



SchoolsPLP Academy



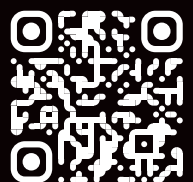
Trusted & Approved K-12 Private School

grades
9-12

High School 24/25 Course Listings



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SchoolsPLP Academy

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The **SchoolsPLP Academy** curriculum ensures that all required courses including Mathematics, English, Science, Social Studies, and Electives are robust and provide a well-rounded education. Our user-friendly platform provides students with easy access to a wide range of educational choices, and resources, enhancing their learning experience. This approach equips students with the skills and knowledge they need for future success.

Credit Requirements

All of SchoolsPLP Academy courses are robust and meet the needs of different learning styles through our interactive curriculum and support from certified teachers. The table below summarizes the minimum credit requirements for high school graduation.

SUBJECT	CREDITS
English	4 credits
Mathematics	4 credits
Science	3 credits
History & Social Studies	3 credits
Fine Arts or Career & Technical Education	1 credit
Elective Courses	7 credits

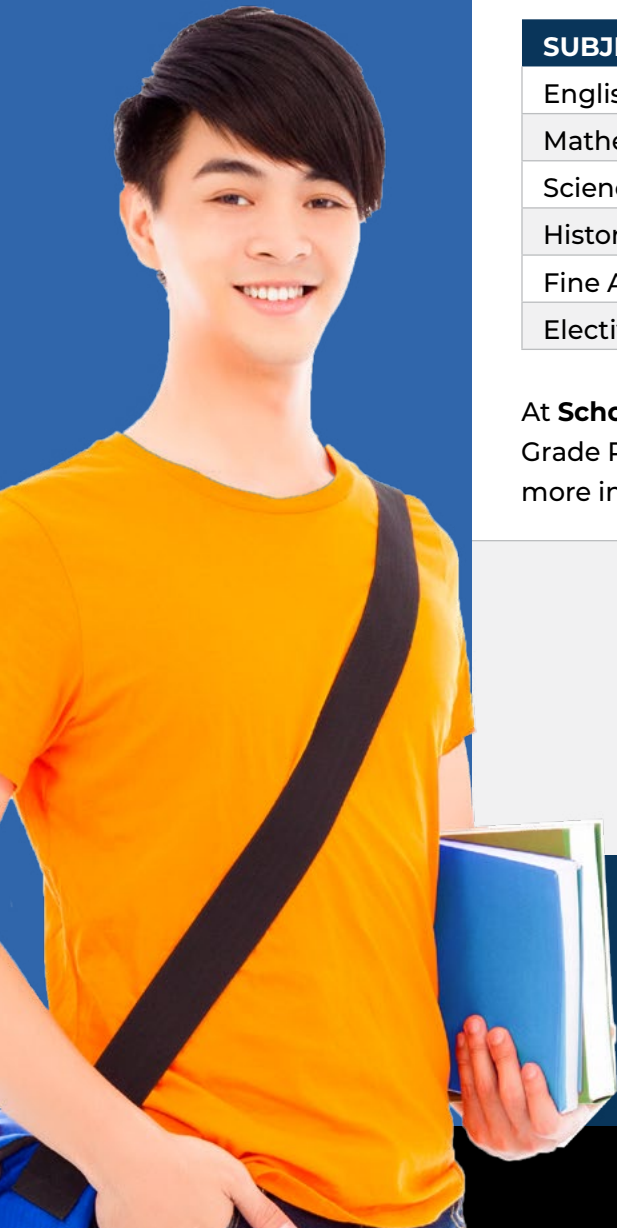
At **SchoolsPLP Academy** we offer Letter Grades, Percentage Scores and Grade Point Average (GPA) for all students. Please refer to the table below for more information.

GRADE	PERCENTAGE	GRADE POINT
A	90-100%	4.0
B	80-89%	3.0
C	70-79%	2.0
D	60-69%	1.0
F	0-59%	0.0

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SchoolsPLPAcademy.com



Mathematics

SchoolsPLP Mathematics curriculum brings your student on an exciting journey of discovery, one equation at a time. Each Mathematics course is designed to teach mathematical theories while nurturing problem-solving, logical reasoning, and analytical thinking. Students will learn how to solve complex problems with confidence.

Course Name

Algebra 1
Algebra 2
Geometry
Integrated Math 1
Integrated Math 2
Integrated Math 3
Pre-Calculus
Real-World Math

Track 1

Algebra 1

GRADE 9, 10, 11, 12 Mathematics SI | S2

Algebra 1 is a comprehensive, yearlong course that lays the foundational concepts for all future mathematics courses. It covers ten units including the foundations of algebra, linear equations, functions, polynomials, and more complex topics like exponential functions, as well as sequences and series. Students will learn to apply algebra to real-world situations, translating them into algebraic expressions and solving various equations and inequalities. The course emphasizes practical applications and in-depth understanding of algebraic principles, such as graphing linear and quadratic equations, working with functions, and exploring the properties of polynomials and rational expressions.

Algebra 2

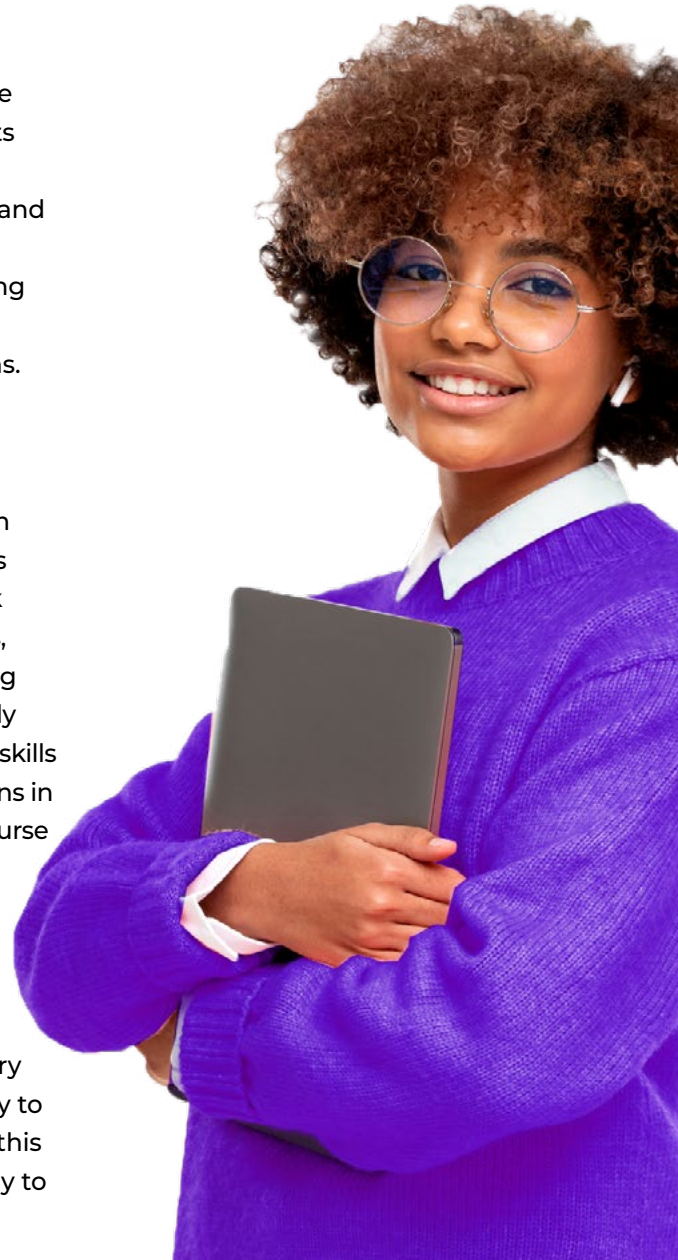
GRADE 9, 10, 11, 12 Mathematics SI | S2

Algebra 2 is designed to deepen understanding and proficiency in a range of algebraic concepts, meeting the rigorous requirements of the Common Core State Standards (CCSS). As students embark on this mathematical journey, they will explore complex numbers, quadratic functions, polynomial expressions, and beyond, ensuring a comprehensive grasp of Algebra 2 principles. The course not only emphasizes the mastery of skills but also the application of these skills in solving real-world problems. From crafting and solving equations in various forms to interpreting complex number operations, this course provides a robust foundation in high-level algebra.

