

Compass: 2024 - 2025 Course Descriptions

English

English Language Arts

6th Grade Language Arts

Length of course: Year

Credit: .25 per quarter

Grade 6

In this engaging course, students will read and analyze a variety of texts, including novels, short stories, poems, plays, and informational texts, focusing on comprehension through literary analysis. With a commitment to Diversity, Equity, and Inclusion (DEI), students will explore themes of identity, community, and activism, encouraging critical thinking about their roles in the world. Guided discussions will help them connect with diverse voices and understand how literature can inspire change. Writers will focus on four types of writing: response to literature, argument, narrative, and informational/explanatory. They are encouraged to take risks, develop their writing identity, and embrace the writing process through deep thinking and revisions. Collaboration is key in this course. Students will share ideas and listen actively, fostering a respectful environment that values diverse perspectives. They will learn effective collaboration skills, including active listening and thoughtful questioning, contributing to group objectives. Through this collaborative approach, students will enhance their literary and writing skills while fostering a sense of community and understanding the importance of advocacy.

7th Grade Language Arts

Length of course: Year

Credit: .25 per quarter

Grade 7

In this engaging course, students will read and analyze a variety of texts, including novels, short stories, poems, plays, and informational texts, focusing on comprehension through literary analysis. The curriculum highlights themes of Diversity, Equity, and Inclusion (DEI), allowing students to examine how identity shapes narratives and community experiences. Students will engage in various writing modes, including narrative, argumentative analysis, and informational articles, while also reflecting on social issues and activism to empower their voices. Listening and speaking skills will be developed through collaborative discussions. Students will continue building their skills using frequent teacher feedback. Studying language and grammar to strengthen their reading, writing, speaking, and listening skills—equipping them to articulate their ideas clearly and critically in an increasingly diverse world.

8th Grade Language Arts

Length of course: Year

Credit: .25 per quarter

Grade 8

In 8th grade, students will engage with a wide variety of texts to enhance their critical thinking skills. The curriculum includes independent reading, writing, analysis, and problem-solving activities that challenge students to think deeply about the material. Students will explore themes of Diversity, Equity, and Inclusion (DEI), investigating how identity and community shape perspectives and narratives. They will have opportunities to engage with diverse voices and viewpoints, examining issues related to social justice and activism. Throughout the course, students will develop questioning and research strategies that assist them in organizing and presenting information in oral, visual, and written formats.

Collaborative projects will encourage them to work together in addressing real-world issues, fostering a sense of community and responsibility. The primary goals of the course are to foster independent learning, encourage in-depth exploration of the content, and build the skills necessary for a smooth transition to high school. By the end of the year, students will not only be prepared for the academic challenges ahead but also equipped with the awareness and tools to be active, informed citizens.

Intro to Literature 115

(English 9, English 10, English 11, English 12)

Length of course: Year

Credit: .25 per quarter

Grade 9-12

Introduction to Literature is a differentiated course designed for students in 9th, 10th, 11th, and 12th grade English Language Arts. This course emphasizes the close reading of both classic literary canon and contemporary literature, encompassing a range of genres such as fiction, nonfiction, plays, poetry, informational texts, narratives, and novels. Focusing on the central theme of literacy, students will explore how literacy is represented and constructed within various texts. Through detailed reading and interpretation, learners will engage deeply with literary devices, examining their roles in shaping textual meaning. Key components of the course include:

Literary Analysis: Students will study and practice essential elements of effective literary analysis, developing skills to articulate their interpretations clearly.

Close Reading: Emphasis will be placed on close reading techniques, allowing students to uncover layers of meaning and understand the intricacies of language and style.

Societal Reflection: The course will encourage students to examine the role of literacy and literature in society, fostering an understanding of how these texts reflect and illuminate human experiences.

Students will develop a nuanced understanding of literature's impact on society and their own lives, equipping them with critical thinking and analytical skills that will serve them throughout their academic journey and beyond. Students will participate in a variety of analytical, argumentative, and informational writing.

Practical English (English 9, English 10, English 11, English 12)

Length of course: Year

Credit: .25 per quarter

Grade 9-12

Introduction to Literature is a differentiated course designed for students in 9th, 10th, 11th, and 12th grade English Language Arts. This course emphasizes the close reading of both classic literary canon and contemporary literature, encompassing a diverse range of genres such as fiction, nonfiction, plays, poetry, informational texts, narratives, and novels.

