EDGENUITY
Edgenuity offers a variety of high school level Independent Study courses, to which students will have access. Most students will be taking electives not offered in a traditional classroom setting, although some will be taking core classes (i.e., math, English, etc.), if deemed necessary by administration. These courses are self-directed and teacher-guided.

ENGLISH LANGUAGE ARTS

Introduction to Communications and Speech (LA1097)
Beginning with an introduction that builds student understanding of the elements, principles, and characteristics of human communication, LA1097 offers fascinating insight into verbal and nonverbal messages and cultural and gender differences in the areas of listening and responding. High school students enrolled in this one-semester course will be guided through engaging lectures and interactive activities, exploring themes of self-awareness and perception in communication. The course concludes with units on informative and persuasive speeches, and students are given the opportunity to critique and analyze speeches in the course.

IDEA Writing (ELA3004)
Motivating students in grades 9–12 to become more articulate and effective writers, ELA3004 offers hands-on experience writing personal reflections, definition essays, research essays, persuasive essays, informative essays, and literary analysis essays. Offering targeted lessons on reputable research, effective communication, solid grammar, and compelling style, this one-semester course utilizes the Six Traits of Effective Writing as an overarching framework. Students enrolled in this course develop the skills necessary to evaluate one’s own writing and articulate and apply writing and researching strategies. In addition, students will get further practice applying the grammatical rules of Standard American English in formal writing.

SCIENCE

Environmental Science (SC2028)
Environmental science is a captivating and rapidly expanding field, and SC2028 offers compelling lessons that cover many different aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester.

**SOCIAL STUDIES**

**Human Geography (SS2045)**
Examining current global issues that impact our world today, SS2045 takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. Divided into two semesters, this high school-level course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories. Offering interactive content that will grow students’ understanding of the development of modern civilization and human systems—from the agricultural revolution to the technological revolution—this course encourages students to analyze economic trends as well as compare global markets and urban environments.

**ADVANCED PLACEMENT**

**AP English Language and Composition**
Students in AP English Language and Composition study how writers use language to create meaning. Students will read a variety of nonfiction prose and will analyze many styles and genres including essays, journalism, political writing, science writing, nature writing,
autobiographies/biographies, diaries, speeches, history writing, and criticism. They focus the majority of their practice on writing expository, analytical, and argumentative essays. Analysis is based on writers who are listed in the AP English Course Description. In addition to writing, students also study visual rhetoric such as photographs, advertisements, and political cartoons. As suggested in the AP English Course Description, students learn "to read primary and secondary sources carefully, to synthesize material from these texts in their own compositions, and to cite sources using conventions recommended by the Modern Language Association."

The class is structured around teaching reading and writing skills honed by close reading of and writing original student essays, many of which are products of several revisions. This content is presented in an online course through which students will view lectures from experienced highly qualified instructors, access nonfiction rhetoric (written and visual), and practice close reading and writing skills with continual feedback from instructors by means of various communication technologies, including phone, Instant Message, email, discussion thread, and live chat.

**AP Biology**

Biology is a college-level, yearlong course designed to prepare students for the Advanced Placement® Biology Exam. The goal of the course is to discover how biological information is acquired and by whom. The four themes that organize important concepts throughout the course are science, technology, and society; evolution; the relationship between structure and function; and science as a process. Through a combination of direct instruction, animated presentations, online readings, and textbook readings, students will organize and categorize important concepts relating to the four themes. Topics covered include cell structure and function; the gene; principles of heredity; evolutionary biology; biological diversity; the energetics of life; animal structure, reproduction, and development; circulation, body’s defenses, and nutrition; nervous system and internal controls; the form and function of plants; and ecology. Students will demonstrate their understanding and acquisition of skills through quizzes, tests, and practice AP questions.

**AP Environmental Science**

AP Environmental Science is a laboratory and field-based course designed to provide students with the content and skills needed to understand the various interrelationships in the natural world, to identify and analyze environmental problems, and to propose and examine solutions to these problems. Since this is an online course the laboratory and field-based activities will be done virtually and via experiments that students can easily perform at home with common materials. The course is intended to be the equivalent of a one-semester college ecology course, which is taught over an entire year in high school. The course encompasses human population dynamics, interrelationships in nature, energy flow, resources, environmental quality, human impact on environmental systems, and environmental law.