Geometry

GRADE 9, 10, 11, 12 Mathematics SI | S2

Embark on a geometric journey that unveils the beauty and precision of spatial reasoning with our comprehensive Geometry course. From the foundational principles of Euclidean geometry to the intricacies of trigonometric relationships and solid figures, this course equips students with the tools and techniques necessary to explore and analyze the world of shapes and spatial structures.



Mathematics

Course Name
Algebra 1
Algebra 2
Geometry
Integrated Math 1
Integrated Math 2
Integrated Math 3
Pre-Calculus
Real-World Math

Track 2

Integrated Math 1

GRADE 9, 10, 11, 12 Mathematics S1 | S2

Integrated Math 1 provides a comprehensive foundation in algebra, geometry, and trigonometry, emphasizing connections between mathematical concepts and real-world applications. Through a series of structured units, students will develop essential problem-solving progresses from fundamental algebraic concepts to more advanced topics like functions, geometry, and quadratic equations.

Integrated Math 2

GRADE 9, 10, 11, 12 Mathematics S1 | S2

Integrated Math 2 is designed to build upon the mathematical concepts introduced in Integrated Math I, focusing on exponential and logarithmic equations and functions, polynomials, radicals and complex numbers, matrices, angles, congruence and similarity, sequences and series, probability, statistics, and triangles. Students will develop critical thinking and problem-solving skills as they explore these topics and their applications in real-world scenarios. The course emphasizes the development of mathematical fluency, reasoning, and communication skills necessary for success in higher-level mathematics courses and everyday life.

Integrated Math 3

GRADE 9, 10, 11, 12 Mathematics S1 | S2

Welcome to Advanced Integrated Mathematics 3! This course is designed to provide students with a comprehensive understanding of advanced mathematical concepts and their real-world applications. Throughout this course, students will explore topics ranging from geometric relationships and measurements to advanced algebraic concepts, including functions, trigonometry, vectors, complex numbers, and conic sections.



Fourth Year Only

Pre-Calculus

GRADE 9, 10, 11, 12 Mathematics S1 | S2

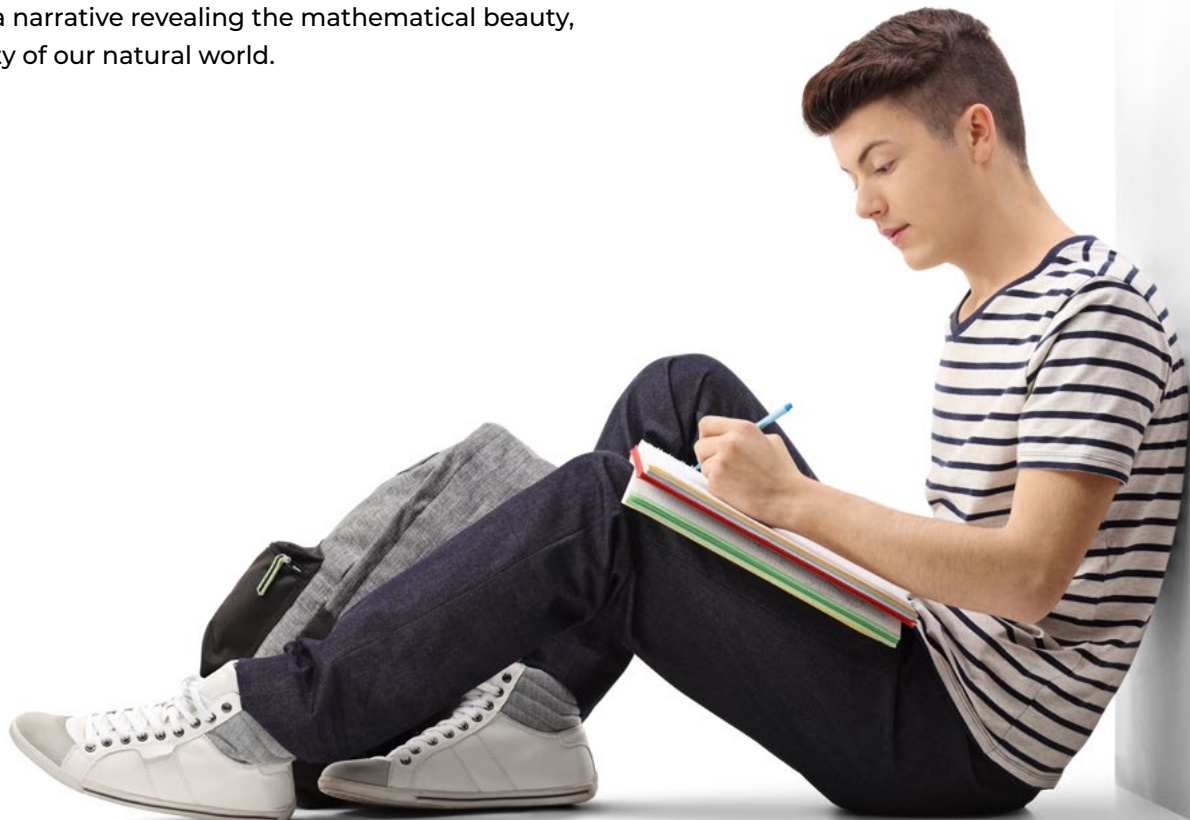
Pre-Calculus is an advanced mathematics course that prepares students for calculus, offering a comprehensive investigation of key concepts and applications. The course encompasses ten units, covering a wide range of topics such as equations and inequalities, functions, conic sections, trigonometric functions, and matrices. Students will delve into complex areas including the trigonometry of general triangles, vectors, probability, sequences and series, and advanced topics with real-world applications.

Real-World Math

GRADE 9, 10, 11, 12 Mathematics S1 | S2

Welcome to our journey through the fascinating world of mathematics. This high school mathematics course is designed to weave together the elegance of mathematics with the tangible experiences of the world around us. Through a series of ten carefully curated and CCSS (2024) aligned units, students will embark on a journey from the foundational elements of basic mathematical concepts to the sophisticated realms of statistical analysis, probability, personal finance, and the fascinating interplay between mathematics, art, and music. This course is not just about numbers; it's a narrative revealing the mathematical beauty, order, and complexity of our natural world.

Course Name
Algebra 1
Algebra 2
Geometry
Integrated Math 1
Integrated Math 2
Integrated Math 3
Pre-Calculus
Real-World Math



English Language Arts

Course Name

English 9

English 10

English 11

English 12

Discover rich stories, complex characters, and diverse settings through centuries of literary work. Students will gain a global perspective through the power of storytelling. Explore your student's love for literature while sharpening critical thinking and writing skills through SchoolsPLP's robust ELA curriculum.



English 9

GRADE 9, 10, 11, 12 Language Arts S1 | S2

The ELA 1 course is an in-depth exploration of English language and literature, designed to build a strong foundation in grammar, language mechanics, and literary analysis. Starting with a focus on grammar and language mechanics, students learn about parts of speech, sentence structures, and effective use of punctuation, ensuring a strong grasp of written English. The course then covers literary elements through the study of various genres, including short stories, poetry, drama, and global literature. Students also engage with informational texts and argumentation, developing skills in critical analysis, persuasive writing, and media literacy.

