



Genius Academy K12 Program Guide

CONNECT
ENGAGE
ACHIEVE



Welcome to **Genius Academy K12** – where more than 5,000 diverse, talented, and engaged students connect, learn, and achieve each day. Whether you are a parent of a current student or a prospective parent seeking the right educational setting for your child, we are glad that you are here.

People often ask me what makes **Genius Academy K12** so special. For many students and families, our school provides the ideal environment for learning. Our program combines the best of traditional schools and homeschooling, and it optimizes the experience by personalizing it to the individual student. **GAK12** puts and location where they learn.

Our team of professional educators is dedicated to providing the best possible learning experience for every one of our students. **GAK12** teachers know their students, so they can identify and build on their strengths, work through their challenges, and channel their passions.

We take great pride in our award-winning, research-based curriculum. It is creative, rich with resources, and full of choices. We continually review and update the curriculum to ensure that we are delivering the best possible learning experience for our students. We've also added new Career Technical Education (CTE) courses to provide high school students with the skills and knowledge needed to pursue their career interests and goals.

Our online curriculum is delivered in partnership with American High School (AMHS). We work together in order to best serve the students. Our course and program are laid out below. *Note, there may be changes year to year and activities will be adjusted due to the global pandemic of 2020.

Thank you for considering our program. It is our pleasure to serve our community, and the children.



LEARNING MADE PERSONAL

WE'VE MADE IT OUR MISSION TO PROVIDE A PERSONALIZED APPROACH TO LEARNING.

We tailor the learning program to each student's needs, learning styles, and interests, to create a positive educational experience for students at all levels of achievement. This individualized approach enables teachers to provide the attention and resources students need to succeed.

GAK12 teachers can adjust lessons to provide the appropriate level of challenge or support needed. Advanced students may enroll in accelerated courses that feature increased degrees of complexity. Our Accelerated and Enriched programs* are available for students who qualify, starting in third grade. When appropriate, advanced coursework may be available to younger students. Advanced high school students may participate in college-preparatory curriculum, may take Honors and Advanced Placement courses, and may be able to earn college credits through dual enrollment.**

Students who require extra time, instruction, or practice can also benefit from the flexibility of virtual schooling. For students in grades 6–8 who are working below grade level in reading or math, we offer a remediation plan to help them achieve proficiency and confidence.

90% of parents with students in Kindergarten–grade 8 say they would recommend the program to others

93% of parents with students in grades 9–12 say they would recommend the program to others

* Students enrolled in GAK12 through their resident school district may require district approval for Accelerated and Enriched learning classes. **Students interested in dual enrollment should talk to a GAK12 school counselor.

95% of parents with students in Grade 6–grade 8 say their teachers are helpful

96% of parents with students in grades 9–12 say their teachers are helpful

OUR TEACHERS ARE DEDICATED TO HELPING ALL STUDENTS REACH THEIR FULL POTENTIAL.

Caring, qualified teachers are a critical component of the online learning experience. Just like in a traditional school, teachers provide student instruction, testing, and grading. Using proven educational strategies, our teachers communicate one-on-one with students and parents to design a personalized learning plan that fits a student's learning needs. Ongoing assessments help teachers fine-tune lessons, assignments, and projects, so they can provide additional challenge or assistance when needed. Teachers monitor student participation and performance, give timely feedback or intervention, and communicate frequently with students, parents, and Learning Coaches.

The result? Kids connect with their studies like never before.

AT GENIUS ACADEMY K12 ALL OF OUR TEACHERS:

- are Florida-certified in their subject areas and grade levels
- have a minimum of a bachelor's degree
- most achieved "highly qualified" status in their subject areas
- undergo an extensive interview and screening process
- receive specialized training and support in online instruction



CURRICULUM AND TECHNOLOGY

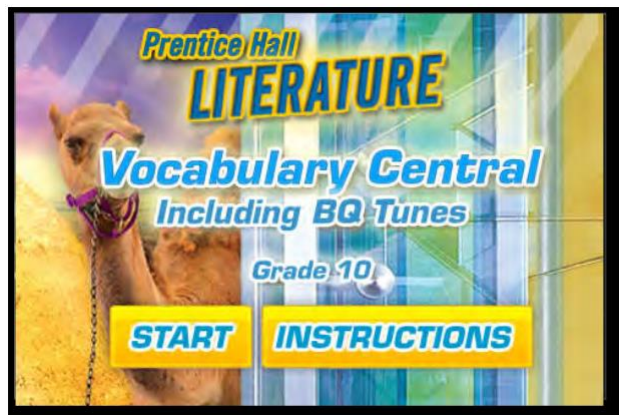
OUR CURRICULUM IS THE FOUNDATION FOR A GREAT EDUCATIONAL EXPERIENCE.

A team of leading educational experts designed the GAK12 curriculum, ensuring that it integrates the best learning materials from world-renowned educational publishers, including both online and offline resources. Our curriculum experts constantly evaluate and update courses to deliver the most effective results and to align to state and Common Core State Standards.

In support of our personalized approach, we design and offer a robust selection of core courses as well as an exciting array of electives, clubs, and activities. In addition, we offer three specialty academies for middle and high school students who excel and compete in the visual and performing arts, sports, and science and technology. These academies provide activities to enrich students' learning experiences and networking opportunities to nurture their talents.

As part of our commitment to helping all students prepare for post-high-school success, we have added many new Career Technical Education (CTE) courses. These CTE courses give students a clear instructional route toward a successful future in their chosen career, profession, or college education. Also, we now offer a program of study to help students earn Microsoft Office Certification.

See the full listing of courses, electives, clubs, and activities starting on page 10!



95%

of parents with students in Grade 6 – Grade 8 say the curriculum is high quality

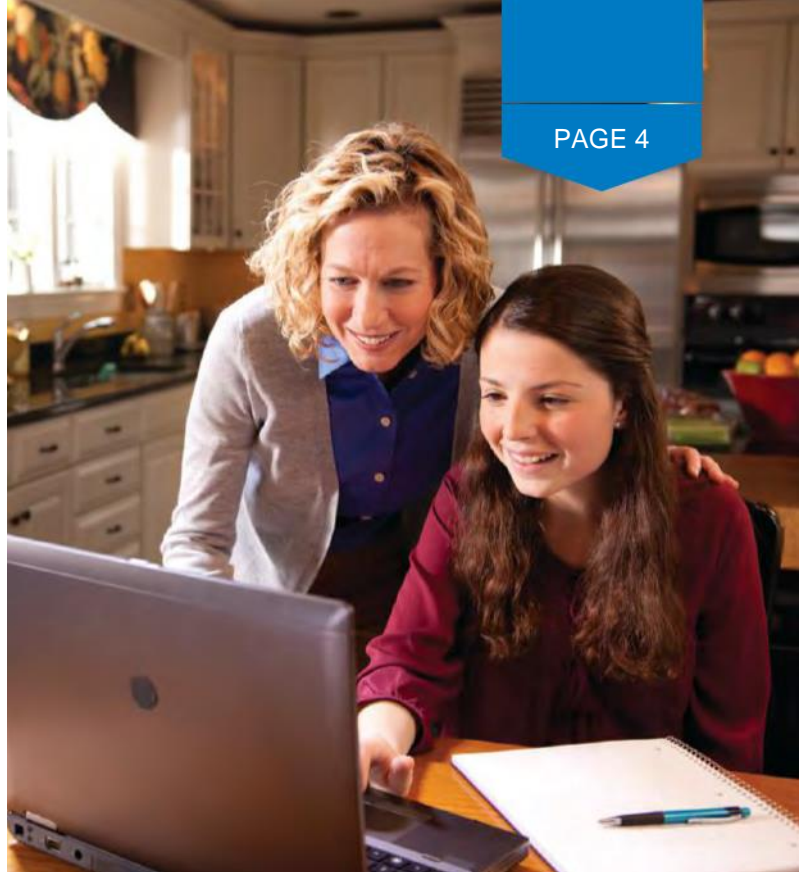
94%

of parents with students in grades 9–12 say the curriculum is high quality

TECHNOLOGY BRINGS LEARNING TO LIFE.

Integrating technology into the curriculum deepens and enhances the learning process for our students by connecting them to their teachers and to interesting, current, and diverse learning materials. Engaging videos, web applications, and interactive tools are available online for all grade levels and are used to enrich core lessons, clarify complex concepts, and help students master skills.

Our proprietary technology also provides a safe and secure portal where students and parents can access everything they need to stay up-to-date and connected with GAK12. They can communicate with teachers, school staff, and other families through WebMail; review schedules, daily lessons, and assessments; access the online library; and more. Once enrolled, every family receives step-by-step training. If additional help is required, our expert technical support team is a phone call away.



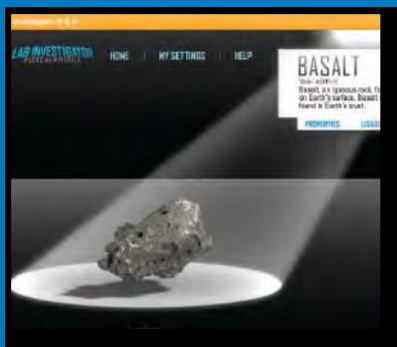
92%

of parents with students in Grade 6 – Grade 8 say technology enhances the learning experience

93%

of parents with students in grades 9–12 say technology enhances the learning experience

OUR TECHNOLOGY MAKES LEARNING FUN.



lab investigator: rock and mineral Kit This tool engages students in scientific discovery as they observe and analyze rock and mineral properties. Students perform experiments on various rocks and minerals in a high-tech, interactive, virtual learning environment.



iStudy apps Students can choose a topic and learn right from their mobile devices. It's great for a quick practice or review of key concepts. Choose from Algebra 1, Reading for College Success, Frog Dissection, and a variety of AP® Exam review apps.

A CIRCLE OF SUPPORT FOR STUDENTS AND FAMILIES



LIFE LESSONS THAT COMPLEMENT SCHOOL LESSONS

At GAK12, we believe that social interactions are vital for rounding out the academic experience. We offer many ways for our students to meet, work together, and learn through field trips, volunteer projects, and more. In addition, students at every grade level can pursue their interests with a wide range of clubs and activities.

We offer families many chances to connect with our supportive community. Students, parents, and teachers participate in a variety of school-sponsored field trips. In addition, our wide range of clubs and activities enables students to pursue their interests at every grade level. We continue to expand these rich extracurricular opportunities as part of our commitment to providing a well-rounded experience for every student.

