Achievement House
CYBER CHARTER SCHOOL

PROGRAM OF STUDIES

2026-2027

484-615-6200

www.achievementcharter.com

YOUR EDUCATION.
YOUR WAY.
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Foreword

The Achievement House Cyber Charter School (AHCCS) Program of Studies is designed to help students and their parents or guardians choose, follow, and complete a path to graduation that prepares them for success beyond high school. This document provides general information, including the policies, procedures, and requirements of AHCCS for grades 7–12, as well as descriptions of all middle school and high school course offerings.

Our mission is for AHCCS students to achieve improved individual outcomes, measured by academic success, in a personalized and rich learning environment that equips them for a technology-driven world. As teachers, staff members, and administrators, we work together to continuously enhance our instructional practices to support every student's growth. We encourage students and parents/guardians to become familiar with the contents of the Program of Studies. It serves as an essential resource to guide and support the successful education provided at AHCCS.











Achievement House offers a robust, balanced curriculum designed to meet each student's academic needs. Our highly qualified teachers are directly involved in developing the dynamic, customized curriculum accessed through live virtual classes and asynchronous online assignments. Teachers are also available for one-on-one support to further student learning.

In addition to academics, students are encouraged to participate in a variety of clubs, extracurricular activities, and field trips. The combination of a strong curriculum, caring teachers, and close collaboration with families creates a supportive and engaging environment where students can thrive.

At Achievement House Cyber Charter School, our vision is: Every student is a V.I.P.

- **Valued as an individual**
- **Inspired to innovate**
- **Prepared for the future**

Glossary

Advanced Placement (AP) Courses

Advanced Placement, or AP, refers to college-level courses taught according to syllabi prescribed by The College Board Advanced Placement Program and/or to courses designed to prepare students for College Board AP Tests. Success in AP courses can be an important factor in admission to colleges and universities. Successful performance on AP tests (a score of 3, 4, or 5 on a five-point scale) may lead to college credit and/or advanced placement in college courses. AP courses receive appropriate weight when the Grade Point Average (GPA) is calculated.

Career Courses

Career courses provide content learning that prepares students for college and/or careers by providing literacy and learning strategies that support students in mastering content. The courses provide a more structured learning environment, increased time spent in review, and reinforcement of major concepts to prepare for assessments and any outside assignments.

College Preparatory (CP) Courses

College Preparatory courses provide rigorous, in-depth study through interpretation, application, analysis and synthesis of course concepts, content and standards. Both live instruction and outside assignments focus on teacher supported, guided practice followed by independent demonstration of learning.

Core Courses

Core courses are offered in the following subject areas: Mathematics, English, Social Studies and Science.

Credits

Credits are earned upon successful completion (passing grade) of a course.

Elective Courses

Elective courses supplement a student's schedule and can be used to earn credits necessary for graduation. These courses will enhance students' educational experiences and allow them to explore possible career interests and college goals.

Grade Point Average (GPA)

A student's Grade Point Average is a calculated average of any final grades they have earned. GPA is adjusted any time a student completes a course.

Honors Courses

Honors courses allow students to explore topics in greater depth than non-honors courses. Honors students will complete projects that enrich their understanding of topics and the links between them. Honors level courses receive appropriate weight when the Grade Point Average (GPA) is calculated.

Prerequisite

A prerequisite is a course that a student must complete in order to qualify for entry into another course. Before students can take *Algebra 2*, for example, they must have completed *Algebra 1*. Therefore, *Algebra 1* is a prerequisite for *Algebra 2*.

Course Selection

At Achievement House, the important process of course selection begins each spring for the following school year. Students are informed of course offerings through videos, e-mails, and announcements. With the help of their parents, students fill out an online scheduling request. Students have the option to meet with their school counselor to ask questions throughout the scheduling process. Schedules are finalized over the summer by the student's counselor, who takes into account graduation requirements, teacher input, survey responses, post-high school plans, past grades, and assessment scores. Our staff works hard to create the best academic schedule for our students.

Grading Scale

Grade	Percent
A	95-100%
A -	90-94%
B +	86-89%
B	83-85%
B -	80-82%
C +	76-79%
C	73-75%
C -	70-72%
D+	67-69%
D	60-66%
F	0-59%

Note: To calculate your final grade, add your quarterly percent totals and divide by 4.

Transfer Students

Final decisions on grade level placement for students transferring into AHCCS during the school year will be based on the previous grade level and the student's ability to meet the necessary requirements for promotion at the end of the current school year.

Academic Departments of Achievement House Cyber Charter School

The following sections contain each content area and the courses offered through that department. Each subsection begins with an introduction to the content area and then a description of the courses offered.

English and Language Arts Department

Department Requirements:
Students must complete a core English course. Students are placed into appropriate courses by their guidance counselor.

Advanced English Language Arts 7 - This course is designed to prepare students for honors and AP courses at the high school level. It is aligned to the 7th grade PA Core English Language Arts standards. Students will be challenged to analyze, evaluate, and synthesize author's purpose, points of view, and language development. Students will learn how to effectively write using persuasive, argumentative, expository, and descriptive writing skills. Students will display a mastery of reading, writing, listening, and speaking skills.

Advanced English Language Arts 8 - This course is designed to prepare students for honors and AP courses at the high school level. It is aligned to the 8th grade PA Core English Language Arts standards. Students will be challenged to analyze, evaluate, and synthesize author's purpose, points of view, and language development. Students will learn how to effectively write using persuasive, argumentative, expository, and descriptive writing skills. Students will display a mastery of reading, writing, listening, and speaking skills.

English Language Arts 7 - Designed for 7th graders to explore literature and develop writing through the 6 Traits Writing Program, creative writing, and grammar studies.

English Language Arts 8 - Aligned to the 8th grade PA Core ELA standards, students explore and respond to various texts and master writing through the 6 Traits Writing Program.

Maximum Reading 1 - Middle school students will strengthen comprehension, fluency, and vocabulary while getting additional support in ELA content.

Maximum Reading 2 - 8th grade students continue literacy development after completing Maximum Reading 1, with small group and one-on-one instruction. *Prerequisite - Maximum Reading 1*

English Language Development Program

Achievement House provides a rigorous, standards-based educational program for English Learners (ELs) of all levels. Our English Learners build and develop their linguistic proficiency in a program that is both intensive and flexible. Identified English Learners attend an ESL (English as a Second Language) course taught by a certified ESL teacher and designed to promote the continual development of English language reading, speaking, writing and listening skills. Additionally, the ESL department collaborates closely with classroom teachers to ensure that academic curriculum is accessible so that your student can successfully meet standards and make gains in English language proficiency.

English Language Development Program (continued)

Bilingual mentors and access to one-on-one help sessions further support students, ensuring positive outcomes for our English Learners.

Upon enrolling, non-native English-speaking students are evaluated for placement into the ESL program. Achievement House adheres to the WIDA English Language Proficiency Standards and employs the WIDA Screener to accurately determine your student's English language proficiency. If it is determined that your student would benefit from English language development support, an individualized program is implemented to best help your student develop English language proficiency while achieving grade-level content standards.

Four different sections of ESL support the needs of students. Newcomer EL (NEL) serves the needs of brand-new English learners acquiring basic English skills, Beginning EL (BEL) serves the needs of students in levels 1-2 (Entering and Beginning); Intermediate EL (IEL) serves the needs of students in levels 3-4 (Developing and Expanding); and Advanced EL (AEL) serves the needs of students in level 5 (Bridging).

Achievement House English Learners can truly achieve the proficiency and literacy to effectively communicate in English, excel in their academic courses, and realize their higher education and professional goals after graduation.

Advanced EL: 1 credit - Students will engage with language acquisition assignments to develop and improve English. They will work on reading, listening, and speaking skills while exploring primary sources in a variety of subjects and interests to facilitate vocabulary development. This course provides more opportunities for writing and speaking practice.

Beginning EL: 1 credit - In this course, students will engage with language acquisition assignments to develop and improve English. They will work on reading, listening, and speaking skills while exploring primary sources in a variety of subjects and interests to facilitate vocabulary development.

Intermediate EL: 1 credit - In this course, students will engage with language acquisition assignments to develop and improve English. They will work on reading, listening, and speaking skills while exploring primary sources in a variety of subjects and interests to facilitate vocabulary development. This course delves into topics with individual research and projects as well.

Newcomer EL: 1 credit — The Newcomer EL course is specially designed for recent immigrants who have very little or no English proficiency. Students in this program develop linguistic survival skills and support as they begin to adapt to their new surroundings. Placement in this course is based on scores on the WIDA Screener and teacher input.

Mathematics Department

Department Requirements:

Students must complete a core Mathematics course each year. Students are placed into appropriate courses by their guidance counselor.

Advanced Math 7 - Students will prepare for the 7th grade PSSA with deeper exploration of algebra, geometry, and data analysis concepts.

Advanced Math 8 - Students will prepare for the 8th grade PSSA with advanced mastery in linear equations, exponents, geometry, and data analysis.

Essentials of MS Math - This course will prepare students to take the PSSA. This course will allow students to build computational fluency with all real numbers, including fractions, decimals, integers, and rational numbers. Students will learn to solve problems involving proportions, percents, measurement, geometry, data analysis, and probability. They will explore algebraic expressions and equations. This class also includes problem solving with direct real world applications.

Math 7 - This course prepares students for the 7th-grade PSSA with real-world problem solving using expressions, proportions, and data analysis.

Math 8 - This course prepares students for the 8th-grade PSSA through applications involving linear equations, geometry, and data analysis.

Algebra 1 - This course prepares students for the Algebra Keystone Exam. After taking the course, if a student earns a proficiency or above on the Keystone Algebra exam, they earn one high school math credit.

Science Department

Department Requirements:

Students must complete a core Science course each year. Students are placed in appropriate courses by their guidance counselor.