English 10

GRADE 9, 10, 11, 12 Language Arts S1 | S2

ELA 2 covers a wide range of language arts skills, including reading, writing, literature, drama, poetry, argumentation, and media literacy. The course is structured into ten units, each focusing on different aspects such as storytelling elements, literature analysis, nonfiction texts, research methodologies, and drama and poetry analysis. Students will develop an understanding of narrative and argumentative writing, enhance their skills in informational text analysis, and learn effective research and presentation techniques.

Course Name
English 9
English 10
English 11
English 12

English 11

GRADE 9, 10, 11, 12 Language Arts S1 | S2

ELA 3 is an advanced English Language Arts course designed for high school juniors and seniors, focusing on American literature from its early beginnings to contemporary works. The course is structured into ten units, including Romanticism, Transcendentalism, Realism, Naturalism, Modernism, the Harlem Renaissance, Post-War and Contemporary Literature, as well as Poetry, Song, and Dystopian Literature. Students engage in critical reading, writing, and rhetorical analysis. The course emphasizes language mechanics, the power of rhetoric, character and narrative analysis, and the exploration of various thematic and cultural contexts.

English 12

GRADE 9, 10, 11, 12 Language Arts S1 | S2

ELA 4 is a comprehensive high school course focusing on British Literature. Throughout ten units, students explore key periods in British literature, from the Medieval era to Modernism, understanding the historical and cultural contexts that shaped these literary works. The course emphasizes skill development in textual analysis, argumentative writing, critical thinking, and research, with exposure to a diverse range of classic and modern texts. Students will enhance their vocabulary and language skills through literary analysis and explore themes such as religion, identity, social change, and globalization.



Science

Course Name
Biology
Chemistry
Earth and Space Science
Environmental Science
Physics
Physical Science

Explore biology, chemistry, physics, and Earth's systems to understand the world around you. Through hands-on experiments and real-world applications, SchoolsPLP's Science curriculum sparks curiosity and inspire learning. Turn your student's natural wonder into a lifelong passion for discovery.

Biology

GRADE 9, 10, 11, 12 Science S1 | S2

The high school Biology course offers an exploration of life sciences, beginning with an introduction to biology and scientific methodologies, followed by in-depth studies of cell biology, genetics, and heredity. Students will learn about evolutionary biology and natural selection, gaining an understanding of the mechanisms that drive life's diversity and complexity. The course also covers ecology, where students learn about ecosystems, biodiversity, and human impacts on the environment. Human biology and physiology are explored, providing insights into body systems and their functions. The course includes studies of biochemistry, plant biology, microbiology, and the interconnectedness of Earth's systems with biology.

Chemistry

GRADE 9, 10, 11, 12 Science S1 | S2

The high school Chemistry course offers an in-depth study of chemical principles, starting with an introduction to chemistry, atomic structure, and periodic trends. Students explore chemical bonding, along with molecular geometry and polarity. The course delves into chemical reactions, stoichiometry, thermochemistry, and the laws governing chemical processes, equipping students with an understanding of chemical interactions and reactions. Advanced topics such as gas laws, solutions, solubility, electrochemistry, and organic chemistry are covered, providing insights into both theoretical and practical aspects of chemistry.



Science

Earth and Space Science

GRADE 9, 10, 11, 12 Science S1 | S2

Welcome to High School Earth and Space Science! This course is designed to provide students with a comprehensive understanding of Earth and space systems, exploring topics ranging from geological processes to celestial mechanics. Utilizing the Next Generation Science Standards (NGSS), students will engage in hands-on activities, scientific inquiry, and critical thinking to deepen their understanding of the natural world and humanity's place within it.

Environmental Science

GRADE 9, 10, 11, 12 Science S1 | S2

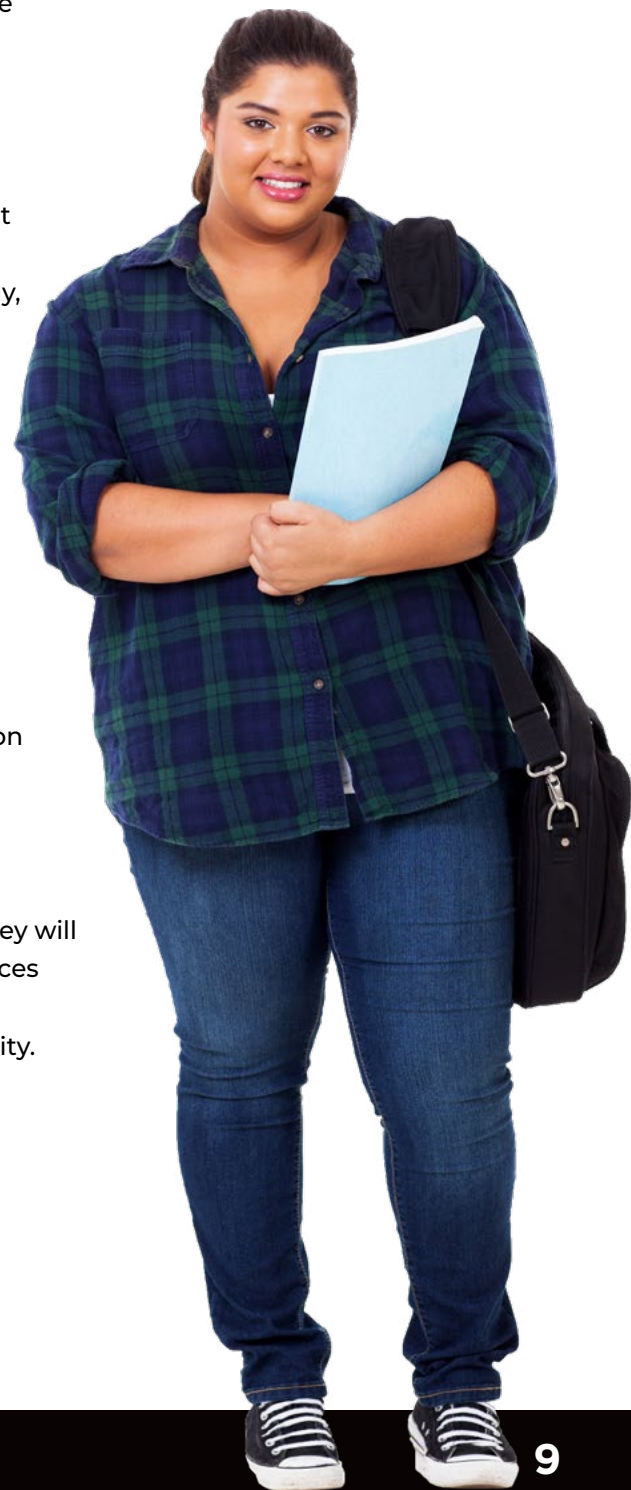
The Environmental Science course offers a comprehensive look at the planet's ecosystems, biodiversity, and the human impact on the environment. Students will cover the fundamentals of ecology, the importance of biodiversity, and the challenges facing natural resources, including water, soil, and mineral conservation. The course covers atmospheric science, emphasizing climate change, greenhouse effects, and strategies for mitigation and adaptation. Additional units focus on the hydrosphere and geosphere, exploring water and land pollution, waste management, and the importance of recycling.

Physics

GRADE 9, 10, 11, 12 Science S1 | S2

This captivating physics course offers a comprehensive exploration of the forces, energy, waves, electromagnetism, and engineering design that shape our physical world. Through engaging lessons and interactive activities, students will delve into Newton's laws, electromagnetic forces, energy transformation, wave properties, nuclear processes, stability, and the art of engineering design. They will gain a deep understanding of fundamental concepts, such as forces and motion, electric and magnetic fields, conservation of energy, reflection and refraction of light, and the principles of sustainability.