In 2013, GAK12 held its inaugural in-person graduation ceremony for our seniors, offering students and parents the opportunity to celebrate this important moment in their lives. In addition, seniors participated in a special evening event and prom.

THE ROLE OF THE LEARNING COACH

Assisting the student in day-to-day activities is an adult Learning Coach, who is typically a parent but could be another family member or responsible adult caregiver. Learning Coaches aren't required to teach or provide instruction. Their role is to provide structure for the student's learning experience. The Learning Coach establishes and manages the daily routine, monitors progress, and provides reminders when needed. He or she helps the student build positive study habits and remain motivated. Learning Coaches help to monitor attendance and stay in touch with teachers.

The time commitment and level of involvement required of the Learning Coach varies. With a younger student, the Learning Coach spends more time providing direct supervision. As the student advances, the amount of oversight required decreases; however, Learning Coaches should continue to be readily available to support students while they learn.

Learning Coaches become a part of our supportive community of parents, students, and teachers. Our message boards, Facebook page, and blog make it easy to connect with other families. Learning Coaches find these online forums helpful for exchanging tips or ideas and for sharing information or resources.




Grades 6–8

Middle school: The on-ramp To success

Middle school is when students enter a new world of academic growth and personal discovery. AMERICAN MIDDLE SCHOOL full time helps these students see the great potential they possess and the Many possibilities that are open to them.

6–8 Courses

language arts	7
Math	8
science	9
social studies	10
additional courses and electives	11-12
clubs and activities	13-14

A photograph of a wooden desk in a home office. On the desk, there is a computer monitor on a stand, a keyboard, a spiral notebook with a pencil, and a pen holder. In the background, there is a window with blinds and a framed picture on the wall.

for students in grades 6–8, our outstanding curriculum helps them sharpen their language arts, math, and critical-thinking skills. it also deepens their understanding of history and science. Middle school is also when American Middle and High school students begin working directly with subject-specific teachers and continue interacting in real time with their teachers and classmates through livelesson sessions.

we enhance this rigorous curriculum with exciting electives. students can learn new skills in home life projects, find art in everyday life, or explore new technologies. they can join clubs that will enrich them in whole new ways, like competing in Math olympiads or writing for the school newspaper. and advanced American Middle school students can even start earning high school credits early.*

Middle school students go through a mental and emotional growth spurt. they become more independent, more responsible for their education, and more focused on their passions. our 6–8 education helps them every step of the way.

*requires the school counselor's approval.

LANGUAGE ARTS 6–8

there are two main goals in this program. one is to sharpen and strengthen students' skills in reading, writing, listening, and speaking while thinking about, discussing, and gaining enduring understandings. the other is to create a sense of curiosity and excitement about literature. students are exposed to a wide variety of prose and writing styles. activities are designed to help students understand, analyze, and critique the literature with both online and offline study. they compose both expository and creative compositions and employ test-taking strategies that are effective for different types of learners.

E In sixth grade Through the literature of authors such as Jane Yolen, Francisco Jiménez, and e.e. cummings, students ponder such questions as, “What’s fair and what’s not?”, “What makes a hero?”, and “What makes you who you are?” While exploring the literary genres of informational text, biography, autobiography, persuasive text, poetry, fiction, folktales, nonfiction, and drama, students strengthen their reading and writing skills and vocabulary development.

i *Literature: Reading with Purpose Course 1*, Glencoe

i *Writing with Power*, Perfection Learning

E In seventh grade Through the literature of authors such as Rita Dove, Gary Soto, and Langston Hughes, students think about questions like, “How can we become who we want to be?”, “Whom can we really count on?”, and “Who influences us?” While exploring the literary genres of informational text, biography, fiction, persuasive text, nonfiction, folktales, poetry, and historical documents, students strengthen their reading and writing skills and vocabulary development.

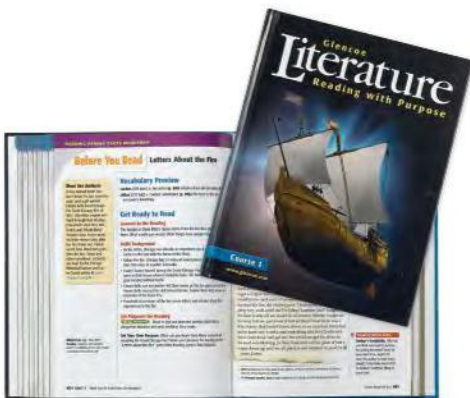
i *Literature: Reading with Purpose Course 2*, Glencoe

i *Writing with Power*, Perfection Learning

E In eighth grade Through the literature of authors including Maya Angelou, Yoshiko Uchida, and Nikki Giovanni, students contemplate questions such as, “How do you stay true to yourself?”, “How do you keep from giving up when bad things happen?”, and “What is the American dream?” While exploring the literary genres of autobiography, biography, folktales, informational text, poetry, fiction, drama, persuasive text, and historical text, students strengthen their reading and writing skills and vocabulary development.

i *Literature: Reading with Purpose Course 3*, Glencoe

i *Writing with Power*, Perfection Learning



curriculum supplementS By Grade*

6

6 Trait Power Write®
The Cay
Guardians of Grammar
Journey to Topaz **E**
Language Arts 6 Online Course Guide
SAS® Curriculum Pathways®
Walk Two Moons

7

6 Trait Power Write®
Dragonwings
Guardians of Grammar
Language Arts 7 Online Course Guide
SAS® Curriculum Pathways®
The Watsons Go to Birmingham—1963

8

6 Trait Power Write®
Activity Tracker
The Giver
Guardians of Grammar
Johnny Tremain
Language Arts 8 Online Course Guide
SAS® Curriculum Pathways®

* brainpop®, discovery education™ streaming, ebSCO, gizmos, grolier online™, and skillstutor™ are available in grades 6–8 for applicable subjects.

the middle school math program provides interactive, engaging content that encourages students to think critically, make real-world connections, and collaborate with peers. these courses contain a variety of online instructional resources such as virtual tools, educational games, and tutorials that enable students to manipulate and make sense of mathematical problems. throughout the program, students reason abstractly and quantitatively, engage in mathematical discussions, strategically apply concepts, and express their reasoning.

A **Math 6** Students connect ratio and rate to whole number multiplication and division and also use the concepts of ratio and rate to solve problems. In addition, they extend their understanding of dividing fractions and of writing, interpreting, and applying expressions and equations as well as develop an understanding of statistical thinking.

i *Mathematics: Course 1, Common Core Edition*, Prentice Hall,

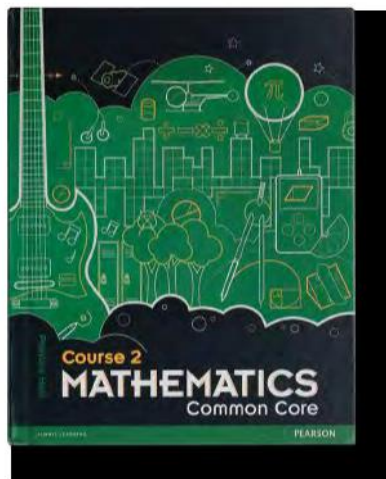
A **Math 7** Students build on their knowledge of proportional relationships and operations with rational numbers. They solve real-world problems involving scale drawings, geometric constructions, area, surface area, and volume. Students also draw inferences about populations based on samples.

i *Mathematics: Course 2, Common Core Edition*, Prentice Hall,

A **Algebra readiness (Pre-algebra)** Students prepare for algebra as they extend their understanding of expressions and equations. They solve linear equations and systems of linear equations, use functions to describe quantitative relationships, and analyze two- and three-dimensional space and figures.

i *Mathematics: Course 3, Common Core Edition*, Prentice Hall

A **Algebra 1 (1.0 Credit)** In this course, students acquire the basic knowledge, skills, strategies, and confidence they will need for all their high school math courses. Students enjoy solving hundreds of real-world problems that can be answered with algebra. Each module is presented in a step-by-step manner right on the computer screen. There are also hands-on labs to make the numbers, graphs, and algebraic equations come to life, and they are all tied to applications like sports, travel, business, and health.



CURRICULUM SUPPLEMENTS BY GRADE*

6

DimensionU™
Math 6 Online Course Guide
Virtual 2-D/3-D Shapes
Virtual Geoboard
WorkPad

7

DimensionU™
Math 7 Online Course Guide
Virtual 2-D/3-D Shapes
Virtual Geoboard
WorkPad

8

Algebra Readiness (Pre-Algebra) Online Course Guide
DimensionU™
Virtual 2-D/3-D Shapes
Virtual Geoboard
WorkPad

* brainpop®, discovery education™ *streaming*, ebsco, gizmos, grolier online™, and skillstutor™ are available in grades 6–8 for applicable subjects.

i Indicates that this textbook is available as an online text. Students may also receive printed textbooks.

A Indicates an Accelerated course is also available.

E Indicates an Enriched course is also available.

SCIENCE 6–8

Our new middle school science program was inspired by the foundations of the next generation science standards (ngss), which focus on science and engineering practices, disciplinary core ideas, and crosscutting concepts. these new K–12 science standards are rich in content and practice, and they are arranged in a coherent manner across disciplines and grades to provide all students with an internationally benchmarked science education.

E In the spirit of the NGSS and in accordance with 21st century skills, the new media-rich science courses enable students to engage actively in inquiry-based investigations, STEM (science, technology, engineering, and mathematics) projects, as well as cross-disciplinary and cross-curricular activities. Students make connections, collaborate, and reflect on their learning as they work through the content.

The science program consists of life science, Earth science, and physical science units that cover topics listed below. Each course is designed to meet both national and state-based standards and may include:

- Structure of the cell
- Organism systems and information processing in the body
- Transfer of matter and energy in organisms and ecosystems
- Interdependent relationships in ecosystems
- Natural selection and adaptations
- Growth, development, and reproduction of organisms
- Earth and space systems

- Earth's surface and interior processes
- Weather and climate
- Human impacts on Earth
- Structure and properties of matter
- Chemical reactions
- Forces, energy, and motion
- Waves and electromagnetic radiation

CURRICULUM SUPPLEMENTS*

Gizmos

Lab Investigator: Rocks and Minerals

Lab Investigator: Virtual Dissection Science Kit

Virtual Digital Scale

Virtual Spring Scale

* brainpop®, discovery education™ *streaming*, ebSCO, gizmos, grolier online™, and skillstutor™ are available in grades 6–8 for applicable subjects.