Advanced Science 7 - This course is designed to prepare students for honors and AP courses at the high school level. Students will be challenged to analyze, evaluate, and synthesize informational text, as well as various theories of science. Further, this course will introduce students to fundamental science principles in the fields of biological, physical, and Earth and space sciences. Topics include the structure and function of organisms, ecology, matter and energy, motion and forces, Earth's features, and astronomy. *Prerequisite - Students must complete a core Science course each year. Students are placed in appropriate courses by their school counselor.*

Advanced Science 8 - This course will prepare students to take the 8th grade PSSA. This course is designed to prepare students for honors and AP courses at the high school level. Students will be challenged to analyze, evaluate, and synthesize informational text, as well as various theories of science. Further, this course is designed to support and reinforce mastery of the concepts in the fields of biological, physical, and Earth and space sciences, with special focus on the nature of science. Topics include the structure and function of organisms, ecological behavior and systems, properties of matter, energy transfer, principles of motion and force, atmospheric processes, and composition and structure of the universe. *Prerequisite - Students must complete a core Science course each year. Students are placed in appropriate courses by their school counselor.*

Science Department (continued)

Science 7 - This course will prepare students to take the 7th-grade PSSA. This course offers an introduction of science concepts in the fields of biological, physical, and Earth and space sciences, with special focus on the nature of science. Topics include the structure and function of organisms, ecology, matter and energy, motion and forces, Earth's features, and astronomy.

Science 8 - This course will prepare students to take the 8th-grade PSSA. This course offers an introduction of science concepts in the fields of biological, physical, and Earth and space sciences, with special focus on the nature of science. Topics include structure and function of organisms, ecological behavior and systems, properties of matter, energy transfer, principles of motion and force, atmospheric processes, and composition and structure of the universe. Prerequisite - Students must complete a core Science course each year. Students are placed in appropriate courses by their school counselor.

Social Studies Department

Department Requirements:

Students must complete a core Social Studies course each year. Students are placed in appropriate courses by their guidance counselor.

World Regional Geography 7 - This course guides students as they explore the world. one region at a time, building skills and understanding through a series of focused and engaging units. Students begin with foundations including geographic tools, map skills, and the themes of geography before moving into in-depth studies of major world regions. Students analyze real-world case studies, interpret geographic data, and make connections between regions to better understand how people, places, and environments interact. Each unit invites students to think critically, appreciate global diversity, and see how geography shapes the world they experience every day.

Advanced American History 8 - This course is designed to prepare students for honors and AP courses at the high school level. Students will be challenged to interpret, evaluate, and analyze the role groups and individuals played in the social, political, cultural, and economic development of the United States. Students will compare historical documents and artifacts, which are critical to American history. In addition, students will analyze how continuity and change have impacted the development of the United States. Lastly, students will interpret, evaluate, and analyze how conflict and cooperation among groups and organizations impacted the growth and development of the United States.

American History 8 - This course will guide students through the first half of American history with a special focus on Pennsylvania history. Beginning with the very first people to reach North America and ending around 1900, students will explore a diverse array of historical topics including Native American settlement, colonization, the American Revolution, the founding of the United States, and the Civil War

Special Subjects/Electives Department

Xello (Career Readiness) Middle School - Students start thinking about their career aspirations as they relate to their skills, interests, and personality styles.

Health and PE 7 - Focuses on fitness, teamwork, and healthy living while addressing alcohol, drugs, self-esteem, and mental/emotional wellness.

Health and PE 8 - Students engage in fitness and wellness education, nutrition, and topics such as peer pressure and adolescence, using fitness logs and health assessments.

Special Subjects/Electives Department (continued)

Middle School Art - Students will explore visual arts through creative projects and techniques, while learning elements of art and art history.

Middle School Music Elective - Students sample various music topics including instrument families, video game music, rock and pop genres, and sound effects.

Middle School Tech Basics - This course introduces students to fundamental tech concepts and tools with hands-on weekly modules.

Special Subjects/Electives Department (continued)

Independent Language – AHCCS joins more than 20,000 schools and districts around the world that have integrated Rosetta Stone Solutions into their curriculum to support the growing need for language skills. The Dynamic Immersion® method used within this program allows students to engage with a language through images, repetition, and scaffolding without needing translation. Rosetta Stone also offers ease of learning through a mobile application for students on the go. A school facilitator will oversee student progress in this self-paced, online course, as well as grade assignments and help keep students on track to complete their language level promptly. Each language typically has 3-5 levels of study available. Completion of a level is equal to one academic credit. The following languages are offered through Rosetta Stone Solutions. Please contact your school counselor if you are interested in taking a language that is not listed below.

- Arabic
- Mandarin Chinese
- French
- German
- Greek
- Hebrew
- Italian
- Japanese
- Korean
- Latin
- Spanish

Students must have at least a B in all courses and receive approval from their guidance counselor in order to enroll in an independent language course.

Course Selection

At Achievement House, the important process of course selection begins each spring for the following school year. Students are informed of course offerings through videos, e-mails, and announcements. With the help of their parents, students fill out an online scheduling request. Students have the option to meet with their school counselor to ask questions throughout the scheduling process. Schedules are finalized over the summer by the student's counselor, who takes into account graduation requirements, teacher input, survey responses, post-high school plans, past grades, and assessment scores. Our staff works hard to create the best academic schedule for our students.

Grading Scale

Grade	Percent	General Course GPA	Honors Course GPA	AP Course GPA
A	95-100%	4.0	4.4	5.0
A -	90-94%	3.7	4.1	4.6
B +	86-89%	3.3	3.6	4.1
B	83-85%	3.0	3.3	3.8
B -	80-82%	2.7	3.0	3.4
C +	76-79%	2.3	2.5	2.9
C	73-75%	2.0	2.2	2.5
C -	70-72%	1.7	1.9	2.1
D+	67-69%	1.3	1.4	1.6
D	60-66%	1.0	1.1	1.3
F	0-59%	0.0	0.0	0.0

Note: To calculate your final grade, add your quarterly percent totals and divide by 4.

Graduation Requirements

Students must successfully complete 21.0 cumulative credits in grades 9-12 as follows:

- 4.0 credits in English to include 1 course in Literature and an English course to be taken each school year
- 3.0 credits in Mathematics to include 1 course in Algebra
- 3.0 credits in Science to include 1 course in Biology
- 3.0 credits in Social Studies to include 1 course in Civics (or Government)
- 1.0 credit in Health and Physical Education, to include Health (Wellness), and a PE course to be taken each school year.
- 2.0 credits in Arts and Humanities
- 5.0 credits in electives to include
- Any course that has not been counted to fulfill other graduation requirements as indicated in this booklet shall also satisfy this requirement.
- Two credits in the Innovation Academy are highly encouraged, but not required.
- 21.0 total credits

In accordance with Pennsylvania Department of Education (PDE) requirements, Achievement House students in the Class of 2030 and beyond must successfully complete a Personal Finance course during grades 9–12 as a requirement for graduation. Students graduating before 2030 may take Personal Finance as an elective, but it is not required for graduation.

Leveling

At Achievement House, we offer students an academic program that is both challenging and innovative, but one that also allows them to progress and learn no matter what their academic background.

Students at our school are offered choices when it comes to the level of rigor they would like to experience in their core courses. Students can choose from the AP or Honors level, to College Prep for those planning to apply to a college program. We also have the “Career” level for those students looking to head immediately into the workforce upon graduation.

NCAA Approved Courses

- Algebra 1 (H, CP) Algebra 2 (H, CP)
- American Literature (H, CP) AP Biology
- AP Calculus AB AP Calculus BC AP
- Chemistry AP Environmental Science
- AP English Language and Composition
- AP English Literature and Composition
- AP Statistics AP U.S. Government and
- Politics Biology (H, CP) Calculus (H, CP)
- Chemistry (H, CP) Civics (H, CP)
- Geometry (H, CP)
- Global Literature (H, CP)
- Literature and Composition 1 (H, CP)
- Literature and Composition 2 (H, CP)
- Modern World History (H, CP)
- Physics (H, CP)
- Pre-Calculus (H, CP)
- U.S. History (H, CP)

National Honor Society

The National Honor Society (NHS) is one of the nation's premier organizations established to recognize outstanding high school students. Students must meet the following requirements to be eligible for NHS:

- Minimum of 3.0 cumulative GPA at time of application. Students are expected to maintain this
- GPA while they are members.
  Demonstration of excellence in leadership, service, scholarship and character which will be determined by a faculty council of 5 members. Students should participate in leadership and service opportunities in the classroom or in their community.
- Submission of a 1 page essay about themselves, in addition to the application and two teacher recommendations.

Transfer students who were NHS members in their previous school may send a picture of their pin and membership card to the AHCCS advisor to become part of our chapter.

Promotion Requirements

Promotion from one grade to the next is based upon credits earned. Credits earned through summer programs may be acceptable if approved in advance by a school counselor. Parents will be informed following the fourth quarter report card whether or not a student has advanced or been retained.
The promotion of a high school student is determined by cumulative credits earned. To be promoted, students must meet the minimum credit requirements, as confirmed by their counselor. Those requirements are as follows:

- Grade 9 to 10: Students must have earned at least 4.0 cumulative credits, to include 2.0 core course credits.
- Grade 10 to 11: Students must have earned at least 10.0 cumulative credits.
- Grade 11 to 12: Students must have earned at least 15.0 cumulative credits.

At all times, students in grades 9-11 must maintain a course schedule with sufficient credits to be eligible for promotion to the next grade. Students in grade 12 must maintain a course schedule with sufficient credits to qualify for June graduation (unless otherwise indicated in a student's Individualized Education Program). Students may not choose to repeat core academic courses that have been previously completed with a passing grade if doing so creates an inability to earn sufficient credits to achieve annual promotion or graduation.

Schedule Changes

Students may add, drop, or change courses during the first 3 weeks of joining the course. After that point, regardless of whether or not a course is required for graduation, students cannot drop a course (unless approved by the principal).

Summer School

Summer school is offered to AHCCS high school students in all four core subject areas: English, math, science, and social studies. Students are eligible to receive up to two summer school credits per summer.