Course Name
Biology
Chemistry
Earth and Space Science
Environmental Science
Physics
Physical Science



Science

Course Name
Biology
Chemistry
Earth and Space Science
Environmental Science
Physics
Physical Science

Physical Science

GRADE 9, 10, 11, 12 Science S1 | S2

Embark on a thrilling journey into the dynamic realm of Physical Science, where the fascinating intersections of Physics, Chemistry, and Earth and Space Science await exploration! Our learning adventure kicks off by revisiting essential skills in Science and Math, providing a solid foundation for the exciting units that follow. Each step in this course is a building block, seamlessly incorporating key concepts and hands-on experiences to deepen your understanding. Join us in unraveling the mysteries of the physical world and forging connections between diverse scientific disciplines. Get ready for an engaging and enriching exploration that sparks curiosity and fuels a lifelong passion for understanding the wonders of the universe! Welcome to the captivating world of Physical Science!



Social Studies

Social studies courses are vital for students to learn about their country and as well as other global cultures. SchoolsPLP offers a variety of social studies and history courses for high schoolers to build a solid foundation in historical knowledge.

Course Name
U.S. Government
U.S. History
World Geography
World History

U.S. Government

GRADE 9, 10, 11, 12 Social Studies SEM

This U.S. Government course provides students with an understanding of the foundations and functions of American democracy, exploring the Constitution, Federalist Papers, separation of powers, and the Bill of Rights. The course explores the interactions among the branches of government, including Legislature, the Executive, and the Judicial Branches, along with the complexities of federalism, public policy, and the role of agencies and commissions. Students will study civil liberties and rights, focusing on key constitutional amendments, landmark Supreme Court cases, and contemporary issues in civil society.

U.S. History

GRADE 9, 10, 11, 12 Social Studies S1 | S2

This course provides a comprehensive overview of United States history from its early beginnings to contemporary issues. Students will explore key events, movements, and figures that have shaped the nation's development, from Indigenous societies and early European exploration to modern-day challenges. Through a combination of readings, discussions, and multimedia resources, students will gain a deeper understanding of the political, social, economic, and cultural forces that have shaped American society.



Social Studies

Course Name

U.S. Government

U.S. History

World Geography

World History

World Geography

GRADE 9, 10, 11, 12 Social Studies S1 | S2

This comprehensive course on World Geography is designed to cover significant geographic concepts, physical and human geography, and the pressing global issues of environmental sustainability. Through a series of 10 units, students will explore the diverse landscapes of the Earth, the intricate interplay between human activities and the environment, and the innovative solutions aimed at creating a sustainable future. Each unit incorporates inquiry-based questions to foster critical thinking, aligning with the Next Generation Science Standards (NGSS) on Human Impacts on Earth Systems and Global Climate Change, among others.

World History

GRADE 9, 10, 11, 12 Social Studies S1 | S2

This comprehensive World History course spans from early civilizations to the modern world, offering a deep dive into global history. Students begin with the ancient civilizations of Mesopotamia, Egypt, India, and China, understanding their contributions to human development. The journey continues through the classical period, medieval times, the Renaissance, and the age of exploration, highlighting significant cultural, political, and technological advancements. The course covers the World Wars, the Cold War, decolonization, and the rise of globalization, emphasizing their impact on contemporary society.



World Languages

Course Name

Spanish 1

Spanish 2

World Language study should be an integral part of an academic program for most students. The theoretical understanding of and practical experience of knowing more than one language prepares a student for a variety of intellectual disciplines that address the complex problems of contemporary society.

Spanish 1

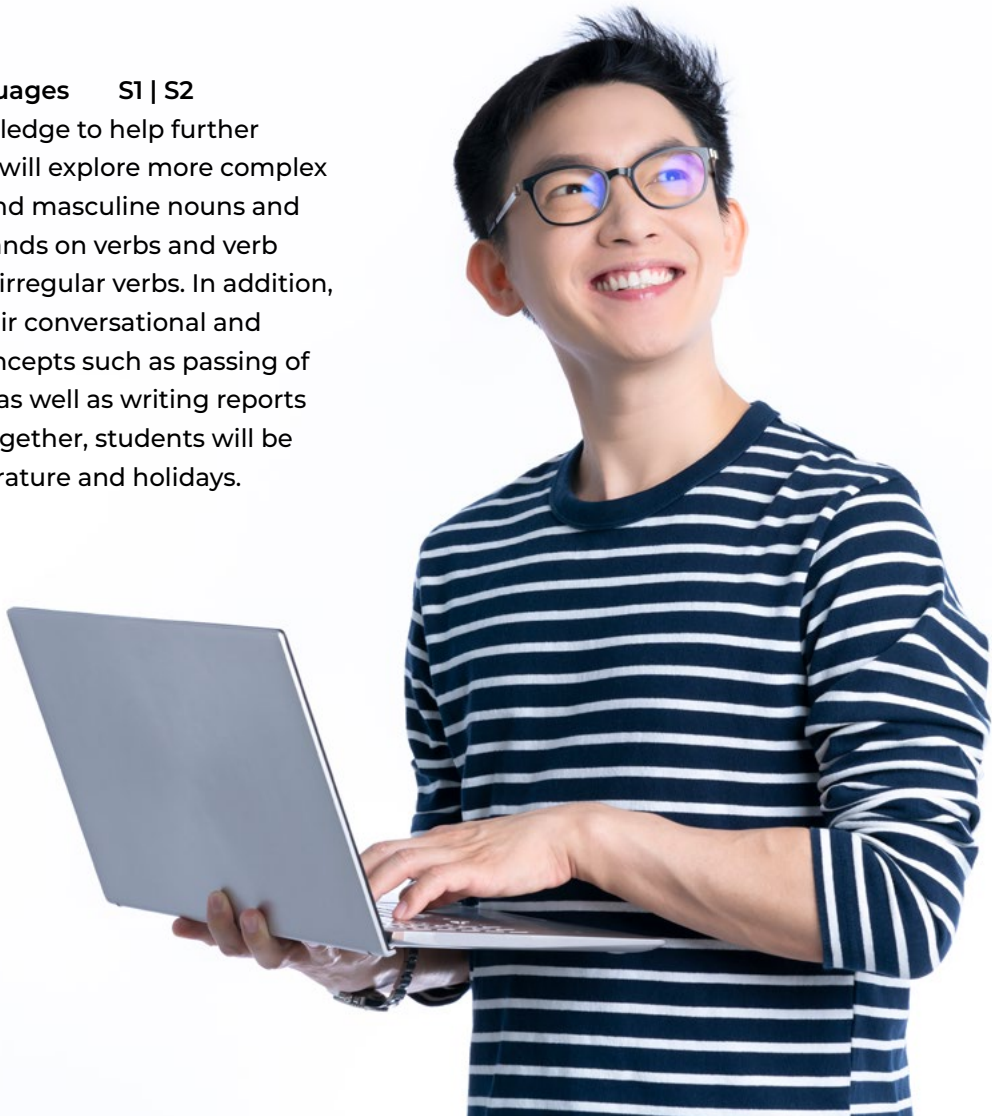
GRADES 9, 10, 11, 12 World Languages S1 | S2

Spanish 1 provides students with a fun and engaging way to build their foundation of the Spanish language. Students will start with basic vocabulary and work up to verb conjugations, parts of speech, and conversational skills. Lessons are structured to be interactive and provide students with many visual and auditory ways of practicing the language.

Spanish 2

GRADES 9, 10, 11, 12 World Languages S1 | S2

Spanish 2 builds on students' knowledge to help further mastery of the language. Students will explore more complex parts of speech such as feminine and masculine nouns and homophones. This course also expands on verbs and verb tenses, such as infinitive verbs and irregular verbs. In addition, students will learn and practice their conversational and functional Spanish by exploring concepts such as passing of time and descriptions of locations, as well as writing reports and invitations. To tie everything together, students will be immersed in culturally relevant literature and holidays.