Virtual Digital Scale

An enhanced and technology-enriched social studies curriculum allows students the opportunity to engage with technology and explore history from ancient china, egypt, and greece to modern america. to develop 21st century skills, students utilize their critical- and creative-thinking abilities as they communicate and collaborate with peers to connect what they are learning with the world around them.

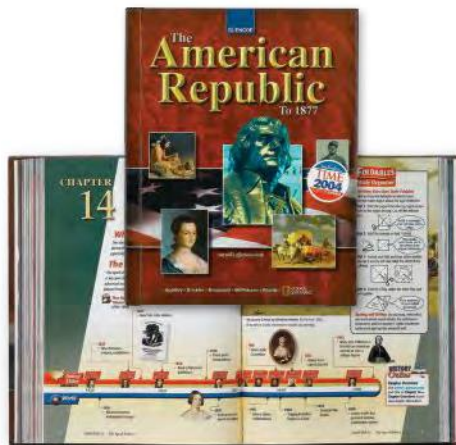
In sixth grade Students focus on ancient civilizations. They begin by analyzing a historian’s role and utilizing the tools and skills he or she would use, including building timelines, studying geography, and evaluating multiple sources. Students trace how societies shifted from hunting and gathering to farming. They also trace the development of ancient China, India, Mesopotamia, Egypt, Greece, and Rome. Students enhance their critical thinking by interpreting primary sources and reading eyewitness accounts to draw conclusions.

i *World History: Journey Across Time: The Early Ages*, Glencoe

In seventh grade In this civics course, students gain the skills and knowledge necessary to be active citizens and to have a positive impact on their communities. Students discover the rights and responsibilities of citizenship in the United States, learn about the structure of the government, and study how government works at the local, state, and federal levels. This course also examines elections, the lawmaking process, how citizens can impact public policy, and the ways in which the United States interacts with other countries around the world.

In eighth grade In this survey of United States history from the pre-colonial period to the War of 1812, students examine our country’s political, economic, geographic, and social history and make connections between historical events and their impact on the American people and landscape. Lessons develop students’ abilities to question, read, analyze, interpret, and evaluate different forms of information. They learn to work from primary sources, read timelines and graphs, compare and contrast various historical accounts, recognize bias, and more.

i *The American Republic to 1877*, Glencoe



CURRICULUM SUPPLEMENTS By Grade*

6

Active Reading Note-Taking Guide
Google® Earth
Social Studies 6 Online Course Guide
Virtual Timeline

8

Google® Earth
Social Studies 8 Online Course Guide
Virtual Timeline

* brainpop®, discovery education™ *streaming*, ebSCO, gizmos, grolier online™, and skillstutor™ are available in grades 6 and 8 for applicable subjects.

i Indicates that this textbook is available as an online text. Students may also receive printed textbooks.

E Indicates an Enriched course is also available.

ADDITIONAL COURSES AND ELECTIVES 6–8

Art In middle school, students explore how art can be used for design, functionality, or personal expression. They study how American and international visual art influences ideas, actions, cultures, and environments. Students use various media and techniques to create two- and three-dimensional visual art projects. Through discussions of art history and criticism, students learn methods to analyze, interpret, and judge artwork. Students also make connections between art and artists, from across time and location, and explore how science, math, history, and religion impact art.

Chinese (I and II) In Chinese I and II, students have the opportunity to “see it, hear it, say it, and write it” as they interact with content and communicate with native speakers throughout the courses. Familiar characters introduce the students to lesson content and serve as tour guides as students visit the Great Wall, meet pandas in Sichuan, and celebrate the Lantern Festival.

Digital arts I Students learn basic concepts essential to visual and digital art such as line, shape, form, color, value, space, and texture. They use Inkscape, a vector drawing application, to create original digital art and complete a still life scene for a course-long art project.

Educational technology and Online Learning Students use electronic media and software to apply academic concepts as they create meaningful organizers,

projects, and presentations. Students locate, retrieve, and evaluate data in order to construct and analyze databases. They produce presentations on Internet safety, online predators, and cyberbullying. Students become effective communicators and collaborators as they plan, evaluate, and synthesize research emphasizing current issues with technology.

- **Exploring Music (I and II)—a Juilliard eLearning course** These courses are designed to teach students fundamental musicianship from a Western classical approach, while aligning to national music education standards. These courses challenge students to improve their listening, notation, analysis, performance, and improvisation skills. With audio, visual, and interactive technologies provided by both The Juilliard School and Connections Education, these courses provide a unique and advanced learning experience for students in grades 6–8.

Health and Physical education With the support of virtual friends, students determine current personal fitness levels and learn to improve those levels. Students also learn safety rules for exercise, how to create equipment from household items, how different activities target different body parts, how to set and reach a goal, and how to be good sports. Activity choices are plentiful, leading students to a healthy and physically active lifestyle. Students keep a log of physical fitness activities so they can monitor and reflect on personal progress.



GR

Home Life In this course, students select from a number of projects that develop skills through fun, experiential learning projects. Activities include cooking, crafts, sewing, home maintenance, family outings, and genealogy. Projects for feature photography as well as textiles and clothing.

Introduction to entrepreneurship I Students learn the basics to plan and launch their own business by studying successful entrepreneurs and basic economic concepts such as competition and production, setting up a business plan, and marketing a company.

Sign Language This course introduces students to the fundamentals of American Sign Language. They explore vocabulary, grammar, and conversation by using basic signing and fingerspelling techniques. Special activities and exercises also help a student understand the culture of the deaf and hard-of-hearing community.

Spanish (I and II) These courses introduce students to Spanish language and culture. Student guides share information on topics such as family and friends, home, food, clothing, and neighborhoods. Culture is presented

throughout the courses to help students make connections between their culture and the culture of people in the Spanish-speaking world. Opportunities for students to communicate with native speakers throughout the course provide a real-world context.

WebQuest This interactive elective allows students to participate in a unique online experience. The course is primarily based on students collecting, submitting, and tracking their own data. In addition, students are able to share the collected information with other students online.

- Designates a brand new course.



OW

CLUBS AND ACTIVITIES 6–8

Art Club The Art Club sparks imagination and creativity by exploring two-dimensional and three-dimensional art, photography, and graphic design through techniques and styles associated with each medium. Students have the opportunity to create original designs and artwork, share their artwork with peers, learn about appropriate critique guidelines, and provide feedback to other club members.

Arts and Crafts This club encourages students to create crafts using materials found at home and in nature. Through the study of culture, science, and math, students work on projects such as a dream catcher, a papier-mâché spider, and a symmetrical trivet.

Book Club Participants read selected books and share their observations with each other. Meeting with professional writers and artists and discussing themes and plots, students participate in synchronous and online group discussions.

Brainteasers Club A weekly brainteasers newsletter provides students with the opportunity to solve a variety of puzzles and problems including anagrams, crossword puzzles, crack the code, and logic grids. In addition, students are encouraged to create their own brainteasers to share on message boards and in student-made publications.

Broadcast Club Students learn about the history and new trends of broadcast media and share their work with peers. Throughout the year, students explore the growth of print, audio, and video. Guest speakers share their experiences in the broadcast field.

● **Career Club** Seventh and eighth grade students learn about potential careers and explore fields that interest them. The club enables students to enter high school with a direction in mind, making them more likely to embrace and succeed in a high school program that prepares them for pursuing their career interests.

Chess Club Members learn, socialize, and play in an atmosphere of friendly competition using an exclusive gaming site. After completing a tutorial, students are matched with competitors of the same skill level, and the online games begin. This club also includes monthly presentations by a Grandmaster from the University of Maryland, Baltimore County, and an end-of-year tournament.

Debate Club Members learn internationally recognized debate procedures and put them into practice during twice monthly LiveLesson sessions. Members also learn the art of public speaking and critical thinking while working in collaborative teams. Research, reasoning, and understanding opposing perspectives form the foundation for weekly moderated debates.

Digital storytelling Club Students use computer programs to incorporate pictures and audio to tell their original tales. They share the stories both through LiveLesson sessions to get feedback from their peers and in the Virtual Library for the community to enjoy.

Environmental Club Members exchange ideas about keeping our planet clean and also hear from environmental experts. They discuss global issues and learn how they can influence issues on a local level.

● **Gaming and Computer technology Club** Students who have an affinity for computers and gaming explore and discuss online gaming strategies, coding, and new product reviews. Individual and collaborative projects may include designing applications and games.

history Club Members explore civilizations and cultures around the world. They have the opportunity to participate in the National History Day competition and receive guidance from the club coordinator.

Math Club I: First in Math® Students expand their math skills, from simple addition to algebra, by playing interactive games on the First in Math® website. They work at their own pace and earn points while mastering concepts. Monthly LiveLesson sessions allow students to work with peers to learn more about mathematical topics and solve problems.

Math Club II: Mathematical Olympiads Middle school students compete in the International Mathematical Olympiads. These gifted and talented math enthusiasts meet twice a month to first review high-level problem-solving strategies and techniques and then to apply their skills in the official competition and accrue points that will determine annual winners.

The Monitor: student newspaper *The Monitor* is a student-managed, student-staffed newspaper. Our writers and editors work together to write and organize content for sections of the newspaper including news, entertainment, sports, and school happenings.

CREATE

- **Movie Club** Members learn about film genres, acting, special effects, and musical compositions centered around monthly themes. Student film buffs demonstrate their creativity and collaborate with others to create their own movies as part of a virtual showcase.

- **Music Club** Students who enjoy performing, composing, or listening to music explore various musical genres, lyrics, and instruments. Members have opportunities to collaborate with others and exercise their creativity by designing their own musical instruments or participating in a virtual showcase and talent show.

Pen Pals Students develop skills in letter writing, written expression, and penmanship while making friends with students across the country. Monthly LiveLesson sessions allow students to share information about personal interests with peers.

Pens and Lens: student Literary Magazine This monthly magazine recognizes and publishes original student works. This recognition encourages and inspires others to pursue both writing and photography.

Poetry Corner Middle school writers work together to explore the language of poetry. Weekly forums are held to share and critique original work.

Quiz Bowl During this weekly academic competition, middle school students apply

their knowledge of fun facts. Winners are named at the end of the year.

