing students with ample opportunities to review and expand upon the material they have learned previously.

Edmentum

Apex

Credits: 10

Credits: 10 **A-G:** E

A-G: E

Apex

Credits: 10 A-G: E