Electives

Course Name
Art History
Career Preparation
Financial Literacy
Health
Physical Education
Psychology

High school is an exciting time where students can explore their interests even deeper and consider their postgraduation path in the workforce or college. Students enrolled in SchoolsPLP courses can expand on their interests in an environment that fosters exploratory and creative learning.

Art History

GRADE 9, 10, 11, 12 Electives S1 | S2

This Art History course will introduce high school students to the fascinating world of art, spanning various periods and cultures. Through the exploration of significant artworks and movements, students will develop an understanding of the evolution of art and its influence on societies throughout history. The course will include interactive discussions, visual analysis, and hands-on activities to engage students in critical thinking and creative expression.

Career Preparation

GRADE 9, 10, 11, 12 Electives S1 | S2

This high school career preparation course is designed as a comprehensive journey, guiding students through the intricacies of self-discovery, career exploration, and the development of essential skills for the workplace and beyond. Find the right career for you. Discover new careers you haven't thought about. Prepare documents to put your career plan in place. Discover and learn career options to match your current and future interests.



Electives

Financial Literacy

GRADE 9, 10, 11, 12 Electives SEM

This one-semester Financial Literacy course for high school students is designed to provide students with essential skills and knowledge for making sound financial decisions. Beginning with an introduction to personal finance, students learn about income types, taxes, job benefits, and financial planning. The course progresses to cover consumer behavior, budgeting, and smart purchasing, including understanding loans, credit scores, and effective debt management. A significant focus is placed on saving and investing, where students explore savings accounts, compound interest, and investment vehicles like stocks and bonds.

Health

GRADE 9, 10, 11, 12 Electives S1 | S2

This year-long comprehensive health education course provides students with the knowledge, skills, and understanding needed to maintain and improve their physical, mental, and social well-being. Through ten integrated units, students explore crucial aspects of personal and community health while developing practical skills for healthy decision-making and lifestyle choices. This course takes a holistic approach to health education, emphasizing the interconnection between physical, mental, and social health. Students will engage with evidence-based content while developing critical thinking skills, practicing effective communication, and learning to access and evaluate health information in the digital age.

Course Name
Art History
Career Preparation
Financial Literacy
Health
Physical Education
Psychology



Electives

Course Name
Art History
Career Preparation
Financial Literacy
Health
Physical Education
Psychology

Physical Education

GRADE 9, 10, 11, 12 Electives S1 | S2

Each unit integrates engaging core concepts and exciting real world scenarios with practical skills and applies an exercise model to design effective fitness programs for students. This includes, Interactive fitness activities, a dive into nutrition and how it correlates with exercise, as well as innovative approaches to seeing fitness as a positive lifelong journey. This glimpse into lifelong fitness, includes an opportunity for students to calculate and monitor heart rate, understand the cardiovascular system and the importance of stretching and mobility as well as highlights the constructive role of sport participation and how it is related to fostering personal development and community involvement. By incorporating these concepts in a cohesive manner, the course ensures holistic development, wellness enhancement, and an opportunity to look at fitness as a crucial long-term health benefit.

Psychology

GRADE 9, 10, 11, 12 Electives S1 | S2

This year-long Psychology elective provides students with an understanding of human behavior and mental processes. The course begins with an introduction to psychology, exploring its history, methodologies, and various schools of thought. Students will cover topics like neuroscience and behavior, learning about the brain's structure and its influence on cognition and behavior. The course covers developmental psychology, examining human growth and psychological changes from infancy through adulthood. Through case studies, students gain a real-world understanding of psychological concepts and their applications in everyday life.



Optional Electives



At SchoolsPLP Academy, students can customize their curriculum with engaging electives. From creative arts to career-oriented studies, our electives encourage students to pursue their interests outside the main curriculum.

3D Modeling
Advanced Networking
African American History
Agriscience
American Sign Language
Animation
Anthropology
Archaeology
Art in World Cultures
Astronomy
Biotechnology
Black History in America
Careers in Criminal Justice
Child Development
Coding
Concepts of Engineering and Technology
Cosmetology
Creative Writing
Criminology
Culinary Arts
Cybersecurity
Digital Photography
Early Childhood Education
Ethnic Studies
Fashion Design
Forensic Science
Forestry and Natural Resources
Game Design for Chromebooks
Gothic Literature
Great Minds in Science
Health Science: The Whole Individual
Health Science: Patient Care and Medical Services
Health Science: Nursing
Health Science: Public Health
High School Career Discovery
History of the Holocaust
Hospitality and Tourism
Hotel Management
Human Growth and Development
Human Resource Management
Interior Design
International Business
Journalism
Learning in a Digital World
Life Skills
Military Careers
Music Appreciation
Mythology and Folklore
National Security
Nutrition and Wellness
Peer Counseling
Personal and Family Finance
Personal Psychology
Philosophy
Principles of Agriculture, Food/
Natural Resources
Principles of Public Service
Professional Communication
Public Speaking
Reading and Writing for Purpose
Real World Parenting
Renewable Technologies
Restaurant Management
Sociology
Sports and Entertainment Marketing
Veterinary Science

Optional Electives

3D Modeling

GRADES 10, 11, 12 Elective S1 | S2

Heart valves, cars, cartoons, and buildings may not seem to have much in common, but they all share one spectacular attribute: all originated as a 3D model. 3D modeling has changed the way the world makes things, and in this course, you'll learn the basics creating in 3D! You'll learn how different 3D models are built and how to practice using a variety of modeling methods. By the end of the course, you'll walk away with a portfolio of your ingenious modeling ideas. 3D modeling is an essential part of the modern world and soon, you'll be able to contribute yourself!

Advanced Networking

GRADES 10, 11, 12 Elective SEM

The world has never been more connected than it is today and through advancing network technologies, tomorrow will be even more tightly united. In this course, you will learn about a variety of different networks, their layers, and the different needs they address. You'll uncover best practices for setting up secure remote access connections, techniques to troubleshoot and think strategically, and correct documentation. Lastly, you'll learn tips to successfully communicate in the workplace. Get ready to support tomorrow's connectedness today!

African American History

GRADE 10, 11, 12 Electives S1 | S2

African American History is a survey course that spans the history of America, including ancient African society and culture through the presidency of Barack Obama. Students examine the African American struggle to secure constitutional rights. This course explores the powerful and influential role of African Americans in U.S. history.

Agriscience

GRADES 10, 11, 12 Elective S1 | S2

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

American Sign Language

GRADES 10, 11, 12 Elective SEM

Did you know that American Sign Language (ASL) is the third most commonly used language in North America? Learn introductory vocabulary and simple sentences so that you can start communicating right away. Explore Deaf culture – social beliefs, traditions, history, values, and communities influenced by deafness.

Animation

GRADES 10, 11, 12 Elective SEM

Have you ever watched a cartoon or played a video game where the character animations captivated you so much that you wanted to create your own? If so, it's time to immerse yourself in the world of animation. Meet the industry players such as directors, animators, and 3D modelers. Develop your story by exploring design, the 12 principles of animation, creating a storyboard, and leveraging the tools of the trade. Let's bring your story to life with animation!

Optional Electives

Anthropology

GRADES 10, 11, 12 Elective SEM

This course examines family and kinship, religion, economics, politics, survival of indigenous groups, and Western influences from an anthropological perspective to gain appreciation for cultural and ethnic diversity. Students gain an understanding of the differences and similarities, both biological and cultural, in human populations and recognize the characteristics that define their own culture while gaining an appreciation for the culture of others.

Archaeology

GRADES 10, 11, 12 Elective SEM

Imagine what it must feel like to uncover an artifact from the past! Archaeology helps us to better understand, through discovery and analysis, how ancient civilizations have shaped the modern world. Explore the techniques, methods, and theories Archaeologists use to conduct their studies to locate and unlock the secrets of a long and colorful past. Let's get exploring!