**AP Human Geography**

Human Geography is a college-level, yearlong course designed to prepare students for the Advanced Placement® Human Geography Exam. The goal of the course is to provide students with a geographic perspective through which to view the world. Through a combination of direct instruction, documentary videos, and online readings, students will explore geographic
concepts, theories, and models; human-environment interactions; and interactions among human systems. Topics covered include population, culture, political organization of space, agricultural land use, industrialization, and urban land use. Students will demonstrate their understanding and acquisition of skills through essays, document-based questions, student collaborative activities, and practice AP Exams.

**AP U.S. History**
This course is a survey of American History from the Age of Exploration and Discovery to the present. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. Major themes covered throughout the course include, politics, the economy, reform, social issues, diplomacy, and culture. Students will demonstrate comprehension of a broad body of historical knowledge; express ideas clearly in writing; work with classmates to research an historical issue; interpret and apply data from original documents; identify underrepresented historical viewpoints; write to persuade with evidence; compare and contrast alternate interpretations of an historical figure, event, or trend; explain how historical events connect to or cause a larger trend or theme; develop essay responses that include a clear, defensible thesis statement and supporting evidence; effectively argue a position on an historical issue; critique and respond to arguments made by others; raise and explore questions about policies, institutions, beliefs, and actions in an historical context; evaluate primary materials, such as historical documents, political cartoons, and first-person narratives; evaluate secondary materials, such as scholarly works or statistical analyses; and assess the historical significance and cultural impact of key literary works (e.g., Common Sense, Uncle Tom’s Cabin). Document-based questions, free-response essays, and timed exams throughout the course will provide students the opportunity to practice their skills in a mock AP exam environment.

**AP Psychology**
The AP Psychology Course will introduce students to the systematic study of the behavior and mental processes of human means and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major fields within psychology. Students will also learn about the methods psychologists use in their science and practice. The major aim of this course is to provide each student with a learning experience equivalent to that obtained in most introductory college psychology courses. In addition, this course has been designed to help students successfully achieve a passing score on the AP Exam.

**AP Spanish**
The AP Spanish course is designed to help students prepare for the AP Spanish Exam. Students will thoroughly review the basics of Spanish grammar, learn more about Hispanic culture and civilization, and acquire new vocabulary covering many areas and disciplines. The majority of the course is conducted almost entirely in Spanish. The tips and grammar tutorials are a mix of Spanish and English to aid in the student’s comprehension of the material since this is an online course. The course is divided into ten units. Each semester includes four content units and one semester review and test. The last unit of the second semester is a review
specifically for the AP Exam. Each unit is based on an overall theme, and highlights a specific country or region of the Hispanic world. Each unit is divided into three lessons and a unit wrap-up. Each lesson contains approximately ten to twelve activities. Although this course is completely online, you will have a teacher who will be available to answer any questions you might have regarding the course and the content. The teacher will also be correcting your assignments and any audio or essay submissions.

**ELECTIVES**

**Introduction to Art (EL1086)**
Covering art appreciation and the beginning of art history, EL1086 encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, this one-semester course provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

**Art History I (EL4002)**
Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, EL4002 offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this one-semester course will cover topics including early Medieval and Romanesque art; art in the 12th, 13th, and 14th centuries; 15th-century art in Europe; 16th-century art in Italy; the master artists; high Renaissance and Baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; 18th- and 19th-century art in Europe and the Americas; and modern art in Europe and the Americas.

**Career Planning and Development (EL4222)**
Introducing high school students to the working world, EL4222 provides the knowledge and insight necessary to compete in today’s challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio.

**Foundations of Personal Wellness (EL2082)**
Exploring a combination of health and fitness concepts, EL2082 is a comprehensive and cohesive course that explores all aspects of wellness. Offered as a two-semester course designed for high school students, this course 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.

**Healthy Living (EL2081)**
Encouraging students to make responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others, EL2081 is a one-semester course that provides students with comprehensive information they can use to develop healthy attitudes and behavior patterns. Designed for high school students, this informative and engaging course encourages students to recognize that they have the power to choose healthy behaviors to reduce risks.

**Lifetime Fitness (EL2083)**
Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, EL2083 equips high school students with the skills they need to achieve lifetime fitness. Throughout this one-semester course, students assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design fitness programs to meet their individual fitness goals.
Psychology (EL2084)
This two-semester course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

Sociology (EL1120)
Providing insight into the human dynamics of our diverse society, EL1120 is an engaging one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high-school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

Strategies for Academic Success (EL1087)
Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, EL1087 encourages high school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.