Transfer Students

Grade Placement: Final decisions on grade level placement for students transferring into AHCCS during the school year will be based on the previous grade level and the student's ability to meet the necessary requirements for promotion or graduation at the end of the current school year. Required Courses: Credit acceptance for students transferring into AHCCS will be granted for applicable courses. Completed courses required for graduation will be accepted for students transferring to AHCCS.

Work Study Program

This program is designed to allow students to earn elective credit for participating in a weekly paid position or a non-paid internship.

Work-Study: 0.5 credits: Employed Students reflect on their work, suggesting advice for other students seeking employment. Students will also develop a business idea that they could apply to a feasible market. A large portion of the Pass/Fail grade is based on their job verification.

*Students with an Individualized Educational Program should contact their Learning Support teacher for alternative eligibility, prerequisite, and requirements.

Innovation Academy

This program offers courses that are hands-on and relevant. Students who participate in this program will gain marketable skills through technology and project-based learning using real world experiences. The program's tag line, "Fearless Thinking," encourages students to problem solve, think critically, and explore creatively. The branches of the Innovation Academy are Computer Science, Emerging Technologies, and Entrepreneurship.

Drones: Flight & Rescue: 0.5 credits - As students in this course, you will take off into the world of drones—starting with hardware and flight physics, then learning to code missions using the DroneBlocks simulator. You will train like a real drone pilot in command (PIC), explore search and rescue scenarios, and prepare for FAA TRUST and Part 107 certifications. Complete the course and you will earn your own drone to keep flying!

ICA Sampler: 0.5 credits - In this course, students will explore various career fields including medicine, IT, cybersecurity, construction, and design while learning key job prep skills.

Tech Basics: 0.25 credits - This course introduces students to fundamental tech concepts and tools with hands-on weekly modules.

Academic Departments of Achievement House Cyber Charter School

As a public cyber school, AHCCS teachers design and teach live, customized courses. We also partner with trusted online providers to expand course options through our Independent Study Department, giving students access to a wide and flexible range of learning opportunities.

Arts and Humanities Department

These courses study human culture and history as they apply to the visual and performing arts. Subjects of study include Art, Music, and Film. Students will find an appreciation of the arts and humanities in cultures around the world.

Department Requirements:

Students are required to complete 2 credits in Arts and Humanities during grades 9-12.

Art 1: 0.5 credits - In this course, students will explore the fundamental building blocks of visual art through exploring various media, styles, and art movements. In this project-based class, students will find their own creative practice through experimentation and individual expression.

Art 2: 0.5 credits - In this course, students will build upon the foundational skills learned in Art 1, focusing on continuing exploration of art techniques and concepts. Students will gain a wider perspective of media, dive deeper into personal creative practice and individual expression and explore art movements and topics.

Arts Entrepreneurship: 0.5 credits - In this hands-on project-based semester-long class, students will bridge the gap between art and business through learning how to market, sell and sustain their creative passions. Students will learn how to develop a business plan, manage the finances of their artistic practice, and gain hands-on marketing experience.

Broadway: America's Musical: 0.5 credits - In this class, students will explore the sights, sounds and excitement that is Broadway. Students will explore Broadway shows in depth and learn about the music, acting, lights, costumes, rehearsals, stage management, and other components. Students will also experience a full-length Broadway show and explore what it takes to put on such a large scale production. From The Sound of Music, to Newsies, Wicked, The Lion King, and more! This is an experience you won't want to miss!

Cultural Connections Through Music: 0.5 Credits - Embark on a musical journey around the globe! This course examines the rich tapestry of world music, highlighting the diverse sounds, rhythms, and musical traditions that connect cultures across continents. Students will explore how music is used within each culture, as well as how music is used within their own culture, and they will gain a first-hand look at world music through collaborations with the Global Studies partner schools in Tanzania, Rwanda, Kenya and India. Through interactive lessons, hands-on activities, and collaborative projects, students will gain a deeper understanding of how music reflects cultural identity, cultural diversity, and cultural connections.

Arts and Humanities Department (continued)

Digital Photography: 0.5 credits - Students develop technical and artistic photography skills including composition, lighting, editing, and storytelling through visual media.

Discovering America Through Music: 0.5 credits - The United States has a rich musical history that is as unique as the melting pot of cultures that makes up its core. Students will learn about and listen to a wide range of musical styles from Spirituals, Ragtime, Folk Music and Jazz to Broadway, Pop and Rock. There's something for everyone! We will learn the basics of music reading, study a variety of composers and American musical traditions, and explore how music has contributed to the overall American culture that we know today.

Family and Consumer Science: 0.5 credits - This course equips students with skills for navigating daily life. Topics include nutrition, financial literacy, child development, housing, and relationships.

Fandom Design Studio: Art, Music and Film: 0.5 credits - Step into the world of creativity and fandom! In Fandom Design Studio, students explore the art and music behind anime, cartoons, cinema, and other beloved fandoms. This project-based course combines visual arts, animation, sound design, and performance culture to bring fan-inspired ideas to life. Students will design and fabricate their own cosplay costume by the conclusion of the course.

Global Explorers: A Worldwide Study of Geography, Culture, and Music: 0.5 credits (Humanities) 1.0 credit (Social Studies) - Embark on a global journey where sound meets place! Global Explorer is a dynamic dual credit course that blends the study of geography with the rich traditions of global music and dance. Explore every continent through its cultural expressions, uncovering how environment, history, and social issues shape musical traditions. From the rainforests of the Amazon to the deserts of North Africa, students will examine real-world challenges like climate change, migration, and sustainability, while experiencing the rhythms, instruments, and dances that define communities. Perfect for curious minds and creative spirits, this course invites you to see the world through a new lens—and hear it, too. Students enrolled in this course will earn 1 credit in Social Studies and 0.5 credit in Arts and Humanities.

Graphic Design: 0.5 credits - In the Graphic Design course, students will explore the fundamentals of visual communication using elements such as typography, color and image to create effective designs. Students will integrate the design principles to solve problems creatively and focus on conveying messages through visual means.

Intro to Drawing: 0.25 credits - Students will explore foundational drawing skills using charcoal, graphite, pastel, and ink while learning techniques like proportion and perspective.

Intro to Watercolors: 0.25 credits - In this course, students will explore watercolor techniques through experimentation and personal expression.

Arts and Humanities Department (continued)

Musical Minds: The Science of Sound: 0.5 credits - Get ready to tune in, turn up, and explore the amazing world where music meets science! Musical Minds: The Science of Sound is a hands-on, imagination-fueled class where students become creators, inventors, thinkers, and musicians—all at the same time. In this exciting course, students will discover what makes music music by diving into the science behind the sounds we hear every day. We'll explore: How instruments are designed and built, how vibration becomes tone, how music impacts the brain and emotions, how sound shapes movies, video games, cartoons and stories, how advertisers use music to influence audiences, and how to craft your own sound effects and digital audio. But why just learn about it when you can create it? Students will jump into interactive projects like building and playing a banana piano, designing and 3D printing your own instrument. creating custom sound effects for scenes, producing a commercial with music, and so much more!

Photoshop: 0.5 credits - Students learn digital editing and design using Adobe Photoshop, gaining skills in photo manipulation, compositing, and professional artwork creation.

Pop, Rock & Hip-Hop: Music and Art in Motion: 0.5 credits - Step into the world where sound and vision collide! This course explores the dynamic relationship between music and art through three of the most influential movements of modern culture: Pop, Rock, and Hip-Hop. Students will dive into the history, style, and cultural impact of these genres while analyzing iconic album covers, music videos, and visual trends that shaped generations. Through hands-on projects, you'll create your own artistic interpretations inspired by the beats, lyrics, and aesthetics of these genres. From graffiti and pop art to stage design and digital media, this class is all about creativity, expression, and understanding the art behind the music that moves the world.

English and Language Arts Department

The English and Language Arts Department offers a variety of courses that provide a strong foundation in writing and literature while assuring that students possess skills necessary to succeed personally, academically, and professionally today and in the future. The content of each course is aligned with Pennsylvania Academic Standards and Common Core for reading, writing, listening, and speaking, and is designed to foster the unique creativity of each student and develop critical thinkers.

Department Requirements:

Students are required to complete 4.0 credits in English, to include 1 course in Literature and an English course to be taken each school year, during grades 9-12. Students are placed in appropriate courses by their school counselor.

Core Courses:

Career Literature and Composition 1: 1 credit - Literature and Composition curriculum units offer students a wide range of quality texts that engage students in analysis of fiction, drama, nonfiction, and poetry. Through the study of a variety of text types and media, students build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration and communication skills.

Career Literature and Composition 2: 1 credit - This course is a continuation of Literature and Composition 1 as students finish preparing for the Literature Keystone exam in the Spring. Students will read novels as well as online texts to show mastery of literature standards for fiction and nonfiction. They will be able to apply critical reading and thinking skills to help analyze and evaluate texts. They will continue to develop writing skills in response to the literature.

College Prep Literature and Composition 1: 1 credit - Literature and Composition curriculum units offer students a wide range of quality texts that engage students in analysis of fiction, drama, nonfiction, and poetry. Through the study of a variety of text types and media, students build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration and communication skills. This course will prepare stduents for College Prep or Honors Literature and Composition 2.