Robotics Club Students focus on the latest trends in robotics, how robots are built and controlled, and how to make one navigate an obstacle course. No previous computer coding experience or materials are needed.

Science Club Students work with the scientific method by planning experiments and observing the world. They experiment at home and share the processes and results with their peers. They also predict outcomes and alter variables of experiments conducted in LiveLesson sessions.

Science in the Kitchen Students' kitchens double as laboratories where they will conduct safe, simple experiments. Then they discuss these experiments online with fellow students.

- **sports Club** Students who enjoy athletics explore a variety of sporting activities from around the world. Members discuss the similarities and differences of seasonal sports and have the opportunity to learn about training techniques and fitness programs. Students also use Activity Tracker to document personal fitness habits and routines.

student Leadership and service Club This club challenges students who are natural leaders in their communities to take on leadership roles at the state, national, and international levels. Students

meet regularly to plan service learning projects and share the outcomes of community outreach. Guest speakers, schoolwide projects, and parliamentary procedures are highlighted throughout the year.

- **Theater arts Club** Students learn about choreography, set design, tech crew, and musical scores for on- and off-Broadway productions. Working both individually and collaboratively, students are encouraged to write their own plays or musical scores.

Students and Learning Coaches will receive information about signing up for clubs and activities after the school year begins. Additional clubs and activities are offered to students, and these may vary by grade level.

- Designates a brand new club.





GRADES 9–12

Reaching goals in high school

HIGH SCHOOL IS ABOUT SETTING GOALS AND REACHING THEM: BECOMING FLUENT IN A WORLD LANGUAGE, ACING COLLEGE ENTRANCE EXAMS, OR GAINING THE TECHNICAL SKILLS NEEDED FOR A CAREER. WE ENCOURAGE OUR STUDENTS TO AIM HIGH, AND THEN SOAR.

9–12 COURSES

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Genius Academy K12's 9–12 education is centered on a high school curriculum that is stimulating, balanced, and fine-tuned to benefit our students in the future. Its heart is our core math, science, English, and social studies courses.

But we believe students should be as well-rounded as they are well-informed—with electives such as Living Music, Psychology, World Languages, and Personal Fitness. They're also learning from the best—dedicated 9–12 educators who are highly qualified specialists in their fields.

High school offers an explosion of extracurricular opportunities like the Creative Writing Club, Teen Driving Club, Model United Nations, and Future Business Leaders of America.* Honors and Advanced Placement courses invite students to challenge themselves. All students work with a teacher to set up a My Achievement Plan (MAP) that will prepare them for success on any path they choose—be it college, the military, or a career.

At the core of every 9–12 program is a goal. Our goal is to ensure our students can meet theirs.

*The wide selection of clubs is listed on page 57.

THE AMERICAN HIGH SCHOOL ADVANTAGE

Teenagers today are part of the Internet generation who have been using communications and media technologies all their lives. Parents who recognize this also realize how quickly they can adapt and flourish at Genius Academy K12, since it so closely aligns with their learning style. Here's what makes our school a great fit.

Flexibility We offer more flexibility than a traditional high school. Students involved in sports or the arts can work on lessons any time of the day or night, so school schedules no longer conflict with their rehearsal or practice. Students who have a job can easily plan their lessons to accommodate their work schedule.

Support All core subjects are taught by highly qualified teachers with expertise in their content areas. Since many concepts need further discussion, teachers are available to dig deeper into a subject. A school counselor is on hand to support students and families by

assisting with college applications and providing official transcripts for those applying for college, as well as offering guidance and counseling for those students entering the workforce or the military.

My Achievement Plan (MAP) When a student enrolls, a teacher works with him or her to shape a Personalized Learning Plan, and also checks to make sure that graduation requirements are being met. We use a questionnaire to determine the student's learning style followed by a review of his or her transcript. GAK12 works to:

- Maximize academic achievements in high school
- Achieve personal and social goals
- Set goals for college and/or a career

Most important, as each semester progresses, the student's Personalized Learning Plan can be adjusted to make sure it continues to meet his or her needs.

Is acceleration right for a student? We consult jointly with students, parents, and counselors to determine correct course placement and whether standard, Honors, or Advanced Placement* courses are appropriate. The student's counselor can also tell him or her whether early college credit is available.

A wide range of Advanced Placement courses Genius Academy K12 offers a full array of college-level AP® courses to prepare talented students for the national AP tests. High scores on these tests could enable them to earn early college credit or placement in advanced classes, depending on the individual college's policies.



Our College Board–approved AP offerings include:

- AP Art History
- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Computer Science
- AP English Language and Composition
- AP English Literature and Composition
- AP Environmental Science
- AP Human Geography
- AP Macroeconomics
- AP Microeconomics
- AP Spanish Language*
- AP Statistics
- AP United States Government and Politics
- AP United States History

*Pending approval

Transferring from another school?

If your student is joining us from another accredited high school, our counselors will review transcripts to place him or her in the appropriate courses. If you have been home-schooling your student, you will need to submit a High School Home School Credit form. Counselors will use this to determine placement.

SAT/ACT preparation GAK12 helps prepare high school students for the SAT and ACT tests required for admission to college—all within their regular course of study. Literacy strategies and practice exams are integrated into all courses. Assessments match standards as well as mirror standardized testing formats. Teachers provide expert chats on testing strategies so students feel prepared for all types of standardized tests. In addition, AP Exam reviews

From Virtual Education to Higher Education

Our graduating seniors are accepted to some of America's finest colleges and universities, such as:

- Brown University
- The Citadel
- Florida State University
- Harvard University
- Massachusetts Institute of Technology
- New York University
- University of Florida
- University of Miami
- U.S. Military Academy at West Point
- ...among many, many others.

provide a beyond-the-classroom review in the spring before the AP Exams.

Social events In addition to core courses, many electives, field trips, and other gatherings are built into the high school program. Students can socialize with their classmates through clubs, extracurricular activities, and trips to businesses and college campuses that give them a glimpse of life beyond high school.

Preparing for college and beyond Advanced high school students can prepare for the future with a college-preparatory curriculum, plus challenging Honors and Advanced Placement courses as well as exciting electives. New this year, students also have the opportunity to take Dual

Enrollment courses through Seminole State College and Polk State College. To make sure students are ready for what lies ahead, GAK12 supports them with a wide array of resources, including:

- A counselor to help craft a Personalized Learning Plan
- College and career guidance
- Assistance with college applications, including online workshops and information about colleges and universities
- Live online financial aid sessions
- Transcripts
- Our Virtual Library, with links to college information

*AP is a registered trademark of the College Board, which was not involved in the production of, and does not endorse, this product.



ENGLISH 9–12

Throughout high school, the aim of English courses is to enable students to analyze and critique texts, think critically, conduct research independently, and understand how their writing relates to the literature they are reading. Throughout each course, students read a wide range of literature, write in a variety of genres, and reinforce and expand their skills in grammar, usage, mechanics, and vocabulary. Students have access to online tutorials, rubrics, and graphic organizers.

English I / English I Honors (1.0 Credit) No two people experience books, plays, or community events in exactly the same way, and no two people describe their experiences with the same words. How compellingly can you describe what you read or see to others? In this course, students find out. The purpose of this course is to give students the tools to see and hear with real understanding, and to communicate with real conviction. They gain language arts skills by reading literature, writing, listening, viewing, and speaking, and they learn to use the English language successfully to express themselves. Major topics include literary terms, organizational skills, sentence types, the writing process, literary techniques, and real-world applications.

English II / English II Honors (1.0 Credit) Through the study of literature, nonfiction, and life, students explore themes such as fulfillment, triumph, empowerment, change, and what it means to be human. Students consider and write about real-life human experiences: laughter, obstacles, fear, betrayal, and transformation. They analyze how these experiences form the foundation of various type of writing, including fiction, such as novels, poems,

and plays, as well as essays and other nonfiction works. Students have many choices for both reading and writing assignments.

English III / English III Honors (1.0 Credit) In English III, the writing and insights of authors throughout our history are collected in the fast-paced pages of *The Virtual Times*. Published at key periods in our American history, *The Virtual Times* takes students right into the action. The writing is clear and concise. The stories and opinions give students perspective. They gain an appreciation of American literature and the ways it reflects the times in which it was written. Students discover how people thought and lived and wrote about their experiences. They are also asked to observe, investigate, and report on stories of today. The goal is to be thorough, accurate, and compelling in their writing. Perhaps in times to come, people will want to read what they thought and wrote.

English IV / English IV Honors (1.0 Credit) Explore the world of big ideas in English IV, where students choose their path to travel while exploring highly engaging thematic units. The works in the course span a

period of over 1,000 years and are written by authors who share common ideas but employ many literary genres to express their views. Each path will guide students through a series of literary pieces that allow them to analyze the political, social, economic, and cultural messages of the time, as well as their relevance to the world today. Whether it is the dramatic ending of a play or the colorful images in a verse of poetry, the works of these authors will leave students with a new understanding of the world around them. Students create authentic pieces that engage them in higher-level learning and provide them with a greater understanding of literature and its connection to the world.

AP English Language and Composition (1.0 Credit) This course provides high school students with college-level instruction in studying and writing various kinds of analytic and persuasive essays on literary and nonliterary topics in language, rhetoric, and exposition. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both reading and writing are designed to make students aware of the interactions among a writer's purposes, the audience's expectations, and subjects,



CURRICULUM SUPPLEMENTS

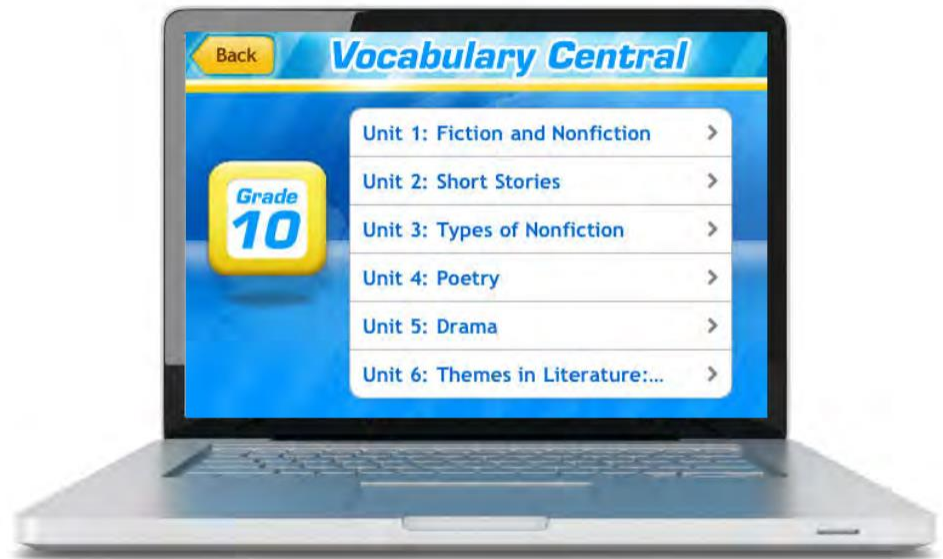
*Advanced Placement Literature
and Composition for Florida
Virtual Schools, Pearson*

Discovery Education™ *streaming*
SAS® Curriculum Pathways®



as well as the way writing conventions and language contribute to effectiveness in writing. This course effectively prepares students for the AP English Language and Composition Exam by enabling them to read, comprehend, and write about complex texts while developing further communication skills at a college level.