CAREER EDUCATION

3D Art I-Modeling (EL5717)
This course is an introduction to 3D modeling tools and concepts. Using Blender©, a popular open-source 3D modeling package, learn the basics of creating shapes, adding textures and lighting, and rendering. Produce a series of increasingly sophisticated projects for a 3D portfolio. This course is suitable for students with no prior experience with 3D game design or digital media authoring tools.

3D Art II-Animation (EL5718)
In this advanced course, build on the skills developed in 3D Art I to learn 3D animation techniques. Using Blender©, the world’s most powerful open-source modeling tool, master the basics of animation-trajectory, lighting, bones, and movement, while learning how to apply traditional animation techniques to your 3D models.
**Audio Engineering (EL5716)**
In this introductory course, learn about the physics of sound and the history of recording technologies. Next, learn about the four stages of professional music recording projects: recording, editing, mixing, and mastering. Using Audacity©, an open-source recording and mixing program, practice the techniques used by sound engineers to produce multi-track recordings. Though a series of engaging hands-on projects, master the fundamental concepts of audio engineering.

**Computer Literacy (EL5721)**
Today’s students must effectively use technology to research, organize, create, and evaluate information. Build a foundation in the skills and concepts that define computer literacy in the 21st century and practice essential skills such as digital citizenship, Internet research techniques, and document creation in individual and team projects.

**Computer Science I (EL5722)**
In this introductory computer science course, learn the basics of programming in hands-on projects that encourage creativity and experimentation. Apply key computer science concepts to programs created in and run by Python©, learn about the real world experiences of programmers, and develop the skills needed of a programmer.

**Computer Science II (EL5723)**
Building on the computer science and programming skills gained in Computer Science I, apply key computer science concepts to programs created in and run by Python© and learn about the real world experiences of programmers. Continue to develop fundamental skills to get started as a programmer by completing wide range of hands-on projects.

**Digital Arts I (EL5719)**
In this introductory course, learn the seven elements of visual art: line, shape, form, color, value, and texture. While surveying a variety of media and art, use digital drawing to put into practice the elements you’ve learned. Discover career opportunities in the design, production, display, and presentation of digital artwork. Respond to the artwork of others and learn how to combine artistic elements to create finished pieces that effectively communicate your ideas.

**Digital Arts II (EL5720)**
In the second part of this two-part series, build on the skills and concepts learned in part I. Develop your vocabulary of digital design elements, learn about the principles of design, and use them to create unique artworks. Create a collection of digital art projects for a digital design portfolio.

**Engineering Design I (EL5728)**
In this introductory engineering course, learn the basics of computer-aided design and develop fundamental skills to translate abstract concepts into functional designs. Use CAD Standard Lite™ and Google™ Sketchup™ to complete a series of design projects and interpret, create,
and present engineering drawings and walkthroughs.

**Engineering Design II (EL5729)**
Computer-aided design systems are used by designers and manufacturers in virtually every industry to create engineering design solutions. Master the basics of CAD software: create points, lines, other geometric forms, isometric drawings, and 3D models. Translate initial concepts into functional designs and 3D walkthroughs. Explore career options for engineers and CAD designers in this hands-on introductory level course.

**Flash Animation (EL5735)**
This introductory course teaches all the animation essentials. Learn cell animation, timelines, movies, sound – the works – using Adobe® Flash© Creative Suite 4 (CS4), the preferred design tool of industry pros worldwide. Draw and animate movies and publish them to the web. Create original art, or choose from the art asset libraries included in each project. Complete a portfolio of Flash animations.

**Flash Game Development (EL5759)**
Design Adobe® Flash© games online. Learn how to develop a variety of games for the web using Flash, the world’s most popular authoring tool for online games. Learn basic programming concepts as you use ActionScript®, the native scripting language of Flash. Develop a fully functioning, multi-level online game, and publish it online to share with your friends.

**Game Design (EL5727)**
This course is for anyone who loves gaming and wants to design and build original games from scratch. Learn how to use Multimedia Fusion 2©, a popular game design software program, to create engaging, interactive games in a variety of genres. Build a solid foundation in the basic concepts of game development and add a variety of polished games for a game development portfolio.