College Prep Literature and Composition 2: 1 credit - This course is a continuation of Literature and Composition 1 as students finish preparing for the Literature Keystone exam in the Spring. Students will read novels as well as online texts to show mastery of literature standards for fiction and nonfiction. They will be able to apply critical reading and thinking skills to help analyze and evaluate texts. *Prerequisite: College Prep Literature and Composition 1*

College Prep American Literature: 1 credit - Analyze texts exploring American identity, the American Dream, immigration, unity, and division throughout history. Prerequisite: College Prep Literature and Composition 2

English and Language Arts Department (continued)

College Prep Global Literature: 1 credit - Read works from around the world to explore how culture shapes our perceptions, and analyze religion, storytelling, and change. Prerequisite: English Keystone and American Literature

Career English in the Workplace: 1 credit - Students develop ELA skills for professional settings, applying knowledge to resumes, cover letters, interviews, media literacy, and communication. *Prerequisite: English Keystone*

College Prep English in the Workplace: 1 credit - Students develop ELA skills for academic and professional settings, applying knowledge to academic writing, resumes, cover letters, interviews, media literacy, and communication. Prerequisite: English Keystone

English Survey 9: 1 credit - This course is designed to prepare students for the rigors of high school English courses. Students will receive a thorough grounding in foundational reading and writing skills and develop an appreciation for different types of literature.

English Survey 10: 1 credit - Students will be exposed to the most important skills and text types for high school students to master. In this course, students will explore short stories, poetry, drama, and non-fiction texts while applying their learning of language arts skills and topics like Point of View, Irony, Conflict, Narrative Writing, Interpreting Drama, Making Inferences, Vocabulary Acquisition, and Comparing and Contrasting texts.

Honors American Literature: 1 credit - This advanced course asks students to analyze how American literature reflects the nation's struggles and hopes. Themes like immigration, the American Dream, and the ideas that both unite and divide us will be explored through text and discussion. *Prerequisite: Honors Literature & Composition 2*

Honors Global Literature: 1 credit - Students explore cultures through literature, comparing global elements like religion, societal norms, and storytelling, while examining cultural change through reading and analysis. *Prerequisite: Must have taken the English Keystone and American Literature*.

Honors Literature and Composition 2: 1 credit - This course is a continuation of Literature and Composition 1 as students finish preparing for the Literature Keystone exam in the Spring. Students will read novels as well as online texts to show mastery of literature standards for fiction and nonfiction. They will be able to apply critical reading and thinking skills to help analyze and evaluate texts. They will continue to develop writing skills in response to the literature. *Prerequisite: Honors and Literature and Composition 1*

Honors Literature and Composition 1: 1 credit - Literature and Composition curriculum units offer students a wide range of quality texts that engage students in analysis of fiction, drama, nonfiction, and poetry. Through the study of a variety of text types and media, students build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration, and communication skills.

English and Language Arts Department (continued)

Literature Survey 11: 1 credit - Students build foundational reading and writing skills to prepare for the Literature Keystone test, exploring various literary types.

Reading and Writing Fundamentals: 1 credit - Students will learn additional reading and writing strategies to help develop grade-level skills across fiction, non-fiction, creative writing, and story analysis. Prerequisite: English Keystone

Electives:

Creative Writing: 0.5 credits - Discover the major genres of writing including nonfiction, fiction, poetry, and drama, and sharpen your skills through a variety of creative projects.

Digital Authorship: 0.5 credits - Explore how to create and share original content across websites, blogs, vlogs, and podcasts while developing your voice as a digital creator.

Digital Literacy: 0.5 credits - Learn to navigate the digital world responsibly, exploring online etiquette, privacy, misinformation, and media literacy.

Graphic Novels: 0.5 credits - Students learn to read, analyze, and create graphic novels while exploring topics like superheroes, history, and memoir in visual storytelling.

Growing by the Book: 0.5 credits - Students read and analyze various genres of children's literature. Students are exposed to and reflect upon books that cover various topics like bullying, friendship, and emotions. Students also have the opportunity to author their own children's book or continue a more in depth analysis of popular children's literature.

Reading Hollywood: 0.5 credits - Students will examine how film adaptations of novels compare and contrast with its source material. Elements such as character, plot, visualization, dialogue, and more are analyzed across multiple pieces of fiction.

SAT Prep: 0.5 credits (0.25 credits for English, 0.25 credits for math) - Students take a practice SAT and prepare for the upcoming exam using IXL. This program allows students to receive an individualized study plan based on practice test scores. Students also workshop specific skills in live class once per week for Reading and Writing and once per week for Math.

English and Language Arts Department (continued)

SAT Prep: 0.5 credits (0.25 credits for English, 0.25 credits for math) - Students take a practice SAT and prepare for the upcoming exam using IXL. This program allows students to receive an individualized study plan based on practice test scores. Students also workshop specific skills in live class once per week for Reading and Writing and once per week for Math.

Voices Without Borders: Students will collaborate internationally to design and produce a student-led newspaper, fostering cross-cultural communication and leadership skills.

Platinum Reading 1: 1 elective credit - Students strengthen literacy skills like comprehension, fluency, and vocabulary through guided instruction and the Reading Plus platform.

Platinum Reading 2: 1 elective credit - Designed for students who completed Platinum Reading 1, this course supports continued reading growth through personalized work in Reading Plus. Prerequisite: Platinum Reading 1

English and Language Arts Course Sequences

To determine the most appropriate course for the upcoming school year, identify your current grade across the top, and look down that column until you find the course in which you are currently enrolled (or the closest equivalent). Then look to the right for the next courses in the sequence. Common course sequences with options are presented. Projected course and level offerings are subject to change depending on student needs and enrollment trends. For further assistance, please contact your school counselor.

<table>
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<tr><td rowspan="2">Honors Literature and Composition 1</td><td rowspan="2">Honors Literature and Composition 2</td><td rowspan="2">Honors American Literature</td><td>AP Language and Composition</td></tr>
<tr><td>Honors Global Literature</td></tr>
<tr><td>College Prep (CP) Literature and Composition 1</td><td>College Prep (CP) Literature and Composition 2</td><td>College Prep (CP) American Literature</td><td>CP Global Literature</td></tr>
<tr><td>Career Literature and Composition 1</td><td>Career Literature and Composition 2</td><td>Reading and Writing Fundamentals OR English Elective(s)</td><td>English in the Workplace OR English Elective(s)</td></tr>
<tr><td>English Survey 9</td><td>English Survey 10 OR Career Literature and Composition 1</td><td>Literature Survey 11 OR Career Literature and Composition 2</td><td>Reading and Writing Fundamentals OR English in the Workplace</td></tr>
</table>

English Language Development Program

Achievement House provides a rigorous, standards-based educational program for English Learners (ELs) of all levels. Our English Learners build and develop their linguistic proficiency in a program that is both intensive and flexible. Identified English Learners attend an ESL (English as a Second Language) course taught by a certified ESL teacher and designed to promote the continual develop of English language reading, speaking, writing and listening skills. Additionally, the ESL department collaborates closely with classroom teachers to ensure that academic curriculum is accessible so that your student can successfully meet standards and make gains in English language proficiency. Bilingual mentors and access one-on-one help sessions further support students, ensuring positive outcomes for our English Learners.

Upon enrolling, non-native English-speaking students are evaluated for placement into the ESL program. Achievement House adheres to the WIDA English Language Proficiency Standards and employs the WIDA Screener to accurately determine your student's English language proficiency. If it is determined that your student would benefit from English language development support, an individualized program is implemented to best help your student develop English language proficiency while achieving grade-level content standards.

Four different sections of ESL support the needs of students. Newcomer EL (NEL) serves the needs of brand-new English learners acquiring basic English skills, Beginning EL (BEL) serves the needs of students in levels 1-2 (Entering and Beginning); Intermediate EL (IEL) serves the needs of students in levels 3-4 (Developing and Expanding); and Advanced EL (AEL) serves the needs of students in level 5 (Bridging).

Achievement House English Learners can truly achieve the proficiency and literacy to effectively communicate in English, excel in their academic courses, and realize their higher education and professional goals after graduation.

Newcomer EL: 1 credit — The Newcomer EL course is specially designed for recent immigrants who have very little or no English proficiency. Students in this program develop linguistic survival skills and support as they begin to adapt to their new surroundings. Placement in this course is based on scores on the WIDA Screener and teacher input.

Beginning EL: 1 credit - Students will engage with language acquisition assignments to develop and improve English. They will work on reading, listening and speaking skills while exploring primary sources in a variety of subjects and interests to facilitate vocabulary development.

Intermediate EL: 1 credit - Students will engage with language acquisition assignments to develop and improve English. They will work on reading, listening and speaking skills while exploring primary sources in a variety of subjects and interests to facilitate vocabulary development. This course delves into topics with individual research and projects as well.

English Language Development Program (continued)

Advanced EL: 1 credit - Students will engage with language acquisition assignments to develop and improve English. They will work on reading, listening and speaking skills while exploring primary sources in a variety of subjects and interests to facilitate vocabulary development. This course provides more opportunities for writing and speaking practice.

Health and Physical Education Department
The primary goal of the Health and Physical Education Department is for students to develop the attitudes, knowledge and skills needed to attain and maintain fitness and wellness throughout a lifetime.

Department Requirements:

Students are required to complete 1.0 credit in Health/Physical Education, to include Health (Wellness) and a PE course to be taken each school year. Physical Education courses do not need to be taken consecutively.

Advanced Physical Education: 0.25 PE credits - Students will learn a multitude of different forms of exercise as well as set fitness goals and work towards them through the use of physical tests and fitness logs.

Basic First Aid and CPR : 0.25 Health credits - This course provides essential training in recognizing and responding to medical emergencies, including sudden illnesses, injuries, and breathing and cardiac arrests. Participants will learn fundamental first aid techniques and how to perform Cardiopulmonary Resuscitation (CPR) and use an Automated External Defibrillator (AED) for adults, children, and infants.

Child Development and Parenting: 0.5 Health credits - This course explores child development from conception through adolescence, integrating theory with parenting strategies. Students learn about physical, cognitive, social, and emotional growth.

Driver's Education: 0.25 credits - Through DriversEd.com, students study road rules and defensive driving, earning a PennDOT certificate upon passing.

Exploration into Medical Careers: 0.5 credits - Students will learn about various careers in the medical field. This class is designed for those considering entering the healthcare profession.