AP English Literature and Composition (1.0 Credit) This course provides high school students with college-level instruction in various kinds of analytic or persuasive essays on literary and nonliterary topics. Students become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Through their integrated reading and writing activities, students analyze and evaluate the interactions among a writer's purposes, audience expectations, and subjects, as well as the way writing conventions and language contribute to effectiveness in writing.



English II

MATH 9–12

These math courses are designed to enable students to develop and apply mathematical concepts, skills, and problem-solving strategies. Students are taught to use interactive online tools, think critically, and utilize helpful test-taking strategies. In math, students continually apply what they are learning to real-world situations, review frequently, and take advantage of enrichment opportunities.

Algebra I / Algebra I Honors (1.0 Credit) In this course, students acquire the basic knowledge and skills they will need for their high school math courses. Students enjoy solving hundreds of real-world problems that can be answered with algebra. Each module in this course is presented in a step-by-step manner right on the computer screen. There are also hands-on labs to make the numbers, graphs, and algebraic equations come to life. It's all tied to real-world examples like sports, travel, business, and health. This course is designed to give students the skills and strategies for solving all kinds of mathematical problems, and the confidence they need to handle everything that future high school math courses have in store.

Algebra II / Algebra II Honors (1.0 Credit) In this course, students learn advanced algebra through hands-on activities, applications, group interactions, and the latest interactive technology. They begin with a review and then study systems of equations, factoring, and radical and quadratic equations. Concepts are applied to everyday occurrences such as earthquakes, stadium seating, and purchasing movie tickets. Using technology, students investigate the effects of an equation on its graph.

Students also explore and work with polynomial functions, rational equations, exponential and logarithmic relations, and sequences and series.

Advanced Algebra with Financial Applications (1.0 Credit) This advanced course incorporates real-world applications, collaboration, and calculations with technology. Upon completion, students will know the formulas used to determine their account balance, monthly payments, total costs, and more! This knowledge will propel them into the future with a good foundation on how to handle their finances.

Math for College Readiness (1.0 Credit) In this course, students explore concepts from general high school mathematics examining real numbers, linear relationships, non-linear relationships, rational numbers, and exponential relationships. Students study using tools including instructional media, examples, written lessons, interactive tutorials, and live teacher support. Students have the opportunity to gain the knowledge of concepts to increase success in college mathematics courses, while closing gaps in existing knowledge.



Geometry / Geometry Honors (1.0 Credit) Geometry is everywhere. Engineers use geometry to bank highways and build bridges; artists use geometry to create perspective in their paintings; and mapmakers help travelers find things using the points located on a geometric grid. Throughout this course, students travel on a mathematical highway illuminated by spatial relationships, reasoning, connections, and problem solving. While learning all about points, lines, and planes, students also acquire a basic tool for understanding and manipulating the real world around them.

Precalculus Honors (1.0 Credit) Students, as mathematic analysts, investigate how advanced mathematical concepts can solve problems encountered in operating national parks. This precalculus course, which reviews the principles and techniques of analytical geometry and trigonometry, allows students to explore, solve, and evaluate various functions, equations, and inequalities. This course will prepare students to study calculus at the high school or college level.

Calculus Honors (1.0 Credit) This course introduces students to calculus, the mathematics of change. An interactive text and graphing software combine with the

exciting online course delivery to make calculus an adventure. Students study limits, continuity, and differentiation, as well as the integration of algebraic, trigonometric, and transcendental functions, plus the applications of derivatives and integrals. Students learn skills that are essential to further study in math, engineering, science, and the social sciences.

AP Calculus AB (1.0 Credit) This is a college-level course covering concepts including derivatives, integrals, limits, approximation, applications, and modeling. After studying limits and continuity, students move on to concepts of derivatives, including the chain rule, differentiation, implicit differentiation, and logarithmic differentiation. Later in the course, students cover integration and differential equations. Interactive text, graphing software, and math symbol software combine with the exciting online course delivery to make this course an adventure.

AP Calculus BC (1.0 Credit) This college-level course consists of topics covered in AP Calculus AB plus additional topics. Studies include functions and graphs, limits and continuity, derivatives and antiderivatives, definite integrals, and infinite sequences and series. This course utilizes interactive math symbol, text, and graphing software along with exciting online course delivery.

AP Statistics (1.0 Credit) Statistics are used everywhere from managing a store's inventory to predicting a student's future success from standardized test results. As they become familiar with the vocabulary, method, and meaning of statistics in the world around them, students actively construct their own understanding of the methods, interpretation, communication, and application of statistics. Each unit establishes a framework to help students understand concepts rather than learning through memorization and emulation. Students complete several performance assignments throughout the year consisting of relevant, open-ended tasks requiring them to connect multiple statistical topics together. General topics of study include exploring data, planning and designing a study, anticipating patterns, and making statistical inferences. The TI-83+/84 or 89 calculator and computers will be used to explore the world of data and patterns.

curriculum supplements

2003 AP[®] *Released Exams*, College Board Publications: AP Calculus AB (2003 AB Edition, 2004); AP Calculus BC (2003 BC Edition, 2004, and 2008; BC Exam, 2009)


Discovery Education™ *streaming*

The Geometer's Sketchpad, Key Curriculum Press


Graphmatica, kSoft

Interactive Calculus, Houghton Mifflin / Holt McDougal CDs (Calculus, 8th Edition, 2006, and Student eBook)

MathType, Design Science

Demana et al., Precalculus: Graphical, Numerical, Algebraic 8th edition, Pearson 

SAS[®] Curriculum Pathways[®]

 Indicates that this textbook is available as an online text.



SCIENCE 9–12

The science courses challenge students with a rigorous curriculum that includes opportunities to explore and apply concepts in depth. In addition to designing and conducting experiments and engaging in independent research, students also complete active, inquiry-oriented lessons and participate in online tutorials and virtual labs.

Biology / Biology Honors (1.0 Credit)

Engaging in the study of biological science broadens the picture of the world around us. This course is an in-depth look at the fundamental characteristics of living organisms, designed to promote scientific inquiry and discovery. Students are introduced to the structure, function, diversity, and evolution of living matter. This is a course with real relevance, encouraging curiosity and providing opportunity for students to work on hands-on lab activities and develop relationships through collaborative learning.

AP Biology (1.0 Credit) This challenging course is designed to provide a college-level experience. Students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, and mastering biology concepts. The key themes of the AP Biology course are the scientific processes; the effects of science on technology and society; the chemistry and makeup of living organisms; and genetics, diversity, and evolution. Throughout this course students are expected to answer questions, reflect on issues, and complete lab activities. The primary emphasis is on developing an understanding of concepts rather than memorizing terms and technical details.

Chemistry / Chemistry Honors (1.0 Credit)

Topics in this interactive course include the composition, properties, and changes associated with matter and their applications. This course is designed to serve as a foundation for the study of chemistry. Students will utilize scientific inquiry, Web 2.0 tools, interactive experiences, higher-order thinking, collaborative projects, real-world application through labs, and a variety of assignments. Ultimately, students demonstrate a vast understanding of the importance of chemistry in the world around them, enabling them to apply these properties to their everyday lives.

Earth Space Science / Earth Space Science Honors (1.0 Credit) Discovering new things about the Earth has been the dream of scientists and explorers for centuries. This course allows students to continue that journey of discovery. Earth Space Science is a laboratory course focusing on the study of space and on the geologic and atmospheric forces that shape our world. Through experimentation and investigation, students explore the Earth cycles including the geosphere, hydrosphere, cryosphere, atmosphere, and the carbon cycle. Students learn about scientific inquiry, geologic time, space exploration, the solar system, and the universe. They use Web 2.0 tools, interactive experiences, higher-order



thinking, collaborative projects, and real-world application through labs and a variety of assessments. Upon completion of the course, students have a clear understanding of the dynamic forces at work in the world around them, becoming better caretakers of our planet.

Marine Science / Marine Science Honors (1.0 Credit) In this course, students delve deep into Earth's bodies of water and study geologic structures and how they impact the oceans. They investigate characteristics of various populations, patterns of distribution of life in our aquatic systems, and ongoing changes occurring every day in our precious ecosystems. Expect students to be amazed at and enlightened by just how much our oceans and lakes affect climate, weather, and seasonal variations. Students also have the opportunity to explore the relationships among living organisms and see how they are affected by our oceans' currents, tides, and waves. It is one amazing journey!

Physical Science / Physical Science Honors (1.0 Credit) This interactive, 21st-century course focuses on basic physics



and chemistry. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, and chemical bonding and reactions. The course is designed to serve as a foundation for the study of the physical sciences. Students will use scientific inquiry, Web 2.0 tools, interactive experiences, higher-order thinking, collaborative projects, real-world application through labs, and a variety of assessments. Ultimately, students demonstrate a vast understanding of the importance of the physical and chemical properties of the world around them, enabling them to apply these properties to their everyday lives.