Focusing on the central theme of literacy, students will explore how literacy is represented and constructed within various texts. Through guided reading and interpretation, learners will engage with literary devices, examining their roles in shaping textual meaning in a supportive environment. Key components of the course include:

Literary Analysis: Students will study and practice foundational elements of effective literary analysis, developing skills to articulate their interpretations clearly and confidently.

Close Reading: Emphasis will be placed on close reading techniques, allowing students to uncover layers of meaning and understand the intricacies of language and style in a manageable way.

Societal Reflection: The course will encourage students to examine the role of literacy and literature in society, fostering an understanding of how these texts reflect and illuminate human experiences. In addition to these components, students will participate in a variety of analytical, argumentative, and informational writing assignments that will help them express their ideas and insights effectively.

Throughout this course, students will develop a deeper understanding of literature's impact on society and their lives, equipping them with critical thinking and analytical skills that will support their continued academic growth and success.

Multicultural Literature (English 9, English 10, English 11, English 12)

Length of course: Year

Credit: .25 per quarter

Grade 9-12

Multicultural Literature is a differentiated course designed for students in 9th, 10th, 11th, and 12th grade English Language Arts. This course focuses on exploring the diverse narratives and experiences of various cultural communities, including African and Black communities, Mexican American, Asian American, and Urban Native American communities. Through the study of a rich selection of texts from these cultures, students will examine how literature reflects the complexities of identity, heritage, and social issues. The course aims to foster an appreciation for multicultural perspectives and promote understanding of the unique challenges and contributions of these communities. Key components of the course include: **Cultural Analysis:** Students will engage in the analysis of literary works, exploring themes of identity, resilience, and cultural heritage while developing their ability to articulate their interpretations clearly.

Literary Devices: Emphasis will be placed on identifying and understanding literary devices and techniques used by authors to convey cultural narratives and enhance meaning.

Social Reflection: The course will encourage students to reflect on the role of literature in shaping societal perceptions and understanding of different cultures, fostering empathy and awareness of multicultural experiences. Students will also participate in a variety of analytical, argumentative, and informational writing assignments that will help them express their insights and engage thoughtfully with the texts. Throughout the course, students will develop a deeper understanding of the cultural landscapes represented in literature, equipping them with critical thinking skills and a greater appreciation for the diverse voices that enrich our literary heritage.

Social Studies

6th Grade Social Studies

Length of course: Year

Credit: .25 per quarter

Grade 6

Students will explore the diverse history and cultures of the Western Hemisphere. By analyzing and interpreting both primary and secondary sources, students will develop skills to ask insightful historical questions and conduct research. The course will cover significant historical eras, key figures, influential groups, and major ideas within various regions, emphasizing how these elements have shaped and influenced each other. Through engaging activities and discussions, students will gain a comprehensive understanding of the Western Hemisphere's past and its impact on the present.

7th Grade Social Studies

Length of course: Year

Credit: .25 per quarter

Grade 7

Students will explore the diverse history and cultures of the Eastern Hemisphere. By analyzing and interpreting both primary and secondary sources, students will develop skills to ask insightful historical questions and conduct research. The course will cover significant historical eras, key figures, influential groups, and major ideas within various regions, emphasizing how these elements have shaped and influenced each other. Through engaging activities and discussions, students will gain a comprehensive understanding of the Eastern Hemisphere's past and its impact on the present.

8th Grade Social Studies

Length of course: Year

Credit: .25 per quarter

Grade 8

This course explores the history of the United States from beginnings through Reconstruction. Students will engage with the historical method of inquiry to critically analyze primary and secondary sources, understand key historical concepts, and develop arguments based on textual evidence. By examining continuity and change, cause and effect, and other significant ideas, students will gain a comprehensive understanding of the dynamic and multifaceted history of the United States.

World History

Length of course: Year

Credit: .25 per quarter

Grade 9-12

This course provides a comprehensive exploration of global history from the Renaissance to the present. Students will engage in the historical method of inquiry to formulate questions, evaluate sources, and develop arguments based on textual evidence. Through examining key historical concepts, including continuity and change, cause and effect, complexity, unity and diversity, students will gain a nuanced understanding of significant global events, movements, and transformations.

U.S. History

Length of course: Year

Credit: .25 per quarter

Grade 9-12

This course explores the history of the United States from Reconstruction through contemporary times. Students will engage with the historical method of inquiry to critically analyze primary and secondary sources, understand key historical concepts, and develop arguments based on textual evidence. By examining continuity and change, cause and effect, and other significant ideas, students will gain a comprehensive understanding of the dynamic and multifaceted history of the United States.