First Aid and CPR Certification: 0.25 Health credits - This course offers American Red Cross training in recognizing and responding to first aid, breathing, and cardiac emergencies, including CPR and AED use. *Prerequisite: Basic First Aid and CPR*

Fitness and Wellness: 0.25 PE credits - This course focuses on developing both health-related and skill-related components of fitness. Students assess fitness levels and design personalized programs.

Health and Physical Education Department (continued)

High School Health: 0.5 Health credits - In this course, students will explore physical, mental, and social health, communicable and non-communicable diseases, personal habits, and media impact, while also learning about health careers.

Lifetime Physical Activities: 0.25 PE credits - In this course, students will explore fitness and wellness concepts through activities that promote lifelong physical participation and health awareness.

Nutrition: 0.5 Health credits - In this course, students will explore the building blocks of a healthy lifestyle by learning the benefits of balanced nutrition and active living.

Personal Wellness: 0.25 Health credits - In this course, students will explore health education including drugs, sex education, and overall wellness to support informed decision-making.

Team and Individual Sports: 0.25 PE credits - Students will explore various sports while tracking personal fitness, gaining physical and mental health benefits.

Mathematics Department

The Mathematics Department is designed to build each student's knowledge of the skills and concepts required by the Pennsylvania Mathematics Standards and the Common Core. The courses focus on teaching students to make sense of problems and persevere in solving them; reason abstractly and quantitatively; construct viable arguments and critique the reasoning of others; model with mathematics; use appropriate tools strategically; attend to precision; look for and make use of structure; and look for and express regularity in repeated reasoning.

Department Requirements:
Students are required to complete 3.0 credits in Mathematics, to include 1 course in Algebra during grades 9-12. Students are placed in appropriate courses by their guidance counselor.

Core Courses:
Algebraic Concepts: 1 credit - In this course, we'll cover a variety of fundamentals of Algebra, including variables, order of operations, solving graphing, and evaluating equations, systems of equations, and exploring quadratic equations.

AP Calculus AB: 1 credit - In this course, you will develop a rigorous understanding of differential and integral calculus, including limits, continuity, the derivative and its applications, and the Fundamental Theorem of Calculus. You will engage in analytical problem solving and mathematical reasoning to model real-world phenomena and prepare for the AP Calculus AB Exam at the conclusion of this course. *Prerequisite: Pre-Calculus & Teacher Recommendation*

AP Pre-Calculus: 1 credit - In this AP course, students will deepen their understanding of functions, modeling, trigonometry and complex numbers through a rigorous, college-level curriculum. Students will apply mathematical concepts to real-world situations, building the skills needed for calculus and STEM fields. *Prerequisite: Honors Algebra 2 or Teacher Recommendation*

Mathematics Department (continued)

Applications of Algebra: 1 credit - This course is the second of two year-long courses in the alternative Algebra 1 sequence. Students will build on foundational skills from Introduction to Algebra, with a continued focus on solving equations, inequalities, systems of linear equations, and analyzing relationships using tables, graphs, and expressions in preparation for the Keystone Algebra I Exam. *Prerequisite: Introduction to Algebra*

Calculus: 1 credit - In this course, students will explore the foundational concepts of limits, derivatives, and integrals, learning how to analyze and model real-world change. Students will develop problem-solving skills through hands-on practice and gain a deeper understanding of how calculus applies to science, engineering, and everyday life. *Prerequisite: CP Pre-Calculus, Honors Pre-Calculus, AP Pre-Calculus, or Teacher Recommendation*

College Prep Algebra I: 1 credit - In this Pennsylvania Algebra 1 Keystone Exam aligned course, students will be introduced to linear equations and inequalities including models and graphs. This class will continue with the study of systems of linear equations and inequalities as well as exponents, polynomial expressions, radicals, quadratic functions, and data analysis. Students enrolled in this class are required to take the physically proctored Pennsylvania Algebra Keystone exam at the conclusion of this class.

College Prep Algebra II: 1 credit - This course reviews the ideas and concepts taught in Algebra 1 along with a serious investigation of advanced algebraic concepts, including: quadratic equations, systems of equations, complex numbers, exponential and logarithmic functions, matrices and determinants, polynomial functions and radical functions, and exponents. *Prerequisite: Algebra*

College Prep Geometry: 1 credit - This course will emphasize making connections within the concept of plane geometry. Students will be introduced to inductive and deductive reasoning, logic and proof including two-column proofs, thinking logically and precisely, the basic principles of plane and coordinate geometry, development of problem solving skills, and full integration of algebra and geometry. Additionally, this course will prepare students for more advanced work in mathematics in other high school and college courses. *Prerequisite: Algebra*

College Prep Pre-Calculus: 1 credit - Build on algebra skills and dive into advanced topics like functions, trigonometry, and complex numbers to prepare for calculus. *Prerequisite: CP Algebra 2 or Teacher Recommendation*

Essentials of HS Math: 1 credit - Build computational fluency with all real numbers, including fractions, decimals, integers, and rational numbers. Learn to solve problems involving exponents, proportions, data analysis, and probability. Discover geometric transformations and the Pythagorean Theorem. Explore algebraic expressions, equations, and inequalities. Includes problem-solving with direct real-world applications.

Mathematics Department (continued)

Geogebra: 1 credit - This course is a bridge to prepare students for college-level math courses. This will include topics from Geometry, Algebra 1, and SAT preparations. Students will extend their learning through real world applications of algebraic, geometric, and statistical concepts. The course will include a review of the families of functions (linear, exponential, and quadratic), measures of central tendency, standard deviation, probability, combinations, permutations, properties of polygons, area and perimeter of two-dimensional figures, surface area and volume of three-dimensional figures, algebraic and geometric transformations, and right triangle trigonometry. *Prerequisite: Algebra 1*

Honors Algebra I: 1 credit — In this Pennsylvania Algebra 1 Keystone Exam aligned course, students will be introduced to linear equations and inequalities including models and graphs. This class will continue with the study of systems of linear equations and inequalities as well as exponents, polynomial expressions, radicals, quadratic functions, and data analysis. Students enrolled in this class are required to take the physically proctored Pennsylvania Algebra Keystone exam at the conclusion of this class. This class will experience a higher level of rigor than its CP counterpart.

Honors Algebra II: 1 credit - This course reviews Algebra 1 concepts and explores advanced algebra topics including quadratic equations, complex numbers, logarithms, matrices, and polynomial functions. *Prerequisite: Algebra I*

Honors Geometry: 1 credit - This course will emphasize making connections within the concept of plane geometry. Students will be introduced to inductive and deductive reasoning, logic and proof, including two-column proofs, thinking logically and precisely, the basic principles of plane and coordinate geometry, development of problem-solving skills, and full integration of algebra and geometry. Additionally, this course will prepare students for more advanced work in mathematics in other high school and college courses. *Prerequisite: Algebra*

Honors Pre-Calculus: 1 credit - Students strengthen algebra and explore advanced functions, trigonometry, and complex numbers to prepare for Calculus. *Prerequisite: CP Algebra 2, Honors Algebra 2, or Teacher Recommendation*

Introduction to Algebra: 1 credit - Students will focus on linear relationships and algebraic manipulation of expressions, equations, and inequalities as part of an alternative Algebra 1 sequence.

College Prep Personal Finance: 1 credit - Students gain real-world financial skills, including budgeting, investing, and managing debt through interactive lessons and practical applications.

Mathematics Department (continued)

Pre-Algebra: 1 credit - Prepare for algebra through exploring the real number system, powers/roots, scientific notation, and the laws of exponents. Study algebraic expressions, equations, and inequalities. Explore linear equations and functions. Includes problem-solving with direct real-world applications.

Career Personal Finance: 1 credit - This course is designed to help prepare students for the financial challenges they will face in life after high school. Topics covered include the concept of banking, investing, credit, insurance, taxes, and budgeting. The course will have the student put into action the things that they learn in activities such as completing a Salary-Based Budget and completing a 1040 tax form for a sample person.

Statistics: 0.5 credit: This course explores the methods of collecting, analyzing, and interpreting data to make informed decisions. *Prerequisite: Algebra*

Electives:
Empires in Time: 0.25 credits - This interdisciplinary course blends the Age of Empires game with history and math. Students explore dynasties like the Abbasids and Mongols while learning strategy and analysis skills. Students enrolled in this course will also earn 0.25 credits in Social Studies.

Keystone Math Lab: 0.5 credits - This course is intended to provide students with additional support in preparing for their Algebra Keystone Exam. The math topics reviewed will focus on the current students' needs based on standardized test scores and their Algebra teachers' recommendations. Test-taking strategies will be discussed. Students will take the Algebra Keystone Exam in May, following this course. This is a semester course. This allows for the emphasis to be on the students' needs and reteaching specific topics/ strategies when necessary. *Prerequisite: Students must have taken or are taking a Keystone Algebra trigger course and are taking the Keystone Algebra Test in May of the course.*

Patterns and Puzzles: 0.5 credits - Students will use familiar operations to investigate a variety of math and logic puzzles through a semester-long course.

Probability: 0.5 credits - In this course, students will learn how to analyze random events, calculate probabilities, and interpret data using mathematical reasoning. Students will apply these concepts to real-world scenarios, helping to make informed decisions in everyday life and future studies.

SAT Prep: 0.5 credits (0.25 credits for English, 0.25 credits for math)- Students take a practice SAT and prepare for the upcoming exam using IXL. This program allows students to receive an individualized study plan based on practice test scores. Students also workshop specific skills in live class once per week for Reading and Writing and once per week for Math.

High School Program of Studies

Mathematics Course Sequences To determine the most appropriate course for the upcoming school year, identify your current grade across the top, look down that column until you find the course in which you are currently enrolled (or the closest equivalent). Then look to the right for the next courses in the sequence.

****Personal Finance** is a graduation requirement for all students and may be taken as a core mathematics course or as an elective in addition to a selected core mathematics course and may be taken during any grade 9, 10, 11, 12.