Physics / Physics Honors (1.0 Credit) Whether by observation, experimentation, or brilliant insight, the progress of physics through the centuries has been advanced by scientific geniuses who wanted to know how things work. Students find out for themselves when they take this course and “visit” Physics World. In each module, they discover the contributions of geniuses like Galileo, Newton, and Einstein. Through their

work, students learn the concepts, theories, and laws that govern the interaction of matter, energy, and forces. From tiny atoms to galaxies with millions of stars, the universal laws of physics are there for students to observe and apply. Using laboratory activities, videos, software, and websites, they follow in the footsteps of some of the world’s greatest thinkers. This course makes students think about as well as appreciate the beauty and importance of the science that governs our lives.

curriculum supplements

AP® Biology Kit

AP® Biology Lab Manual for Students, College Board Publications,

Discovery Education™ *streaming*

Graphical Analysis

Mastering Biology, Pearson Education, Text **1**

Mechanical Universe video

SAS® Curriculum Pathways®

Virtual Lab: Evolution Lab, Pearson Education,

Virtual Lab: Fly Lab, Pearson Education,

Virtual Lab: Leaf Lab, Pearson Education,

1 Indicates that this textbook is available as an online text.



SOCIAL STUDIES 9–12

Through these courses, students receive an overview of the most important cultural, socioeconomic, and political events in United States and world history. They also study the most influential people of critical historical periods. All high school social studies courses are designed to be thought-provoking, sharpening the student's ability to question, read, analyze, and interpret different forms of information and better communicate ideas to others.

Economics / Economics Honors (0.5 Credit) The purpose of this course is to help students become smart consumers who understand the flow of an economy between individuals, businesses, governments, and the rest of the world. Understanding economics means thinking about how scarcity, or limited resources, requires us to make choices and evaluate one option against others. In this course, students study examples of economics in daily life and learn how the economic choices of larger groups, like businesses and governments, affect them and others. As students progress through the course, they recognize that the costs and benefits of choices connect individuals and groups around the world.

AP Macroeconomics (0.5 Credit) Students assist the leader of the Macro Islands who is running for reelection next year. The economy is in shambles, and they need to come up with some feasible solutions that help the people and also ensure a victory for the islands' leader. In order to succeed, students need to learn everything they can about macroeconomics and the Macro Islands' economy. This course aids students in understanding the choices they must make as producers, consumers, investors, and taxpayers, and provides

them with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants.

AP Microeconomics (0.5 Credit) Students learn about microeconomics by playing the role of president of the Sunny Seas Shell Company. In this role, students learn the fundamental microeconomic concepts that help them manage the business. They examine supply and demand, factors of production, the roles of labor and management, money and banking, and the impact of government policies on individuals' economic decisions.

AP Human Geography (1.0 Credit) This AP course is designed to provide college-level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. Students use geographic models, methods, and tools to examine human social organization and its effect on the world in which we live. Students are challenged to use maps and geographical data to examine spatial patterns and analyze the changing interconnections among people and places.



U.S. Government / U.S. Government Honors (0.5 Credit) The U.S. Constitution asserts, "Governments are instituted among Men, deriving their just Powers from the Consent of the Governed." The purpose of this course is to help students become informed and active citizens. Responsible citizenship means more than just paying taxes; it means understanding the principles and practices of government. It also means forming beliefs about the definition of good government. In this course, students take on the roles of Washington, D.C., interns and spend time working throughout the nation's capital with all three branches of the government and beyond. As students progress through their internships they gain a greater understanding of the history of the country's beginnings and knowledge of how government functions at the local, state, and national levels.

AP United States Government and Politics (0.5 Credit) "Lights, camera, action!" Prepare to study the intricacies of the American political culture. The script is written and the actors participate daily in the drama of American politics. Students

are “on location” to delve into primary source documents, and go behind the scenes with stars such as the president, members of Congress, and Supreme Court justices. They research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. Finally, students witness the large-scale production of policy building in the areas of economic/social policy, foreign policy, and public administration.

U.S. History / U.S. History Honors (1.0 Credit) In this course, students look at some of the most profound questions that thoughtful Americans still debate. They research many important events throughout the history of America and, in the process, witness the development of America from its first settlers to its superpower status of today. Questions about slavery, regulation of business, religious freedom, and how to maintain a stable world order have always been part of the American experiment. Few of the answers are simple. To develop their personal beliefs, students use verified sources, including original documents and the writings of people contemporaneous to the events. Equally important, this course challenges students to apply their knowledge and perspective of history to interpret the events of today.

AP U.S. History (1.0 Credit) This challenging course is designed to provide a college-level experience and prepare

students for the AP Exam in early May. Students are engaged in a wide variety of activities, with substantial emphasis on interpreting documents, writing analytical essays, and mastering factual content. Woven into the chronology of the course are the key themes of American history. Issues of American identity, diversity, religion, and culture are examined. Economic transformations, the development of political institutions, and reform movements are evaluated. War, slavery, and demographic changes are assessed. Globalization and environmental issues are analyzed. These themes appear consistently in the course as the student journeys through broader course topics such as colonial and antebellum life, Civil War and Reconstruction, the Gilded Age—and on to modern America.

World History / World History Honors (1.0 Credit) Whether they lived 3,000 or 100 years ago, people have always made history. Regardless of whether they lived



World History

in medieval Europe or ancient Egypt, those who came before us are responsible for what we have today. In this course, each student takes on the job of “curator” of the Windows of the World Museum where he or she learns about the many wings of the museum and has the opportunity to speak with the director (teacher) about the exhibits. Students join others in the exploration of ancient and modern civilizations, studying their impact on and contributions to today’s global society. The course allows students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. They use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings.

CURRICULUM SUPPLEMENTS

Discovery Education™ *streaming*
The Enduring Vision, Holt McDougal,
 Text **1**
 SAS® Curriculum Pathways®
Wilson’s American Government, Holt
 McDougal, Text **1**

1 Indicates that this textbook is available as an online text.

ADDITIONAL COURSES AND ELECTIVES 9–12

A number of new electives are offered, including the Career Technical Education (CTE) courses below. These courses give students a solid academic foundation, technical knowledge, and skills training in a wide variety of fields, and they help prepare students for career or college success.

Anatomy and Physiology (0.5 Credit) Students learn about anatomical structures and physiology of the human body. Body systems are discussed in terms of how each participates in homeostasis of the body. Students learn about selected major pathologies, including causes, symptoms, diagnostic procedures, and treatments, as well as common changes that occur throughout the life span.

Business Law (0.5 Credit) Students explore principal areas of business law and topics such as torts, crimes, intellectual property, contracts, negotiable instruments, agency, employment, and forms of business organization. They learn rules of law and legal terminology, as well as legal solutions for business-related issues.

Computing for College and Careers (1.0 Credit) In this course, students acquire marketable skills that make them attractive job candidates and help them build a career foundation. Students learn essential business-related software and use computers effectively for communication. They study strategies for creating positive working relationships and gain technology skills that will enhance their productivity in the workforce and make them valuable assets to employers. This course prepares students to take the Microsoft Office Specialist certification exam.

Criminal Investigation (0.5 Credit) Students examine the process of identifying and arresting criminal suspects, types of crimes and offenses, and preparing for court. They study the history of criminal investigation and explore the relationship between investigation and the courtroom process by examining case studies.

Foundations of Web Design (1.0 Credit) Students learn through interactive, real-world scenarios in which they play the role of interns at a local business. Through various projects, students study principles such as good design, HTML, how to use Adobe CS6 Dreamweaver and Photoshop, and how to create websites. This course is designed to provide students with opportunities to acquire and apply basic skills related to web design.

Introduction to Law (0.5 Credit) Students receive an overview of substantive and procedural areas of law and legal practice. They explore the legal profession, courts, ethics, sources of law, and alternative dispute resolution systems, and they analyze an application of law to factual circumstances.

Research Methods (0.5 Credit) Students practice the fundamentals of scientific research methodology by examining a social issue. They develop a research question, find and evaluate existing research, and design and implement an objective research method.

User Interface Design (1.0 Credit) Building on the skills learned in Foundations of Web Design, students learn advanced web techniques for enhancing the visitor's experience. With a focus on working with clients, instruction addresses topics such as how websites are used and how to tweak them based on customer needs. Concepts covered include appropriate use of templates, search engine optimization, website security and validation, and troubleshooting. Students gain experience designing with cascading style sheets (CSS) and gain workplace skills and knowledge of how businesses work.

WORLD LANGUAGES

Chinese I (1.0 Credit) In this course, students learn the basics of the Chinese language. After one semester, they are able to engage in conversation in Chinese, count from 1 to 1,000, and form simple sentences in both spoken and written Chinese. They also learn 160 “magical” Chinese characters and get to know the language as well as the culture. The course provides a general knowledge of Pinyin, Mandarin Chinese, Chinese dialects, and Chinese characters.

Chinese II (1.0 Credit) Chinese II enables students to further develop the communication skills of listening, speaking, reading, and writing Mandarin Chinese at a more advanced level. They are immersed in Chinese culture as virtual exchange students in China. Virtual excursions from one Chinese city to another expand their vocabulary, helping them learn to interact with others and use appropriate terms to communicate in a variety of everyday situations.

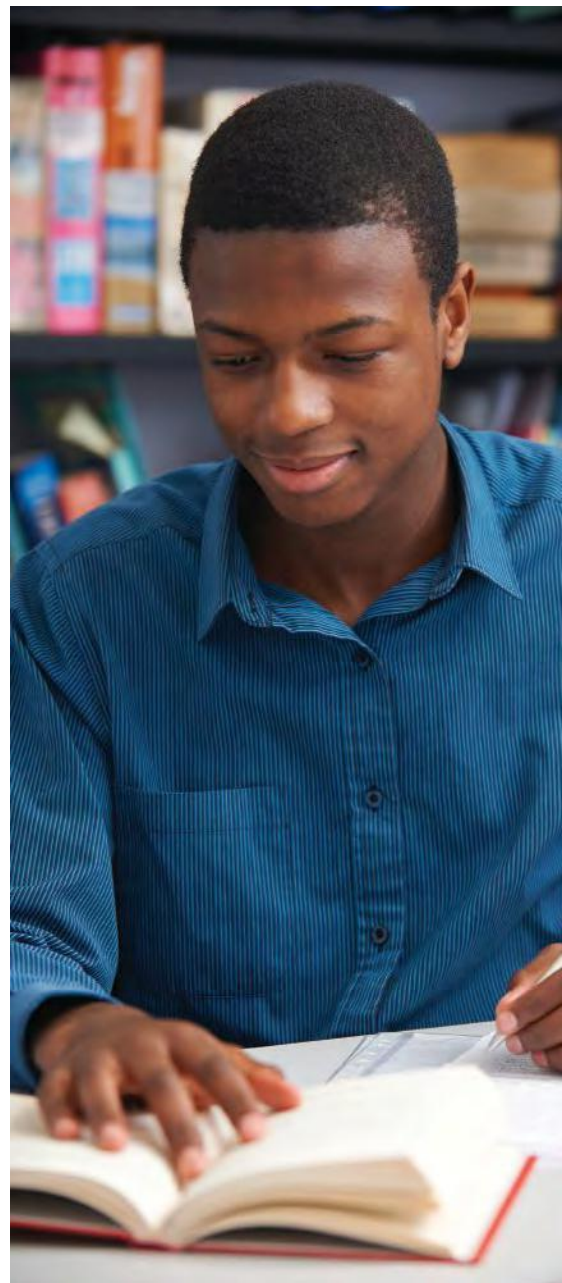
Chinese III Honors (1.0 Credit) Students continue to expand their knowledge in Mandarin Chinese by building their vocabulary, sentence patterns, and grammar. They enhance their listening and speaking skills, pronunciations, and intonations, and learn more in-depth reading and writing strategies and skills. Students write simplified Chinese characters in various formats including journals, letters, invitations, and essays, and they increase their knowledge of Chinese culture including the origins, histories, anecdotes, and etiquettes

for various settings, events, and occasions. Chinese III is an Honors-level course.