Government

Length of course: Semester

Credit: .25 per quarter

Grade 9-12

This course provides a comprehensive exploration of government, focusing on the structures, functions, and roles of government at local, state, and national levels. Students will use the historical method of inquiry to engage with primary and secondary sources, formulate positions on various issues, and participate in civil society. Emphasis will be placed on understanding the purposes, roles, and limitations of government, as well as evaluating political institutions that connect people to government.

Math

6th Grade Math

Length of course: Year

Credit: .25 per quarter

Grade 6

Through Open Up Resources, students will continue to explore rational numbers and algebraic reasoning as they manage more complex math concepts, which is a problem-solving based curriculum that will focus on developing knowledge of proportional relationships, operations with rational numbers, working with expressions and linear equations, and solving problems involving geometric ideas of scale, area, surface area, and volume.

7th Grade Math

Length of course: Year

Credit: .25 per quarter

Grade 7

Through Open Up Resources, students will continue to explore rational numbers and algebraic reasoning as they manage more complex math concepts, which is a problem-solving based curriculum that will focus on developing knowledge of proportional relationships, operations with rational numbers, working with expressions and linear equations, and solving problems involving geometric ideas of scale, area, surface area, and volume.

8th Grade Math

Length of course: Year

Credit: .25 per quarter

Grade 8

Through Open Up Resources, students use a problem-solving based curriculum to develop their foundation to algebra with the learning of linear functions. Content will focus on solving linear equations and systems of linear equations, developing an understanding of the concept of a function,

Algebra 1

Length of course: Year

Credit: .25 per quarter

Grade 9-12

Through Open Up Resources, students will build upon their middle school experience with functions, concentrating on linear and exponential functions, solving systems of equation and inequalities, and analyzing data

Geometry

Length of course: Year

Credit: .25 per quarter

Grade 9-12

Students will concentrate on plane geometry and properties of polygons, notably right triangles, and circles. In addition to learning construction processes, students will work extensively with irrational numbers via square and cube roots at times with the assistance of calculators.

Practical Math

Length of course: Year

Credit: .25 per quarter

Grade 9-12

Students will be introduced to real world applied mathematics topics including mortgage payments, car loans, gaming probabilities, utility billing, and managing basic science calculations like heat and force

Science

6th Grade Science

Length of course: Year

Credit: .25 per quarter

Grade 6

Throughout the school year students will be studying:

Light & Matter, Thermal Energy, Weather, Climate & Water Cycling, Plate Tectonics & Rock Cycling, Natural hazards, Cells & Development.

Students will be participating in small group activities, lab investigations, classroom discussions, Projects and research.

7th Grade Science

Length of course: Year

Credit: .25 per quarter

Grade 7

Throughout the school year students will be studying: Chemical Reactions & Matter Transformations, Energy in Chemical Reactions, Metabolic Reactions, Matter Cycling & Photosynthesis, Ecosystem Dynamics & Biodiversity, Natural Resources & Human Impact. Students will be participating in small group activities, lab investigations, classroom discussions, Projects and research.

8th Grade Science

Length of course: Year

Credit: .25 per quarter

Grade 8

Throughout the school year students will be studying: Contact Forces, Sound Waves, Forces at a Distance, Earth in Space, Genetics, Natural Selection & Common Ancestry. Students will be participating in small group activities, lab investigations, classroom discussions, Projects and research.

Physical Science

Length of course: Year

Credit: .25 per quarter

Grade 9-12

Physical science is the study of the physical world around you. It is an introduction of major concepts in Physics and Chemistry. The course adheres to the next generation science standards. Students will have the opportunity to understand key concepts in Scientific inquiry, electricity, magnetism, atomic world, phases of matter, periodic tables, chemical equations, Waves and Electromagnetic Radiation. Students will participate in simulations, class discussions, laboratory experiments, projects and research.

Biology

Length of course: Year

Credit: .25 per quarter

Grade 9-12

Biology introduces students to the various systems that make our living world. Will focus on topics like cell, evolution, genetics, ecology, human biological systems. Includes various labs, class discussions, simulations, hands on activities and follows Next Generation Science Standards.