<table>
<tr><th colspan="2">9th Grade</th><th>10th Grade</th><th>11th Grade</th><th>12th Grade</th></tr>
<tr><td rowspan="2">Must have passed Algebra 1 Keystone in 8th Grade</td><td>Honors Geometry</td><td rowspan="2">Honors Algebra 2</td><td rowspan="2">Honors Pre-Calculus</td><td>AP Calculus OR Personal Finance</td></tr>
<tr><td>College Prep (CP) Geometry</td><td>College Prep (CP) Algebra 2</td><td>College Prep (CP) Pre-Calculus</td><td>Honors Calculus or Personal Finance</td></tr>
<tr><td colspan="2">Honors Algebra 1</td><td>Honors Geometry</td><td>Honors Algebra 2</td><td>Pre-Calculus, AP Pre-Calculus, OR Personal Finance</td></tr>
<tr><td colspan="2">College Prep (CP) Algebra 1</td><td>College Prep (CP) Geometry</td><td colspan="2">College Prep (CP) Algebra 2, OR Personal Fnance</td></tr>
<tr><td colspan="2" rowspan="2">Introduction to Algebra</td><td rowspan="2">Applications of Algebra</td><td>Geogebra</td><td>Personal Finance</td></tr>
<tr><td>Geogebra</td><td>Personal Finance</td></tr>
<tr><td colspan="2">Pre-Algebra</td><td>Introduction to Algebra</td><td>Applications of Algebra</td><td>Personal Finance</td></tr>
<tr><td colspan="2">Essentials of High School Math</td><td>Pre-Algebra</td><td>Algebraic Concepts</td><td>Personal Finance</td></tr>
</table>

Science Department

The Science Department focuses on helping students to develop literacy in science. This is accomplished through lessons and units of study that address the process of Inquiry Learning. Students are required to examine information and resources, plan and conduct experiments and investigations, compare their findings to others, and communicate their results and conclusions.

Department Requirements:

Students are required to complete 3.0 credits in Science, to include 1 course in Biology, during grades 9-12. Students are placed in appropriate courses by their guidance counselor. Courses marked (*) meet the Biology requirement for this department.

Core Courses:

Career Chemistry: 1 credit - An introduction to chemistry including topics such as atomic structure, bonding, stoichiometry, gas laws, nuclear chemistry, and more through labs and analysis. *Prerequisite: CP Biology or Teacher Permission*

College Prep Chemistry: 1 credit - Study topics such as atomic structure, bonding, stoichiometry, gas laws, nuclear chemistry, and more through labs and analysis. *Prerequisite: CP Biology or Teacher Permission*

College Prep Physics: 1 credit - Explore physics topics like motion, energy, electricity, waves, and nuclear physics through labs, simulations, and problem solving. *Prerequisite: CP Biology or Teacher Permission*

Earth and Space Science: 1 credit - In this course, students will explore Earth's systems—the geosphere, hydrosphere, atmosphere—and venture into space to examine life's uniqueness on Earth.

Environmental Science: 1 credit - Students study Earth's environment and human impact, seeking solutions to issues like pollution and climate change.

High School Biology: 1 credit - Students will explore the fundamental concepts and processes of life science by engaging in investigations and real-world applications of topics including cell structure and function, heredity, evolution, and ecology. They will analyze patterns, cause and effect, and structure-function relationships within living organisms and ecosystems while building scientific practices such as asking questions, planning investigations, analyzing data, and communicating findings.
**The High School Biology course is offered at three levels: Career, College Prep, and Honors*

Honors Chemistry: 1 credit - Students examine chemical structures, bonding, thermodynamics, solutions, stoichiometry, acids/bases, and molecular energy levels. *Prerequisite: Honors Biology or Teacher Permission*

Honors Physics: 1 credit - Students explore physics concepts like kinematics, forces, energy, waves, electricity, and nuclear physics through experiments and problem solving. *Prerequisite: Honors Chemistry*

Science Department (continued)

Life Science: 1 credit - Students explore biological principles, including cells, genetics, ecology, and how other sciences like chemistry connect to life functions. Life Science is offered at the Career, College Prep, and Honors levels.

Physical Science: 1 credit - Students explore the principles of matter, energy, space, and time, focusing on non-living systems and the laws that govern them.

Electives:

Anatomy and Physiology: 1 credit - This class investigates the study of anatomical structures, physiological systems, and body functions. Students will review human structural and functional organization at both the microscopic and macroscopic levels. Units will include discussions of the basic body systems, including the musculoskeletal, circulatory, nervous, and integumentary systems. The class also includes the study of recent advances in medical technology. *Prerequisite: Life Science or Biology*

Animal Behavior and Adaptations: 0.5 credits - In this interdisciplinary course, students will explore animal behavior and adaptations to understand how animals interact with their environments and each other. Beginning with key concepts like communication and social structures, students will engage in activities such as field observations and experiments to enhance their critical thinking and observational skills. They will investigate both physical and behavioral adaptations through case studies and habitat models, while also comparing animal and human behaviors to examine the biological and environmental factors that shape social structures. Additionally, the course will address the impact of human activities on wildlife and ecosystems, fostering awareness of conservation strategies and equipping students to become informed advocates for animal welfare and environmental conservation.

Events and Disasters: 0.5 credits - Students explore how natural hazards become disasters and how humans respond to and prepare for catastrophic events using scientific methods.

Forensic Science: 0.5 credits - This course surveys key topics in forensic science, including forensic analysis, crime scene processing, arson, forensic entomology, anthropology, and the analysis of various forms of evidence. Prerequisite: At least one year of any high school science

Intro to Astronomy: 0.5 credits - Students will gain a basic overview of the universe, fostering appreciation and understanding of celestial objects and cosmic phenomena.

Marine Science: 0.5 credits - This class explores the study of various lifeforms that we find in the ocean. Students will learn to classify organisms based on their anatomy and specialized features. Units will include different ocean habitats, food webs, ocean currents, tides and classifying all kinds of ocean life.

Visual Anatomy: 0.5 credits - Students will have the opportunity to learn through hands-on projects in this interdisciplinary course incorporating both art and anatomy. Some of the major body organs including the heart, skull, brain, and eyes will be explored as well as the skeletal, muscular, nervous, respiratory and digestive systems.

Science Course Sequences

To determine the most appropriate course for the upcoming school year, identify your current grade across the top, look down that column until you find the course in which you are currently enrolled (or the closest equivalent). Then look to the right for the next courses in the sequence. Common course sequences are presented. Projected course and level offerings are subject to change depending on student needs and enrollment trends. For further assistance, please contact your school counselor.

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<tr><td rowspan="2">Must have scored Proficient on PSSA in 8th Grade</td><td>Honors Biology</td><td>Honors Chemistry</td><td>Honors Physics OR Environmental Science</td><td>Honors Physics, Honors Physics 2</td></tr>
<tr><td>CP Biology</td><td>CP Chemistry</td><td colspan="2">CP Physics, Environmental Science, OR Elective(s)</td></tr>
<tr><td colspan="2">CP Life Science</td><td>CP Biology, Honors Bio</td><td>CP Chemistry OR Environmental Science</td><td>CP Chemistry, CP Physics OR Elective(s)</td></tr>
<tr><td colspan="2">Physical Science</td><td>CP Life Science</td><td>CP Biology</td><td></td></tr>
<tr><td colspan="2">Earth Science</td><td>Career Life Science</td><td>Career Biology</td><td></td></tr>
</table>

Social Studies Department

The Social Studies Department consists of many different courses spanning all eras. The Department goal is to enable students to make connections between the American experience and the global one. America is not isolated, but is part of an ever-changing world. By studying both American and world history, students will learn from the past to be more informed citizens of the present and become better able to create context for the future using 21st century skills.

Department Requirements:

Students are required to complete 3.0 credits in Social Studies, to include 1 course in Civics (or Government) during grades 9-12. Students are placed in appropriate courses by their guidance counselor. Courses marked (*) meet the Civics requirement for this department.

Core Courses:

AP European History: 1 credit - AP European History is an introductory college-level European history course. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like the interaction of Europe and the world; economic and commercial developments, cultural and intellectual developments, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovation.

AP U.S. Government and Politics: 1 credit - This course provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in course skills that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research project or an applied civics project. *Prerequisite: U.S. History*

AP Psychology: 1 credit - AP Psychology: 1.0 Credit- This college-level course provides an in-depth exploration of the systematic and scientific study of human behavior and mental processes. Following the Myers for AP Psychology 4th Edition, students examine the five foundational pillars of psychology: Biological Bases, Cognition, Development and Learning, Social and Personality, and Physical and Mental Health. The course emphasizes advanced scientific inquiry, requiring students to move beyond rote memorization to perform complex data interpretation, ethical evaluation of research, and longitudinal behavioral analysis. Students will master the ability to apply psychological theories to real-world scenarios, developing the critical thinking skills necessary for both the AP Examination and future collegiate studies in the social and behavioral sciences.

Social Studies Department (continued)

AP U.S. History: 1 credit - In this course, students will study the cultural, economic, political, and social developments that have shaped the United States from c. 1491 to the present. Students will analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments. *Prerequisite: Teacher Recommendation Required*

Career Civics Section 1: 1 credit - Students will explore the fundamentals of American and World governments. They will apply principles of Rule of Law, Popular Sovereignty, and Federalism. These concepts will be implemented to better understand the role of governments. *Prerequisite: U.S. History*

Career Modern World History: 1 credit - This course covers a time period from the 1450s to the Cold War. Students explore events, people, and ideas that shaped the modern world, such as the Renaissance, Enlightenment, revolutions, and world wars.

Career US History: 1 credit - This course explores U.S. history from the 1800s through the 1970s, including the contributions of minorities. Students assess historical materials and interpretations.

College Prep Civics: 1 credit - This class is designed to help students become active, productive citizens of the U.S. Students will learn what government is, how the American government functions and what they can do to become an ideal citizen of the U.S.

CP Modern World History: 1 credit - Study the major events and ideas from the Renaissance through the Cold War, including revolutions, WWI & WWII, and global conflicts.