Art in World Cultures

GRADES 10, 11, 12 Elective SEM

Art tells a story. Go on a journey of art from prehistoric times to ancient Roman, early Christian, and Medieval periods. Explore the artistic characteristics of the Renaissance, Americas, Baroque, and Romantic periods. Learn the elements and design principles of art and about some of the greatest artists in the world, while creating your own art, both on paper and digitally. It's time to tell your story through art.

Astronomy

GRADES 10, 11, 12 Science S1 | S2

In Astronomy, students begin by discussing basic astronomical concepts and discoveries throughout history. They take an in-depth look at the first moments of the universe by studying the Big Bang. From there, they investigate the evolution of the universe, beginning with the first atoms and moving on to explore elements, stars, solar systems, and galaxies. Students gather information to determine the possibility of life on other planets and in other solar systems. Students analyze the major space missions that have led to the modern study of cosmology and explore the possibilities of where this field may take scientists in the future.

Biotechnology

GRADES 10, 11, 12 Elective SEM

Dig deeper into the world of biotechnology! Learn how and why biotechnology is so important to the agricultural, pharmaceutical, and genetic fields of study. You'll learn about mapping the human genome, the role of antibiotics, how medicine is created to combat diseases, and the future of the biotechnology field. It's time to explore the depth and breadth of this fascinating field!

Black History in America

GRADES 10, 11, 12 Elective S1 | S2

By examining the stories of brave men and women who persevered, built community and contributed to our nation's goals—sometimes amid great persecution—we can all learn how to pave a brighter future. Learn about the incredible history of Black people who have left a mark on the fabric of the United States, and the ways the country has wrestled with its past to understand slavery, emancipation, and the fight for civil rights in our nation.

Optional Electives

Careers in Criminal Justice

GRADES 10, 11, 12 Elective SEM

Have you ever wondered what steps take place as people move through the court system? The criminal justice system is a very complex field that requires dedicated people willing to pursue equal justice for all. Explore different career choices and how the juvenile justice system, the correctional system, and the trial process all work together to maintain social order.

Child Development

GRADES 10, 11, 12 Elective S1 | S2

If you're considering a career in education, medicine, psychology, or areas that involve toddlers to teens; you'll need to know how they grow and develop. In this course, you will learn about children from womb through adolescence and the teen years. You'll explore essential topics like nature vs. nurture, developmental theories and stages, nutrition, safety precautions, family planning, and more!

Coding

GRADES 10, 11, 12 Elective S1 | S2

Learning to code is like learning a clandestine language, and now is your chance to get in on the secret! In this course, you will learn about the building blocks of coding. You'll explore how real-world problems can be broken into algorithms described through coding and then use the approachable and versatile coding language of Python to generate the output you're looking for. You'll cover both procedural and object-oriented programming and even create two text-based adventure games along the way. Are you ready to get in on the secret?

Concepts of Engineering and Technology

GRADES 10, 11, 12 Elective SEM

Learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. Explore the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. By examining astounding engineering feats and complex ongoing issues, you'll begin to question whether the word impossible really exists.

Cosmetology

GRADES 10, 11, 12 Elective SEM

We all want to look our best, but did you know there is actually a science behind cutting your hair and painting your nails? Just like all careers, cosmetology requires certain skills and characteristics. You will learn about various beauty regimes related to hair, nails, skin, and spa treatments: and you'll discover how to create your own business model quickly and efficiently, while still looking fabulous, of course!

Creative Writing

GRADES 10, 11, 12 Elective SEM

This course enables students to develop and use fundamental writing and language skills for creative expression in a variety of literary forms. Emphasis is on development of a personal writing style. Students learn to analyze literary models and engage in peer review techniques.

Optional Electives

Criminology

GRADES 10, 11, 12 Elective SEM

Why do certain people commit horrible acts? Can we ever begin to understand their reasoning and motivation? Perhaps. The mental state of a criminal can be affected by many different aspects of life: psychological, biological, sociological, all of which have different perspectives and influences. Investigate not only how these variables affect the criminal mind but also how crimes are investigated and handled in the criminal justice system.

Culinary Arts

GRADES 10, 11, 12 Elective SEM

Thinking of a career in the food service industry or looking to develop your culinary skills? Explore basic cooking and knife skills while preparing for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts.

Cybersecurity

GRADES 10, 11, 12 Elective SEM

Even when we use the strongest bricks, firewalls can be breached and other security measures can be exploited by malicious cyberattackers. In this course, you will assume your role as Chief Information Security Officer (CISO) responsible for a data network's design, maintenance, and end-user training. You will explore essentials of keeping networks safe and secure through the use of cryptology, keys, and certificates, before moving into the important practice of risk assessment. In the end, your attention will shift to mitigating and managing identified risks and working with key stakeholders to improve

the organization's security posture and disaster response. Are you ready to help businesses protect personal information and outsmart cyber attackers? Grab your white hat, BYOD, and let's get started!

Digital Photography

GRADES 10, 11, 12 Elective S1 | S2

Have you wondered how professional photographers manage to capture that perfect image? Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular shots! Learn how to display your work for exhibitions and develop skills important for a career as a photographer.

Early Childhood Education

GRADES 10, 11, 12 Elective S1 | S2

Are you curious to see what it takes to educate and nurture early learners? Use your curiosity to explore the fundamentals of childcare, like nutrition and safety, but also the complex relationships caregivers have with parents and their children. Examine the various life stages of child development and the best educational practices to enrich their minds while thinking about a possible future as a childcare provider!

Optional Electives

Ethnic Studies

GRADES 10, 11, 12 Elective SEM

Learning about cultures outside of our own is important when it comes to understanding the human condition. In this course, you will learn about the histories, experiences, cultures, and issues of different racial and ethnic groups all living within the United States. You will examine the concepts of identity, dominant culture, and perspective including bias, stereotyping, discrimination, and prejudice. You will also study key events that shaped the nation's history to help you build a better understanding of the United States' varied cultures and their point of view. Let's work to develop a deeper understanding of our peers and embrace diversity.

Fashion Design

GRADES 10, 11, 12 Elective SEM

Are you a fashion trend follower? Are you drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do you dream of designing your own line of clothing or accessories? Learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day. Start creating!

Forensic Science

GRADES 10, 11, 12 Electives SEM

Students enrolled in forensic science will develop a better understanding of the reality of forensic science, which is often contradicted by the fictional forensic science portrayed in entertainment. Students begin by exploring the history and background of forensic science. They discover several forensic science disciplines, such as pathology, anthropology, toxicology, serology, entomology, and odontology. Students learn and use proper lab practices, which ensure the integrity of any collected organic and inorganic

evidence. Students investigate chromatography, spectroscopy, and microscopy techniques. They also explore and survey the impact of DNA analysis and questioned document analysis on forensic science. This course teaches the proper handling of impression evidence, such as shoe print, foot, tire, lip print, firearm, and fingerprint impressions while students examine the analysis of trace evidence, including hair and glass. The course concludes an exploration into the ways in which forensic science is interconnected with the legal system, as well as what the future holds for forensic science. It includes numerous hands-on labs including measuring a hypothetical time of death, extracting their own DNA, and analyzing their own fingerprint impressions. Forensic Science is ideal for high school students who are interested in forensic science, biology, law, and/or criminalistics. Students must possess basic spreadsheet, word processing, and presentation software knowledge as a prerequisite. Completion of one full year of high school Biology is required in order to evaluate the numerous biological concepts present in this course. In addition, students must be mature, independent learners who are comfortable learning new technology.

Forestry and Natural Resources

GRADES 10, 11, 12 Elective SEM

Thriving forests are an essential part of the health of the planet, from our wildlife's ecosystem to providing humans with clean air to lumber and paper products. But forests cannot protect themselves and depend greatly on humans for conservation. Learn more about this meaningful relationship and how environmental policy, land use, water resources, and wildlife management all factor into current forestry issues. Forestry offers diverse professional opportunities, and for those concerned about the environment, it is a great choice.