Earth Science

Length of course: Year

Credit: .25 per quarter

Grade 9-12

High School Earth Science curriculum focuses on scientific inquiry, astronomy, geology, weather and climate, oceanography. Students will be participating in small group activities, lab investigations, classroom discussions, Projects and research.

Elective

Advisory (High School and Middle School are the Same)

Length of course: Year

Credit: .25 per quarter

Grade 6-12

Social Emotional Learning (SEL) advisory class. In this engaging and interactive course, students will explore key skills to enhance their emotional intelligence and foster positive relationships. Through a blend of activities, discussions, and real-life scenarios, participants will learn to manage their emotions, develop empathy, build resilience, and communicate effectively. Through goal setting and follow-up, this class aims to equip students with essential tools for personal growth and interpersonal success, creating a supportive and inclusive environment

Elective (Independent Study)

Length of course: Year

Credit: .25 per quarter

Grade 6-12

The Independent Study Elective offers students the opportunity to delve deeply into a subject of personal interest under the guidance of an instructor. Designed for self-motivated learners, this course allows for flexible exploration of topics ranging from advanced academic subjects to creative projects or practical skills. Students will develop a personalized study plan, set goals, and conduct research or complete projects with regular check-ins and feedback sessions. This elective encourages critical thinking, self-discipline, and independent problem-solving, providing a unique platform for students to pursue their passions and take ownership of their learning journey.

Study Hall

Length of course: Year

Credit: .25 - .5 depending on progress of Edgenuity per quarter

Grade 9-12

Students will use this time, in a computer lab environment, to focus on their credit recovery through the online Edgenuity platform. Credits earned during this hour will be received through completion of Edgenuity classes with support from an in-person teacher.

Students attending Compass in person also can take online courses and earn credit

Compass Program

Online Courses

Imagine Edgenuity’s award-winning courses combine rigorous content with direct-instruction videos from expert, on-screen teachers with interactive learning tools and resources to engage and motivate students. Our online courses for core curriculum, AP, elective, Career and Technical Education (CTE), dual credit, and credit recovery are based on the rigor and high expectations of state, Common Core, and NGSS standards. Imagine Edgenuity gives schools the flexibility to offer the right courses for your students’ needs. Our online courses are available for credit and concept recovery, initial credit, and as honors courses for students who want to further challenge themselves. Designed to inspire lifelong learning, Imagine Edgenuity’s courses can be used in any blended or online learning model.

Credit Recovery Courses

Feature instruction and assignments to meet Common Core and state standards

Have limited or no teacher-graded assignments

Take an average of 40 hours per semester

ENGLISH

TITLE: ENGLISH LANGUAGE ARTS

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

This freshman-year English course engages students in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer’s the Odyssey, Shakespeare’s Romeo and Juliet, and Richard Connell’s “The Most Dangerous Game.” They will also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

ENGLISH LANGUAGE ARTS 10

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

Focused on application, this sophomore English course reinforces literary analysis and twenty-first century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives. Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures. As these units meld modeling and application, they also expand on training in media literacy, twenty-first century career skills, and the essentials of grammar and vocabulary. Under the guidance of the writing software, students also compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays

ENGLISH LANGUAGE ARTS 11

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

This junior-year English course invites students to delve into American literature from early Indigenous voices through contemporary works. Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

ENGLISH LANGUAGE ARTS 12

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

This senior-level English course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the modern period. With interactive introductions and historical contexts, this full-year course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors, including Chaucer, William Shakespeare, Queen Elizabeth I, Elizabeth Barrett Browning, and Virginia Woolf. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain

SOCIAL STUDIES

U.S. HISTORY

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

Offering an interactive and comprehensive overview of American history, this course engages and inspires students to learn about the rich and diverse history of America's native peoples, early European colonization and settlement in America, and the creation of a new nation through the American Revolution. Middle school students enrolled in this course will closely examine major changes brought about by the nation's reconstruction, industrialization, urbanization, and progressive reforms and consider the implications each of these events had on the expansion of the United States' global influence through modern times. Over the course of two semesters, interesting course content encourages students to think carefully about the challenges and opportunities facing the United States in the twenty-first century.

CIVICS, GOVERNMENT, & ECONOMICS

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

Exploring the structure of the United States government on a national, state, and local level, this course challenges students to learn and understand fundamental concepts and philosophies that led to the creation of the United States Constitution. Students enrolled in this two-semester course analyze the political process, political parties, and influences that affect them both. Engaging, interactive content introduces economic concepts and encourages students to explore government and economics on a global scale. By instilling a thorough understanding of government and economics, this course inspires students to investigate what it means to be an American citizen.