CP United States History: 1 credit - Explore U.S. history from the 1800s to the 1970s with a focus on minority contributions and major national and international events.

Foundations of Civics: 0.5 credit - This class is designed to help students become active, productive citizens of the U.S. Throughout the class, students will learn what government is, how the American government functions, and what they can do to become an ideal citizen of the U.S.

Honors Civics: 1 credit - Students will explore the fundamentals of American and World governments. They will apply principles of Rule of Law, Popular Sovereignty, and Federalism. These concepts will be implemented to better understand the role of governments.

Social Studies Department (continued)

Honors Modern World History: 1 credit - Covers key global events from the 1450s through the Cold War. Students study topics such as the Renaissance, Enlightenment, colonization, monarchies, and world wars to understand how modern history was shaped.

Honors US History: 1 credit - Students examine events from the 1800s–1970s, exploring pivotal historical moments, minority contributions, and document-based interpretation.

Law and Justice: 1 credit - Students explore the criminal justice system, from crimes and courts to societal impacts, through scenarios and real-world applications.

Psychology: 1 credit - Students will explore how the brain works, why we feel and act the way we do, and the basics of psychology and its study.

Electives:
African American History: 0.5 credits - This course presents an in-depth look at Black History in America, from enslavement through the Civil Rights Movement. Emphasis is placed on the achievements and contributions of African Americans to U.S. society and history.

Economics: 0.5 credits - Students learn how businesses make money and explore key concepts like supply/demand, production, and creating a business plan.

Empires in Time: 0.25 credits - This interdisciplinary course blends the Age of Empires game with history and math. Students explore dynasties like the Abbasids and Mongols while learning strategy and analysis skills. Students enrolled in this course will also receive 0.25 credits in Math.

Fascinating Events Through History: 1 credit - This course provides an in-depth exploration of some of the most transformative events in history, emphasizing critical analysis over simple discovery. Students will examine the complex causes behind historical events, evaluate differing interpretations, and assess both immediate and long-term impacts on societies around the world. By engaging in deeper investigation and interpretation, students will develop the skills necessary to think like historians and understand the broader significance of historical change. *No prerequisite is required, though a basic understanding of U.S. and World History is encouraged.*

International Relations: A Simulation to Understanding How Countries Interact: 0.5 credits - Step into the shoes of a national leader! In this hands-on International Relations simulation, you'll be assigned a fictional country and build its foreign policy across units like alliances, trade, security, and the environment. Use research, negotiation, and AI simulations to test your choices, respond to crises, and outmaneuver other nations. Assessments mirror real-world work—policy briefs, negotiation performance, and a final strategy portfolio where you reshape your country's global role. By the end, you'll think and act like a policymaker, defending decisions with evidence and simulated results. Prerequisite: Civics

Social Studies Department (continued)

Pennsylvania History: 0.5 credits - Students will gain a deeper understanding of the history, geography, culture and politics of the Commonwealth of Pennsylvania. Students will study the history of our state from the pre-colonial history through the birth of America and the importance of PA in the growth of the country.

Women in History: 0.5 credits - Students will learn about the important roles women played in America from pre-colonial era to present day. Key topics included are the contributions of women in our nation's wars, the suffrage movement, the expansion of civil rights and growth of political power.

Social Studies Course Sequences To determine the most appropriate course for the upcoming school year, identify your current grade across the top, look down that column until you find the course in which you are currently enrolled (or the closest equivalent). Then look to the right for the next courses in the sequence. Common course sequences are presented. Projected course and level offerings are subject to change depending on student needs and enrollment trends. For further assistance, please contact your school counselor.

9th Grade	10th Grade	11th Grade	12th Grade
Honors Modern World History	Honors U.S. History	Honors Civics	AP U.S. History OR AP U.S. Government and Politics OR AP European History
College Prep (CP) Modern World History	College Prep (CP) U.S. History	College Prep (CP) Civics	College Prep (CP) Civics OR Elective(s)
Career Modern World History	Career U.S. History	Career Civics	

Special Subjects/Electives Department

The primary goal of the Specials and Electives Department is to provide students with opportunities to explore diverse interests, develop creative and practical skills, and discover new passions that extend beyond the core curriculum. Through exposure to a variety of subjects, students gain the knowledge, confidence, and experiences needed to become well-rounded learners prepared for future academic, career, and personal success.

Intro to Game Design: 0.5 credit - Students will develop foundational knowledge in game design, including game mechanics, narrative structure, and user experience. Through hands-on projects using industry-standard software, you will apply design principles, refine technical skills, and analyze gameplay to create engaging interactive experiences.

3D Printing: 0.5 credits - Get ready to bring your ideas to life—layer by layer! In this hands-on course, you will dive into the world of 3D printing, learning how to design, model, and fabricate your own creations. From digital sketches to real-world prints, you will build skills that turn imagination into innovation.

AP Computer Science A: 1 credit - Code your future in Java! In this AP course, you will learn to design and build real-world applications using Java, mastering key concepts like classes, objects, loops, and algorithms. A strong AP exam score can earn you college credit and a head start in tech. *Prerequisite - Successful completion of AP CSP is required.*

AP Computer Science Principles: In this AP course, you will explore how computer science impacts our world, build real-world projects using Python and web-based tools, and develop problem-solving skills through creative coding projects. A strong AP exam score may earn you college credit and advanced placement. *Prerequisite - Aptitude in a prior computer science course is required.*

Communication Skills for Business: 0.5 credits - Students will develop essential communication skills for the business environment, including professional writing, presentations, interpersonal communication, and digital correspondence. Through practical exercises, students will learn to convey ideas clearly, collaborate effectively, and navigate various business communications.

I**ntroduction to Computer Science:** 1 credit - Students will explore computer science fundamentals, including algorithms, programming, and data structures, through hands-on coding projects.

I**ntroduction to JavaScript:** 0.5 credits - In this course, students will develop foundational knowledge in computer science and programming through the study of JavaScript. Emphasizing logical reasoning and problem-solving, the curriculum offers a structured, interactive learning environment that includes video tutorials, coding exercises, and assessments.

Introduction to Artificial Intelligence: 0.25 Credits - In this course, students will be introduced to different types of AI and how to use AI productively and responsibly.

Introduction to Carpentry: 0.25 Credits - In this course, students are introduced to basic carpentry skills. Students receive small kits with materials and tools to practice these skills while making small-scale projects.

Special/Electives Department (continued)

Introduction to Python: 0.25 credits - In this visual coding course, you will use Python Turtle to draw shapes, patterns, and sequences on a digital canvas—learning programming through art! It's the perfect launchpad for diving into Raspberry Pi projects.

Microsoft Office Basics: 1 credit - Students will develop skills in Microsoft Word, Excel, PowerPoint, and Outlook to create documents, manage data, and communicate effectively.

Raspberry Pi Projects: 0.5 credits - Get hands-on with tech as you dive into the world of physical computing using the Raspberry Pi 400! You will build and program interactive circuits, blending hardware and code to create cool, real-world projects that make your ideas come to life. *Prerequisite: Introduction to Python*

Web Design 1: 0.5 credits - In this course, students will explore the fundamentals of web development by learning HTML, CSS, and introductory JavaScript to build functional and visually appealing websites.

Web Design 2: 0.5 credits - In this course, students will build on your foundational web development skills by exploring advanced topics such as responsive design, interactive web features, and dynamic content integration.

Independent Study Department

Reach out to your Counselor if you are interested in an independent study. Potential areas of independent study include:

Driver's Education - Staying Safe Behind the Wheel: 0.25 credits — In this independent study course, students will be provided with all the information needed to earn their driver's license. Interactive lessons are used to examine up-to-date safe-driving techniques. Students who take this course will enjoy an effective, high-quality driver's education course that will teach them everything they need to know to become safe, confident drivers. The 24/7 online access is perfect for those students who may not have the time to attend traditional driver's education courses.

Independent Art: 0.5 credits — Complete course description can be found in the Arts and Humanities Department section of this program.

Independent First Aid and CPR/AED - How to Save a Life: 0.25 credits — Complete course description can be found in the Health and Physical Education Department section of this program.

Independent Family and Consumer Sciences: 0.5 credits — Complete course description can be found in the Arts and Humanities Department section of this program.

Independent Music: 0.5 credits — Complete course description can be found in the Arts and Humanities Department section of this program.

Independent Study Department (continued)

Independent Physical Education: 0.5 credits — Complete course description can be found in the Health and Physical Education Department section of this program.

Independent Study Creative Outlet: 0.25 credits — Complete course description can be found in the Arts and Humanities Department section of this program.

Independent Language – AHCCS joins more than 20,000 schools and districts around the world that have integrated Rosetta Stone Solutions into their curriculum to support the growing need for language skills. The Dynamic Immersion® method used within this program allows student to engage with a language through images, repetition, and scaffolding without needing translation. Rosetta Stone also offers ease of learning through a mobile application for students on the go. A school facilitator will oversee student progress in this self-paced, online course, as well as grade assignments and help keep students on track to complete their language level in a timely manner. Each language typically has 3-5 levels of study available. Completion of a level is equal to one academic credit. The following languages are offered through Rosetta Stone Solutions. Please contact your school counselor if you are interested in taking a language that is not listed below.

- Arabic
- Mandarin Chinese
- French
- German
- Greek
- Hebrew
- Italian
- Japanese
- Korean
- Latin
- Spanish

Special Education Program of Studies

Special Education Courses

- Learning Support, Life Skills, and Social Emotional courses with evidence-based programming.
- Ongoing progress monitoring to drive instructional needs.

Homework Help

- Provided three times per week for every student with an IEP.
- Math & Reading Workshops available too (Evidence-Based Programming).

Transition Services & Activities

Life Launch Workshops three times per week, year-round, virtual and on-site field trips, agency enrollment support, school-wide career readiness courses, and transition activities.

Behavioral Services

Based on student needs identified in their IEP:

- FBA, PBSP, Token Economy System, Behavioral Specialist, Counseling, Small Group Support

ESY & Related Services

Based on student needs identified in their IEP.