French I (1.0 Credit) Students learn the French language through interactive listening and speaking exercises, games, and written practice. As they explore the people, geography, and cultures of France, Canada, and other French-speaking regions, student learn to speak and write simple sentences and to count to 1,000. They acquire the grammar and vocabulary needed to greet people, introduce themselves, and exchange information with others. New words and phrases are introduced with pictures, audio clips, and examples, helping students build fluency and gain an understanding of the structure of the language.

French II (1.0 Credit) This course broadens students’ vocabulary and knowledge of French grammar through immersion in the language and culture of French-speaking countries. Through the use of engaging and interactive videos, dialogues, presentations, self-checks, and more, students gain fluency in speaking, reading, writing, and listening to the language.

Sign Language I (0.5 Credit) This course introduces students to the fundamentals of American Sign Language. Students explore vocabulary, grammar, and conversation, using basic signing and fingerspelling techniques. Special activities and exercises also help students understand the culture of the deaf and hard-of-hearing.



ADDITIONAL COURSES AND ELECTIVES 9–12 (continued)

Spanish I (1.0 Credit) Students learn Spanish through interactive listening and speaking exercises, games, and written practice. As they explore the cultures of Spain, Cuba, Colombia, and Argentina, students acquire the grammar and vocabulary needed to practice conversational skills such as greeting people and introducing themselves, as well as discussing more complex everyday topics. They build fluency and gain an understanding of the structure of the language by learning about geography, food, celebrations, and traditions from each place.

Spanish II (1.0 Credit) Students broaden their Spanish vocabulary and knowledge of grammar as they explore Central America and the Caribbean by virtually spending time in museums, traffic jams,

and even the hospital. As they learn about the people and cultures of these places, students practice and strengthen skills of listening to, speaking, reading, and writing the Spanish language.

Spanish III (1.0 Credit) Students build their vocabulary and communication skills even further in Spanish III. Advanced grammar, including the study of tenses, sentence structure, and punctuation, is covered. Students also practice correct accents and learn to comprehend real-world native speech.

AP Spanish Language* (1.0 Credit) Students become proficient at integrating language skills and synthesizing written and aural materials, grammatical structures, the formal writing process, interpersonal and presentational

speaking and writing practice, and aural comprehension. Engaging course content and interactive simulations give students opportunities to practice reading, writing, and speaking. They are exposed to literary texts of Spanish-speaking countries as well as historical and current events through newspapers and magazines; music, movie, radio, and television productions; and virtual visits. The instructor and students communicate almost exclusively in Spanish, and all the course materials are written in Spanish.

*Pending approval





Spanish for Spanish Speakers (1.0 Credit)

Students with a Spanish heritage learn to develop, maintain, and enhance proficiency in their native language by reinforcing and acquiring skills in listening, speaking, reading, and writing, including the fundamentals of Spanish grammar. The course content reflects the cultural values of Spanish language and societies, allows students to gain a better understanding of the nature of the language, and increases their awareness and a appreciation of different Hispanic cultures. Spanish is used exclusively in the course.

HUMANITIES AND ENGLISH

Art History (1.0 Credit) Students begin by exploring the basic elements of art and its role in history, examining works from Paleolithic times to the Roman

Empire. The goal is to enhance students' understanding of ancient history and show how art is both a reflection and engine of history.

AP Art History (1.0 Credit) This course, which is divided into two 18-week semesters, is designed to provide college-level instruction in art history and prepare students for the AP Exam. Students examine a variety of cultures and major forms of artistic expression from the past and present. They learn to look at works of art critically and to articulate what they see or experience.

Journalism (1.0 Credit) In this course, students explore the history of journalism in the United States, from its inception in the colonies and its key role in the First Amendment all the way up to present-day issues regarding “right to know” and the changing landscape

of journalistic media in the 21st century. Students acquire the skills and information needed to actively participate in the consumption, analysis, and creation of news media and have the opportunity to investigate the constantly evolving career opportunities within the field of journalism.

- **Living Music (I and II)—a Juilliard eLearning course (0.5 Credit)** These courses are designed to teach students fundamental musicianship skills from a Western classical approach, while aligning to national music education standards. With audio, visual, and interactive technologies provided by both The Juilliard School and Connections Education, these courses provide a unique and advanced learning experience for high school students.

Reading for College Success (0.5 Credit)

Reading is a vital skill in academics and in the working world. This course provides students with the necessary tools, such as discerning fact from opinion and bias from objectivity, to be active members of a 21st-century world where success in reading often equates with success in life. This course is designed for 11th and 12th graders needing to pass the CPT or PERT college entrance exams; it is not intended for FCAT preparation or students in grades 6–10.

Speech and Debate (0.5 Credit) Using video tutorials, students study verbal and nonverbal techniques to use when presenting simple and complex ideas and when speaking to a group. Techniques of famous orators,

- Designates a brand new course.

ADDITIONAL COURSES AND ELECTIVES 9–12 (continued)

past and present, are also introduced. Students learn how to speak persuasively, develop position statements, support their arguments, and think analytically. Brainstorming techniques, media analysis, research skills, and presentation strategies are also discussed.

TECHNOLOGY

AP Computer Science (1.0 Credit) Students must take the Advanced Placement Exam® in order to receive AP credit, otherwise they will receive credit for a non-AP-level equivalent course. Equivalent to the first semester of a college-level course, students develop the skills to write programs or parts of them to solve specific problems. They

also learn design fundamentals that make programs understandable, adaptable, and reusable; are introduced to the development and analysis of algorithms and fundamental data structures; and study standard algorithms and typical applications. Understanding basic hardware and software system components is an integral part of the course.

Introduction to Computers and Applications (1.0 Credit) This course helps students understand hardware, software, and operating systems. Topics include hardware features and commonly used business applications. Students learn the basics of creating a

word-processing document in Microsoft Word®, a spreadsheet in Excel®, and PowerPoint® presentations. Internet safety skills are also covered, including the effective use of search engines and respect for intellectual property rights. Students also create their own presentations on subjects such as cyberbullying.

HEALTH AND PHYSICAL EDUCATION

Fitness Lifestyle Design (0.5 Credit) In Club Web, students learn healthy habits of body and mind, measure their beginning fitness level and nutrition knowledge, and create an individual plan for achieving their goals. Club Web combines the expertise of a professional fitness staff with natural surroundings perfect for fun and relaxation. Activities include golf, tennis, racquetball, biking, the health and fitness center, and the walking and jogging trail. Students leave Club Web with improved flexibility, enhanced cardiovascular fitness, and increased strength and endurance. The goal is to help students experience the benefits of exercise, good diet, and proper weight.

Health Opportunities through Physical Education (HOPE) (1.0 Credit) At the start of this course, students assess their current physical condition and define personal goals. They apply fitness training principles to workouts to enhance their improvement in health-related and skill-related areas of fitness. Students maintain a workout log to track





their physical activity each week and assess their progress. Additional course topics challenge students to be educated consumers, manage stress, choose nutritious foods, make healthy lifestyle choices, be effective members of a team, and influence others in their community in a positive way. Projects challenge students to seek solutions for cultural issues facing teens today.

Life Management Skills (0.5 Credit) This course provides an opportunity for students to explore important decisions they may have to make as teenagers. It includes important information pertaining to issues such as nutrition, substance abuse, coping with stress, and sexuality. The course teaches students how to be savvy consumers in a world of advertising and credit cards, and it also reviews Earth-friendly practices.

Personal Fitness (0.5 Credit) In this course, students learn to live a healthy life as they travel through the virtual town of Wellville. Topics include exercise, conditioning, diet and nutrition, managing stress, and other ways to prevent health problems before they occur. Students begin by assessing their current physical condition. They work with a “personal trainer” (teacher) to set realistic goals and develop a fitness program tailored to their individual needs. Students also keep workout logs and measure their progress toward personal health-related objectives.

SAFETY AND DRIVER EDUCATION

Driver Education/Traffic Safety (0.5 Credit) In this course, students study the Highway Transportation System, road signs, rules of the road, accident avoidance, and how to make good choices behind the wheel. They begin to

develop the skills necessary to become safe, responsible Florida drivers. Students view many road simulations throughout the course designed to help increase their knowledge of real-world driving. This course covers the Florida Department of Highway Safety and Motor Vehicles’ required completion of the Traffic Law and Substance Abuse Education (TLSAE) course. After successfully completing the course, students receive a waiver certificate that is one necessary step toward getting a learner’s permit at the local DMV.

SCIENCE

Environmental Science (1.0 Credit) Environmental Science is an opportunity to study the fundamentals of ecology and investigate ways to protect the environment. Students review the scientific method along with the water and carbon cycles. They also take a detailed look at various kinds of pollution and ways to safeguard our natural resources.

AP Environmental Science (1.0 Credit) The goal of AP Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world and to identify and analyze environmental problems that are natural or human-made. Students evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing problems. Laboratories support students’ content mastery through both hands-on and virtual experiences.