**Green Design and Technology (EL5730)**
This course examines the impact of human activities on sustainability while exploring the basic principles and technologies that support sustainable design. Learn the potential for emerging energy technologies like water, wind, and solar power. Find out how today’s businesses are adapting to the increased demand for sustainable products and services. Develop a comprehensive understanding of this fast-growing field.

**Image Design and Editing (EL5726)**
In this course, develop your vocabulary of digital design elements, learn about the principles of design, and use them to create unique artworks. Create a collection of digital art projects for a digital design portfolio.

**Introduction to Business (EL3501)**
In this two-semester introductory course, students will learn the principles of business using real-world examples – learning what it takes to plan and launch a product or service in today’s
fast-paced business environment. This course covers and introduction to economic basics, costs and profit, and different business types; techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

**Introduction to C++ Programming (EL5731)**

Build fun games and useful programs and discover the power of the C++ programming language. Use C++ to create a calculator, a “guess the number” game, a tic-tac-toe game, a quiz show game, a visual Hello World project, and a powerful organizer application.

**Introduction to Entrepreneurship I (EL5724)**

In this introductory business course, learn what it takes to be an entrepreneur while mastering the basics of planning and launching a successful business. Whether starting your own money-making business or creating a non-profit to help others, develop the core skills needed to be successful. Come up with new business ideas, attract investors, market your business, and manage expenses. Get inspired by stories from teen entrepreneurs who have turned their ideas into reality, then plan and execute your own business!

**Introduction to Entrepreneurship II (EL5725)**

In this introductory business course, learn what it takes to be an entrepreneur while mastering the basics of planning and launching a successful business. Whether starting your own money-making business or creating a non-profit to help others, develop the core skills needed to be successful. Come up with new business ideas, attract investors, market your business, and manage expenses. Get inspired by stories from teen entrepreneurs who have turned their ideas into reality, then plan and execute your own business!

**Introduction to Information Technology (EL3701)**

This course introduces students to the essential technical and professional skills required in the field of Information Technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of IT.

**Introduction to Health Science (EL3601)**

This course introduces students to a variety of healthcare careers as they develop the basic skills required in all health and medical sciences. In addition to learning the key elements of the U.S. healthcare system, students will learn terminology; anatomy and physiology; pathologies; diagnostic and clinical procedures; therapeutic interventions; and the fundamentals of medical emergency care. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the healthcare field.
Health Science Concepts (EL3602)
This yearlong course introduces high school students to the fundamental concepts of anatomy and physiology – including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students will learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students will investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.

Personal Finance (EL 5734)
In this introductory course, learn what it takes to understand the world of finance and make informed decisions about managing finances. Whether learning more about economics or becoming more confident in setting and researching financial goals, develop the core skills needed to be successful. Learn how to open bank accounts, invest money, apply for loans, apply for insurance, explore careers, manage business finances, make decisions about major purchases, and more. Get inspired by stories from finance professionals and individuals who have reached their financial goals.

World Languages

Chinese I/II
Students begin their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters. The course represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates “Avatar bucks” – by performing well on course tasks – to use to purchase materials at the “Avatar store.” Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

French III (WL9615)
In this expanding engagement with French, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In
addition, students read significant works of literature in French, and respond orally or in writing to these works. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters. The course represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates “Avatar bucks” – by performing well on course tasks – to use to purchase materials at the “Avatar store.” Continuing the pattern, and building on what students encountered in the first two years, each week consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and the Americas. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

German I/II (WL9623/9624)
Students begin their introduction to German with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters. The course represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates “Avatar bucks” – by performing well on course tasks – to use to purchase materials at the “Avatar store.” Each week consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major German-speaking areas in Europe. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Latin I/II
Students begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters. The course represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates “Avatar bucks” – by performing well on course tasks – to use to purchase materials at the “Avatar store.” Each week consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

Spanish III (WL9605)
In this expanding engagement with Spanish, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In
addition, students read significant works of literature in Spanish, and respond orally or in writing to these works. The course consists of 180 lesson days formatted in an intuitive calendar view, which can be divided into two 90-day semesters. The course represents an ideal blend of language learning pedagogy and online learning. As students begin the course, they construct their own Avatar that accumulates “Avatar bucks” – by performing well on course tasks – to use to purchase materials at the “Avatar store.” Continuing the pattern, and building on what students encountered in the first two years, each week consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).