Specially Designed Instruction & Assistive Technology

Based on student needs identified in their IEP.

Academic Departments of Achievement House Cyber Charter School

AAHCCS Special Education teachers provide live, individualized instruction tailored to each student, with flexible course options available through our Independent Study partnerships.

English Courses

English Explorations: This life skills English course uses the UFLI, IXL, Reading A to Z, and BrainPOP curriculum to support early literacy, phonics, reading fluency, comprehension, and written expression. Aligned with PA standards and IEP goals, instruction follows the I Do, We Do, You Do model, with lessons delivered in small, manageable steps and reinforced through multiple exposures and ongoing feedback. Students engage with adapted texts across a variety of genres—such as classic literature, poetry, and nonfiction—designed to be socially and developmentally appropriate, preparing them to access text in everyday life.

English Foundations: This modified American Literature course focuses on developing reading fluency, comprehension, and written expression through accessible texts aligned with PA standards. Instruction is individualized to support each student's IEP goals, providing structured access to grade-level content at an appropriate pace and level. Students will also use IXL, an evidence-based program, to reinforce understanding and retention of key concepts at their individualized instructional level.

English Courses (continued)

English Origins: This modified World Literature course supports students in building reading fluency, comprehension, and written expression aligned with PA standards. Instruction is adapted to each student's IEP goals, offering access to grade-level concepts at a tailored pace and level. Students will also use IXL, an evidence-based program, to reinforce understanding and retention of key concepts at their individualized instructional level.

Independent Reading Workshop: In this self-paced course, students engage with evidence-based ESSA Strong programs such as Read Live and/or IXL to strengthen early literacy, phonics, reading fluency, and comprehension skills. Instruction is tailored to each student's instructional level to support accelerated progress toward their measurable annual IEP goals.

Reading Express: 1 credit - Reading Express is an intensive reading intervention course designed to accelerate literacy growth and rapidly close the gap between a student's instructional reading level and grade-level expectations. Using the evidence-based HD Word curriculum from the Really Great Reading Company, students receive explicit, systematic instruction in phonics, decoding, word recognition, spelling patterns, and reading fluency. Instruction is individualized and paced to meet each student's needs while targeting foundational literacy skills that support improved reading comprehension and overall academic success. Progress is monitored regularly to ensure students make meaningful gains toward grade-level proficiency and individualized learning goals.

History Courses

History Foundations: This modified U.S. History course is based on the McGraw Hill curriculum and aligned with PA standards. Students explore key events and themes in American history with instructional supports for reading fluency, comprehension, and written expression, tailored to their individual IEP goals and learning needs. Students will also use IXL, an evidence-based program, to reinforc**e understanding and retention of key concepts at their individualized instructional level.**

History Origins: This modified World History course is based on the grade-level McGraw Hill curriculum and aligned with PA standards. Students build reading fluency, comprehension, and written expression while exploring key historical concepts. Instruction is adapted to each student's IEP goals, providing access to grade-level content at a pace and level appropriate to their needs. Students will also use IXL, an evidence-based program, to reinforce understanding and retention of key concepts at their individualized instructional level.

Social Studies Explorations: This life skills course uses a Scholastic Weekly Studies and BrainPOP curriculum to provide inclusive, standards-aligned instruction in core social studies concepts. Students build essential vocabulary, connect new ideas to prior knowledge, and engage with adapted texts through the I Do, We Do, You Do model. Lessons are delivered in small, manageable steps with frequent practice and feedback. Through interactive projects, guided reading, and comprehension activities, students apply social studies concepts in meaningful ways while developing literacy and communication skills aligned with their IEP goals. Students will also use IXL, an evidence-based program, to reinforce understanding and retention of key concepts at their individualized instructional level.

Math Courses

Independent Math Workshop: This ESSA Strong, self-paced course uses IXL to develop and strengthen math skills across all key areas. Additionally, an ESSA Moderate-rated alternative, Zearn, is provided to offer varied instructional approaches. Instruction is personalized to each student's needs, promoting steady progress toward measurable annual IEP goals through targeted practice and ongoing teacher support.

Math Explorations: This life skills math course utilizes the Zearn and IXL evidence-based curriculum aligned with modified Pennsylvania standards. It focuses on everyday math skills essential for independent living, such as budgeting, time management, reading bus schedules, and planning daily activities. Instruction activates background knowledge and connects math concepts to real-world situations through explicit teaching and practice. Skills are reinforced and spiraled to promote retention and generalization, supporting students' successful transition to adulthood and independence. Additionally, IXL is used to reinforce math concepts at each student's individualized instructional level. This course is designed to support progress toward measurable annual goals outlined in each student's IEP.

Math Foundations: Using the evidence-based Trans Math Intervention Level 2 curriculum, this course focuses on understanding fractions—including adding, subtracting, multiplying, and dividing fractions—working with mixed numbers and decimals, and reviewing whole number operations. Instruction is tailored to each student's instructional level and supports steady growth toward measurable IEP goals aligned with grade-level standards. Students will also use IXL, an evidence-based program, to reinforce understanding and retention of key concepts at their individualized instructional level.

Math Origins: This learning support course uses the evidence-based, ESSA-rated Trans Math Intervention Level 1 curriculum to build foundational skills in addition, subtraction, multiplication, division, factors, primes, composites, common factors, common multiples, and number patterns. Instruction is modified to each student's level and pace to support progress toward measurable annual IEP goals based on grade-level standards. Students will also use IXL, an evidence-based program, to reinforce understanding and retention of key concepts at their individualized instructional level.

Math Synthesis: This course utilizes the evidence-based Trans Math Intervention Level 3 curriculum to develop skills in percents, scientific notation, integers and their operations, variables, inequalities, and operations involving fractions and decimals. Instruction is adapted to meet individual student needs and promotes progress toward measurable annual goals in the IEP, aligned with grade-level standards. Students will also use IXL, an evidence-based program, to reinforce understanding and retention of key concepts at their individualized instructional level.

Math Principles: Students strenghten foundational mathematical skills through explicit instruction, practice, problem solving, and real-world application. Using TransMath Level 1, Units 6-9, students develop skills in fractions and decimals, rations and proportions, percentages, measurement, geometry, and introductory algebraic reasoning. Emphasis is placed on applying mathematical concepts, selecting appropriate problem-solving strategies, and increasing independence with mathematics. The course aligns with the Pennsylvania Academic Standards for Mathematics.

Science Courses

Science Explorations: This life skills science course uses Scholastic Weekly Studies, BrainPOP, and IXL curriculum. This curriculum provides inquiry-based, multisensory learning experiences through hands-on activities, experiments, and text-based content. Lessons are grounded in evidence-based, systematic instruction that introduces skills in small, manageable steps with regular feedback to support diverse learners. Students build core science vocabulary, engage in practical application of concepts, and enhance comprehension through guided reading and discussion. Instruction is tailored to each student's instructional level and pace to promote progress toward measurable annual goals in literacy, written expression, and science understanding. Additionally, IXL is used to reinforce key concepts and support student understanding at their individualized instructional level.

Science Foundations: Based on the McGraw Hill Physical & Earth Science curriculum, this learning support course offers modified instruction aligned with grade-level standards. Students explore key physical and earth science topics at an individualized level and pace, promoting meaningful access and steady progress toward their IEP goals. Students will also use IXL, an evidence-based program, to reinforce understanding and retention of key concepts at their individualized instructional level.

Science Origins: This learning support course is based on the McGraw Hill Life Science curriculum and aligned with grade-level standards. Instruction is modified to each student's instructional level and pace, providing accessible engagement with foundational life science concepts to support progress toward measurable IEP goals. Students will also use IXL, an evidence-based program, to reinforce understanding and retention of key concepts at their individualized instructional level.

Social-Emotional Courses

21st Century Skills: This is a pass/fail course that represents the foundational, lowest tier of our emotional support program, utilizing the Everyday Speech Social & Emotional curriculum and Overcoming Obstacles curriculum to address all core components of social-emotional learning. Students receive developmentally appropriate instruction to build skills in self-awareness, regulation, communication, and relationships. Those needing more intensive support are provided with small group or one-on-one counseling services.

Life 101: This life skills course is a pass/fail course that focuses on transition readiness by developing social-emotional skills and essential abilities needed for adulthood. Using the Everyday Speech curriculum and Overcoming Obstacles curriculum, instruction is tailored to each student's IEP goals to support successful personal, social, and community independence.

Homework Help

Resource Support: This non-graded class provides homework help periods three times per week on Tuesdays through Thursdays from 1:00 - 1:45 PM to support the individual needs outlined in each student's IEP. Students may receive a combination of supports throughout the week, with one resource period assigned per day. Support areas include Autistic Support, Emotional Support, Learning Support, and Life Skills Support, ensuring targeted assistance aligned with each student's goals.

Special Education Course Sequences

To determine the most appropriate Special Education course for the upcoming school year, locate your current placement in the sequence and follow the chart to the right to identify the next recommended course. These sequences outline typical pathways for students receiving specialized instruction in Math, English, Science, and History. Course progressions are individualized and may vary based on each student's IEP, academic performance, and team recommendations. Projected course and level offerings are subject to change depending on student needs and enrollment trends. For additional guidance, please contact your case manager or school counselor.

<table>
<tr><th>Math</th><th>English</th><th>Science</th><th>History</th></tr>
<tr><td>Math Explorations</td><td>English Explorations</td><td>Science Explorations</td><td>Social Studies Explorations</td></tr>
<tr><td>Math Origins</td><td>English Origins</td><td>Science Origins</td><td>History Origins</td></tr>
<tr><td>Math Principles</td><td>English Foundations</td><td rowspan="3">Science Foundations</td><td rowspan="3">History Foundations</td></tr>
<tr><td>Math Foundations</td><td rowspan="2">English Synthesis</td></tr>
<tr><td>Math Synthesis</td></tr>
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