ADDITIONAL COURSES AND ELECTIVES 9–12 (continued)

SOCIAL STUDIES

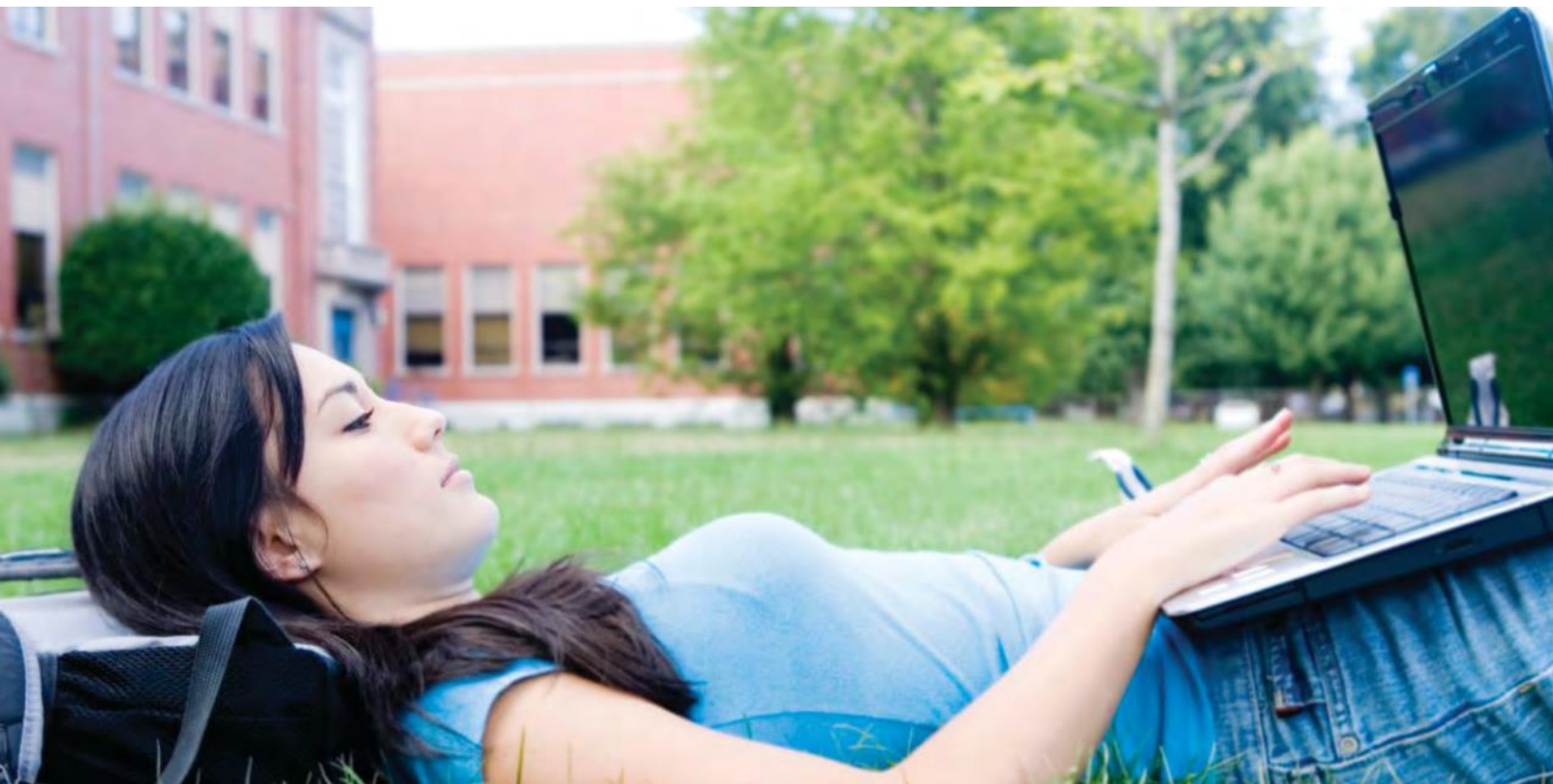
- **Leadership Skills Development (1.0 Credit)** Based on proven methods developed by Mawi™ Learning, a leadership training organization that has worked with more than one million students, this course helps students acquire success skills for high school, college, and life. They learn how to take action by pressing their Turbo Button, to manage time by staying in the Lasting Zone, to

chart goals by creating a North Star, and more. Whether students are struggling or at the top of their game, Leadership Skills Development empowers them to create the life of their dreams.

Psychology I (0.5 Credit) In this course, students learn more about themselves and others, including how to break a habit and how to cope with stress. They are introduced to the psychological facts, principles, and phenomena associated

with each of the subfields within psychology. Students learn about various mental disorders, dream interpretations, and how feelings, thoughts, and actions are closely related.

- Designates a brand new course.



CLUBS AND ACTIVITIES 9–12

● **Beta Delta Sigma Math Club** This club is a great way for students to use their math skills and become more proficient in this important subject.

● **Chess Club** This club is designed to expand interest in the game of chess as well as sharpen player skills across all ability levels.

Creative Writing Club This club is for students who love to write! The FLVS FT Creative Writing Club gives students the opportunity to chat with others about their latest work, learn how to improve their writing, get tips for getting published, and more.

Fine Arts Club In this club, students who have an interest in music, drama, or art work together with their peers to create virtual productions.

● **FITT Club** Students who join the FITT Club get to work on a healthy and fit lifestyle.

Future Business Leaders of America This club prepares students for “real-world” professional experiences and provides travel opportunities, challenging competitions, scholarships and prizes, leadership development, community service experience, friendship, and fun.

History Club Members enjoy field trips to historical sites, book and movie discussion groups, and talks with authors and historians, and they participate in the Florida History Fair and National History Day.

International Club Activities celebrate and promote an understanding of and respect for the diverse cultures, languages, and heritages of the students in our schools, local communities, and beyond.

Latin Club This club encourages an interest among students for an appreciation of the culture, language, and literature of ancient Rome.

Model United Nations A United Nations simulation teaches students how to use 21st-century skills to address real-world problems by using collaboration, digital literacy, writing, diplomacy, and debate. Members travel around the state to attend conferences and discuss issues affecting their own and future generations.

National English Honor Society Members serve as tutors for the English Tutor Room, and they host several online book discussions, the African American Read-In, and other events. See if you qualify!

National Honor Society Students in grades 10 through 12 who demonstrate excellence in the areas of scholarship, leadership, service, and character can obtain membership in the National Honor Society (NHS). NHS recognizes students for their accomplishments and challenges them to further develop through active involvement in school activities and community service.

● **Newspaper Club** Explore the field of journalism, creative writing, and news reporting with other student writers as they create the student newspaper.

Science Club Members work with the Science Club on Science Fair, Science Olympiad, and other science events.

Science Honor Society This club is open to juniors and seniors with a 3.0 GPA or higher. Students should be enrolled in at least two Honors or AP science courses during or prior to the school year in which they join the club. Members work with the Science Club on Science Fair, Science Olympiad, and other science events.

● **Spanish Honor Society** The Sociedad Honoraria Hispánica (SHH) is an honor society for high school students enrolled in Spanish and Portuguese and is sponsored by the American Association of Teachers of Spanish and Portuguese.

● **Student Ambassadors** Join other students to assist teachers in live sessions, and help promote FLVS FT on Facebook and to legislators.

Teen Driving Club This club is made up of teens and teachers who educate others about driving distractions. Members work together to create a safe driving environment for teens while giving parents the tools and services they need to significantly affect and improve their teen’s driving behavior.

COURSE LISTING 9–12

English

English I A*
 English I B*
 English II A*
 English II B*
 English III A*
 English III B*
 English IV A*
 English IV B*
 Journalism I A
 Journalism I B
 Reading for College
 Success
 Speech and Debate

Math

Advanced Algebra with
 Financial Applications A
 Advanced Algebra with
 Financial Applications B
 Algebra I A*
 Algebra I B*
 Algebra II A*
 Algebra II B*
 Calculus A†
 Calculus B†
 Geometry A*
 Geometry B*
 Math for College Readiness A
 Math for College Readiness B
 Precalculus A†
 Precalculus B†

Science

Biology A*
 Biology B*
 Chemistry A*
 Chemistry B*
 Earth Space Science A*
 Earth Space Science B*
 Environmental Science A
 Environmental Science B
 Marine Science A*
 Marine Science B*
 Physical Science A*
 Physical Science B*
 Physics A*
 Physics B*

Social Studies

- Economics*
- Leadership Skills
Development A
- Leadership Skills
Development B

U.S. Government*
 U.S. History A*
 U.S. History B*
 Psychology I
 World History A*
 World History B*

Career Technical Education

- Anatomy and Physiology
- Business Law
- Computing for College
and Careers A
- Computing for College
and Careers B
- Criminal Investigation
- Foundations of Web Design A
- Foundations of Web Design B
- Introduction to Law
- Research Methods
- User Interface Design A
- User Interface Design B

Health and Physical Education

Fitness Lifestyle Design
 Health Opportunities through
 Physical Education A
 Health Opportunities through
 Physical Education B
 Life Management Skills
 Personal Fitness

World Languages

Chinese I A
 Chinese I B
 Chinese II A
 Chinese II B
 Chinese III A†
 Chinese III B†
 French I A
 French I B
 French II A
 French II B
 Sign Language I A
 Sign Language I B
 Spanish I A
 Spanish I B
 Spanish II A
 Spanish II B
 Spanish III A
 Spanish III B
 Spanish for Spanish Speakers A
 Spanish for Spanish Speakers B

Humanities

- Art History A
- Art History B
- Living Music (I and II)

Safety and Driver Education

Driver Education / Traffic Safety

Advanced Placement

AP Art History A
 AP Art History B
 AP Biology A
 AP Biology B
 AP Calculus AB A
 AP Calculus AB B
 AP Calculus BC A
 AP Calculus BC B
 AP Computer Science A
 AP Computer Science B
 AP English Language and
 Composition A
 AP English Language and
 Composition B
 AP English Literature and
 Composition A

AP English Literature and
 Composition B
 AP Environmental Science A
 AP Environmental Science B
 AP Human Geography A
 AP Human Geography B
 AP Macroeconomics
 AP Microeconomics
 AP Spanish Language A
 AP Spanish Language B
 AP Statistics A
 AP Statistics B
 AP United States Government
 and Politics
 AP United States History A
 AP United States History B

* Also offered as an Honors course.

† Only offered as an Honors course.

● Designates a brand new course.





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