Optional Electives

Game Design for Chromebooks

GRADES 10, 11, 12 Elective S1 | S2

Are you ready to take your passion for game design and turn it into a real-life prototype? In this course, you'll learn the fundamentals of game design including scripting in JavaScript, game mechanics, audio editing, storytelling, and game world development. And the best part? You'll apply these skills to build an arcade-style galactic adventure game using PlayCanvas! Let's get ready to blast off into the world of game design!

Gothic Literature

GRADES 10, 11, 12 Elective SEM

It was a dark and stormy night, and the vampires, ghouls, and undead were on the prowl... Gothic Literature is riddled with the spooky, but did you know that this genre is so much more than a scary form of entertainment? In Gothic Literature, you'll learn about how some of the world's greatest authors from the 19th century through today used Gothic elements to tackle issues that needed serious attention: the class system, gender norms, racism, social injustice, and more! Grab your monster gear and explore why Gothic Literature has retained its appeal even with today's audiences.

Great Minds in Science

GRADES 10, 11, 12 Elective SEM

Does life exist on other planets? Will the issue of global warming ever be solved? Today, scientists, explorers, and writers are working to answer such questions. Like such famous minds as Edison, Einstein, Curie, and Newton, today's scientists are finding ways to revolutionize our lives and the world. Explore the extraordinary work of these past individuals and how their ideas may very well shape the world of tomorrow.

Health Science: The Whole Individual

GRADES 10, 11, 12 Elective S1 | S2

Finding effective solutions to different health problems is one of our greatest challenges. How close are we to finding a cure for cancer? What's the best way to treat diabetes and asthma? You'll be introduced to disciplines such as toxicology, clinical medicine, and biotechnology. Understanding the value of diagnostics and research can lead to better identification and treatment of many diseases. By learning all the pertinent information and terminology you can discover how this amazing field will contribute to the betterment of human life in our future.

Health Science: Patient Care and Medical Services

GRADES 10, 11, 12 Elective SEM

Explore the roles health care professionals play in treating patients. Promoting wellness, communicating with patients, and understanding safety in the workplace are just a few of the essential skills you will learn, all the while becoming familiar with some of the more prominent areas in the field, such as emergency care, nursing, infection control, and pediatrics. You'll learn about some of the inherent challenges faced by this age-old profession and how you can become a significant part of the solution.

Health Science: Nursing

GRADES 10, 11, 12 Elective SEM

The demand for nurses has never been higher! Learn what it takes to become a nurse, pursue a career, and understand the practice of nursing and the healthcare system. With a strong focus on patient care, you'll explore safety, communication and ethics, relationship building, and how to develop wellness strategies for your patients. From emergency to rehabilitative care, to advances and challenges in the healthcare industry, discover how you can launch a fulfilling career providing care to others.

Optional Electives

Health Science: Public Health

GRADES 10, 11, 12 Elective SEM

What is public health? Who decides which diseases get funding and which do not? What are the reasons for health inequality? Study both infectious and non-communicable diseases as well as learn how we conquer these on a community and global level through various methods, including proper hygiene, sanitation, and nutrition. Explore the role of worldwide current and future technologies and the ethics and governance of health on a global scale, and discover unique career opportunities you can pursue to make a difference.

High School Career Discovery

GRADES 10, 11, 12 Elective SEM

Your future career is likely something you've dreamed about since you were a child. Now it's time to turn that dream into a reality! In this course, you will explore your own strengths, interests, and preferences and use that information to uncover the best career for you! You will explore 17 career clusters, learn about the skills needed to work in different industries, and choose a path to pursue. You'll build a plan to get you from high school to your first day on the job, and craft a strong portfolio to land your perfect job. You've dreamed about your future career. Now it's time to create a plan and turn that dream into a goal!

History of the Holocaust

GRADES 10, 11, 12 Elective SEM

"For the dead and the living, we must bear witness." Discover the harrowing details of the history of the rise of anti-Semitism that contributed to the start of the Holocaust and the power of the Nazi party. Learn about the persecution of European Jews and other groups, and the tremendous aftermath for everyone involved in World War II, and what has been done since to combat genocide.

Hospitality and Tourism

GRADES 10, 11, 12 Elective SEM

Where is your dream travel destination? Now imagine working there! You'll be introduced to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around leisure and travel, spotting trends, and planning events are just a few of the key aspects you will explore within this exciting field.

Hotel Management

GRADES 10, 11, 12 Elective SEM

Creating unforgettable memories through luxury and meticulous care is a service that the best hotels can offer. In this course, you will learn about the business of hospitality and the different types of hotel ownership programs. You'll explore the essential functions of a hotel from bookings, management systems, front and back of house operations, technologies, and more. You'll also discover what it takes to keep guests happy and run a sustainable program. Let's create some management magic!

Human Growth and Development

GRADES 10, 11, 12 Elective S1 | S2

From babies in the womb to toddlers to adolescents, human growth and development is fascinating. In this course, you'll take a deep dive into the physical, cognitive, social, and emotional growth across a child's lifespan. You'll learn about key milestones, apply theoretical frameworks that us give insight into ourselves, health and safety for ages and stages, strategies to optimize growth and development, and more! If you're considering a career in education, the social sciences, or medicine, this class will set you up for success. Let's grow your understanding of human development today by shining a light on why we do what we do!

Optional Electives

Human Resource Management

GRADES 10, 11, 12 Elective SEM

Are you ready to step into a critical leadership role that oversees the development of every successful business' most valuable resource? In this course, you will wear the shoes of a Human Resource Management (HRM) professional and will learn how to build and manage a team to help a company reach its goals. You will also explore and perform some of the key responsibilities of a HRM professional: research, interviewing, reporting, recruiting, hiring, assessing employees, and more! Are you ready to help develop invaluable human resources that are the heart of a company and help a company thrive? Learn how to create a winning culture through human resources!

Interior Design

GRADES 10, 11, 12 Elective SEM

Do you have a flair for designing and decorating? If so, then let's learn how to turn your interests and skills into a career. Explore color, texture, trends, styles over time, how homes are built, and "green" options for homes and businesses. Interior designers do it all—from planning the color scheme to choosing furniture and light fixtures—with the end goal of creating a space where people can live or work comfortably, safely, and happily.

International Business

GRADES 10, 11, 12 Elective SEM

International business has transformed in recent decades, with companies like Google, Uber, Nike, and Amazon expanding globally. Increased interconnectivity, advanced technology, and support for international trade have opened the doors—or borders—for businesses, big and small, to join the world economy. Going global involves more than just setting up "shop" abroad. This course explores crucial aspects of global success: interacting with different countries and cultures, overcoming language barriers, understanding

business laws, handling risks of political and economic changes, and managing global supply chains. Discover how your favorite brands went global and how you can too!

Journalism

GRADES 10, 11, 12 Elective SEM

Does your curiosity lead you to the heart of the matter? Channel this curiosity into developing strong writing, critical thinking, and research skills to perform interviews and write influential pieces, such as articles and blog posts. Learn about the evolution of journalism and its ethics, bias, and career directions to forge your path in this field.

Learning in a Digital World

GRADES 10, 11, 12 Elective SEM

We use technology to communicate with friends and family, find never-ending entertainment options, and do our schoolwork. Discover what it means to be a responsible digital citizen, expand your digital literacy, and become a successful online student. Consider the best ways to find, create, and share information. Learn to maximize information and communication technologies and explore digital content creation, from emails and blogs to social media, videos, and podcasts.

Life Skills

GRADES 10, 11, 12 Elective SEM

What do you want out of life? How do you achieve your dreams for the future? These can be difficult questions to answer, but they don't have to be with the right tools. Learn more about yourself and prepare for the future through goal setting, decision making, surviving college and career, and how to become a valuable contributing member of society. It's your life; make it count!