U.S. GOVERNMENT*

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy changes. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments and practice outlining and drafting skills by writing full informative and argumentative essays.

ECONOMICS

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

Available as either a semester or a full year, this course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

MATH

ALGEBRA I

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

This full-year course focuses on five critical areas: relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Quantitative reasoning is a common thread throughout the course as students use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically

ALGEBRA II

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. Students make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems. As students refine and expand their algebraic skills, they will draw analogies among the operations and field properties of real numbers and those of complex numbers and algebraic expressions. Mathematical practices and habits of mind are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically

GEOMETRY

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis.

SCIENCE

BIOLOGY

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes both hands-on wet labs and virtual lab options.

CHEMISTRY

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

This rigorous, full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes eighteen virtual Imagine Learning Course Catalog 2023–2024 11 laboratory experiments that encourage higher-order thinking applications, with wet lab options if preferred. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

EARTH SCIENCE

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

Students enrolled in this dynamic course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that provides a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system.

LIFE SCIENCE

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

Examining a broad spectrum of the biological sciences, Life Science is a full-year course for middle school students that builds on basic principles of scientific inquiry and translates those skills to more complex, overarching biological themes. The course includes units that help students understand the definitions, forms, and classifications of living organisms and learn to analyze the diversity of each unique group of living organisms. Other units introduce students to the structures and functions of cells, cell theory, and cell reproduction. These larger themes are then applied to other topics, such as genetics, Darwinian theory, and human biology and health. An introduction of ecology draws all of these concepts together to examine the interrelationships that help to maintain life on Earth.

PHYSICAL SCIENCE

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

This full-year course focuses on basic concepts in chemistry and physics and encourages exploration of new discoveries in the field of physical science. The course includes an overview of scientific principles and procedures and has students examine the chemical building blocks of our physical world and the composition of matter. Additionally, students explore the properties that affect motion, forces, and energy on Earth. Building on these concepts, the course covers the properties of electricity and magnetism and the effects of these phenomena. As students refine and expand their understanding of physical science, they will apply their knowledge to complete interactive virtual labs that require them to ask questions and create hypotheses. Hands-on wet lab options are also available. AP BIOLOGY This yearlong, college-level course is designed to prepare students for the Advanced Placement (AP) Biology exam. Units of study include Biochemistry, Cells, Enzymes and Metabolism, Cell Communication and Cell Cycle, Gene Expression, Evolution and Genetic Diversity, and Ecology. This course includes student guides and materials lists for required hands-on labs; these materials are not included in the course.

PHYSICS

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning ended Learning

Credits: .5 per semester

This full-year course acquaints students with topics in classical and modern physics. The course emphasizes conceptual understanding of basic physics principles, including Newtonian mechanics, energy, thermodynamics, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students solve mathematical problems, reason abstractly, and learn to think critically about the physical world. The course also includes interactive virtual labs and hands-on lab options, in which students ask questions and create hypotheses.

PHYSICAL EDUCATION AND HEALTH

HEALTH

CONTEMPORARY HEALTH

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

Available as either a semester or year-long course, this high-school health offering examines and analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy relationships, disease prevention, relationships and mental health in the context of the importance of creating a healthy lifestyle. Throughout the course, students examine practices and plans they can implement in order to carry out a healthy lifestyle, and the consequences they can face if they do not follow safe practices. In addition, students conduct in-depth studies in order to create mentally and emotionally healthy relationships with peers and family, as well as nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws. This course takes covers issues of sex and gender identity, same-sex relationships, contraception, and other sensitive topics. For a more conservative approach to health education, the Healthy Living course is also available.

FOUNDATIONS OF PERSONAL WELLNESS

PROVIDER: Imagine Edgenuity

TYPE: Alternative Instruction – Online Learning

Credits: .5 per semester

Exploring a combination of health and fitness concepts, this comprehensive and cohesive course explores all aspects of wellness. Offered as a two-semester course designed for high school students, coursework uses pedagogical planning to ensure that students explore fitness and physical health and encourages students to learn about the nature of social interactions and how to plan a healthy lifestyle. NOTE: This course contains content from both Healthy Living and Lifetime Fitness; to avoid duplication, students should take either those one-semester courses or this full-year course.