Optional Electives

Military Careers

GRADES 10, 11, 12 Elective SEM

Do you really understand how the military works or what it can do for you? The military offers far more career diversity than most people imagine. You will learn about the five military branches: Air Force, Army, Coast Guard, Marines Corps, and Navy and examine which jobs you might like to pursue. From aviation to medicine, to law enforcement, the military can be an outstanding place to achieve your dreams in a supportive and well-structured environment.

Music Appreciation

GRADES 10, 11, 12 Elective S1 | S2

Have you ever heard a music piece that made you want to get up and dance, sing, or even cry? Regardless of the genre, music moves us. Explore the elements and pieces of music. And learn through the historical context, musicians and composers, and influence of music from the Middle Ages to the 21st century, on how to listen and really hear the different music that makes up our world.

Mythology and Folklore

GRADES 10, 11, 12 Elective SEM

Since the beginning of time, people have gathered around fires to tell stories of angry gods, harrowing journeys, cunning animals, horrible beasts, and the mighty heroes who vanquished them. Mythology and folklore have provided a way for these colorful stories to spring to life for thousands of years and helped humans make sense of the world. Explore how these compelling tales continue to shape society even today.

National Security

GRADES 10, 11, 12 Elective SEM

Do you know what it takes to keep an entire nation safe? It not only requires knowledge of how to handle disasters, but it also demands a cool head and tremendous leadership abilities. Learn about the critical elements of the job, such as evaluating satellite information, analyzing training procedures, assessing military engagement, preparing intelligence reports, coordinating information with other security agencies, and applying appropriate actions to various threats. Discover the requirements of our nation's most demanding career.

Nutrition and Wellness

GRADES 10, 11, 12 Elective SEM

To keep our body and our mind running like finely tuned machines, we need to use the right fuel. For humans, that means nourishing our bodies with the right foods. In this course, you'll explore how food affects essential aspects of your life from your weight, to how you age, to how well you think. You'll also examine how outside influences- family, peers, and the media- can affect your diet and your perception of food and how to set yourself up for nutritional success. Are you interested in a career in holistic wellness? Start your health journey now with Nutrition and Wellness.

Peer Counseling

GRADES 10, 11, 12 Elective SEM

Are you a great listener and love to help people achieve their goals? The role of a peer counselor is a rewarding one. Learn the skills of observation, listening, and emphatic communication that counselors need, while also discovering basic training in conflict resolution and group leadership. You'll learn how to be a great peer counselor, but also how to communicate effectively in personal and work relationships.

Optional Electives

Personal and Family Finance

GRADES 10, 11, 12 Elective SEM

We all know money is essential in life, and the financial decisions you make today may have a lasting effect on your future. Explore how to spend and save your money wisely, and learn key financial concepts around taxes, credit, and money management. Discover how education, career choices, and financial planning can lead you in the right direction to making your life simpler, steadier, and more enjoyable.

Personal Psychology

GRADES 10, 11, 12 Elective SEM

Get ready to delve into some of life's biggest questions and begin the journey to uncovering those answers for yourself! In this course, you'll explore the broad scope of psychology from biology's impact on our psychological makeup to society's impact on who we become. You'll look closely at the changing and sometimes conflicting thoughts of researchers and scientists and how the field of psychology has changed. You'll also explore clinical psychology and how people find treatment. Let's begin the journey to discovery today!

Philosophy

GRADES 10, 11, 12 Elective SEM

Have you ever thought about 'deep' questions like "Who am I?" "What do I really know about the world?" If so, you're not alone. Philosophers are some of the most brilliant and influential thinkers, some of whom have influenced many of our fundamental ideas in Western civilization, such as government, law, and society. Learn about famous philosophers and explore some of the same questions these great thinkers pondered.

Principles of Agriculture, Food Natural Resources

GRADES 10, 11, 12 Elective SEM

Did you know that the world's population could be 11 billion people by 2050? With a growing population, how do we keep everyone fed? This is where the importance of agriculture, food, and natural resources comes in! Gain a stronger sense of how we can maximize the foods and natural resources the earth provides. Learn more about agriculture's history, animal husbandry, plant science, and natural resources, and you'll be better prepared for your part in sustaining the world.

Principles of Public Service

GRADES 10, 11, 12 Elective SEM

Public service is a field that focuses on building a safe and healthy world, and you'll explore the many different career choices that are imperative to our comfort and success as a society. The protection of society is not only one of our greatest challenges, but it also provides ways for people to work together to ensure safety and provide indispensable services. If you have ever contemplated being one of these real-life heroes, now is the time to learn more!

Professional Communication

GRADES 10, 11, 12 Elective SEM

In today's global economy, professional communication is no longer limited to the basics of reading, writing, speaking, and listening. In this course, you will focus on communication in many forms- written, oral, graphic, and technological in the workplace to enhance career options, while learning how to address conflict and communicate with cultural competency. By the end of this course, you'll have the basics you need to be a standout communicator in a professional setting.

Optional Electives

Public Speaking

GRADES 10, 11, 12 Elective SEM

Do you strive to gain more confidence when speaking in front of people? Learn techniques from famous speakers throughout history, while learning what it takes to make a great speech. Develop skills that will serve you well throughout your career and personal life.

Reading and Writing for Purpose

GRADES 10, 11, 12 Elective SEM

As you move through high school to college or to your career, writing documents become more high stakes. Real-world information can be journalistic and researched-based articles, legal, insurance, college entrance forms, employment, vehicle-related documents, and more. Learn how to critically read, write, and evaluate real-world writings to set you up for future success.

Real World Parenting

GRADES 10, 11, 12 Elective SEM

Do you love children? Maybe you plan on babysitting or having your own someday. Learn how being a parent is much more than merely feeding, bathing, and protecting a child. Creating a positive environment, nurturing, fostering education, and serving as a role model are critical aspects. Learn how to be a positive force in the development of your future children, as well as others around you.

Renewable Technologies

GRADES 10, 11, 12 Elective SEM

Renewable Technologies are becoming increasingly important as concerns about climate change, the use of fossil fuels, and population growth become foremost in the public eye. So, how do we address the world's growing concerns about energy sources? Uncover the development of new energy technologies and explore how recent approaches to renewable technologies unlock the solution needed for a safer, cleaner, and more enduring world.

Restaurant Management

GRADES 10, 11, 12 Elective SEM

Have you ever dreamed of running your own restaurant? Explore exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene, customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether you are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step.

Sociology

GRADES 10, 11, 12 Elective SEM

Have you ever wondered why people act differently from one another or why some people act in more intriguing manners than others? When you view people's behaviors as distinctive and try to figure out why they act the way they do, you are beginning to think like a sociologist! Sociology is the study of human social relationships and how individuals interact with one another in groups. By studying sociology, you'll gain insight into the complexities of our society. If you're interested in understanding the world around you and making a positive difference, studying sociology is for you!

Optional Electives

Sports and Entertainment Marketing

GRADES 10, 11, 12 Elective SEM

The bright lights. The roaring crowds. The chants and cheers and applause. If you are drawn to the electricity of large events and the challenge of making events successful, a career in sports and entertainment marketing may be for you! In this course, you will trace the development of these industries, dissect their dual nature, and discover what it takes to pitch, promote, and deliver on these services. You 'll also explore the necessary steps to chart your own career path from among the professional roles that these industries need to operate. Let's get off the sidelines and hop into the primetime of the sporting and entertainment worlds!

Veterinary Science

GRADES 10, 11, 12 Elective SEM

Whether you want to step into the wild side of veterinary medicine or just take care of loveable dogs and cats, explore how to care for domestic, farm, and wild animals, diagnose their common diseases and ailments, and learn about different veterinary treatments. If you have always been drawn to the world of our furry, scaly, and feathered friends, this is the course for you!

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