



HHS Programs and Electives

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MUSIC

ART

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Courses available may vary based upon school year

Academic Rigor Levels

Course Level	Standard	Pre-AICE & Honors	College Courses
GPA Scale	Weighted on a 4.0 scale	Weighted on a 5.0 scale	Weighted on a 6.0 scale
Course Description	Meets grade level standard Covers all statewide and districtwide standards	High school level-accelerated pace Increased independent work and complex/deeper topics and concepts Take the same statewide and districtwide final exams as standard courses	<p>Advanced International Certificate of Education (AICE) Cambridge international curriculum is a deeper dive into specific topics. Curriculum is recognized by universities worldwide</p> <p>Exams are based on broad, general understanding of concepts/themes</p> <p>Exams scores are available in August the following school year</p>
			<p><u>Advanced Placement (AP)</u> Curriculum moves at a fast pace, covering CollegeBoard designated curriculum</p> <p>Earn college credit by passing the exam</p> <p>Scores are available in July on your students CollegeBoard account</p>
			<p><u>Dual Enrollment</u> College Courses taken through Valencia, UCF, UF or Orange Technical College Completion of a course starts your college GPA Dual Enrollment programs do not offer a standard way to measure mastery of college-level work</p>

English Language Arts (ELA) Progression

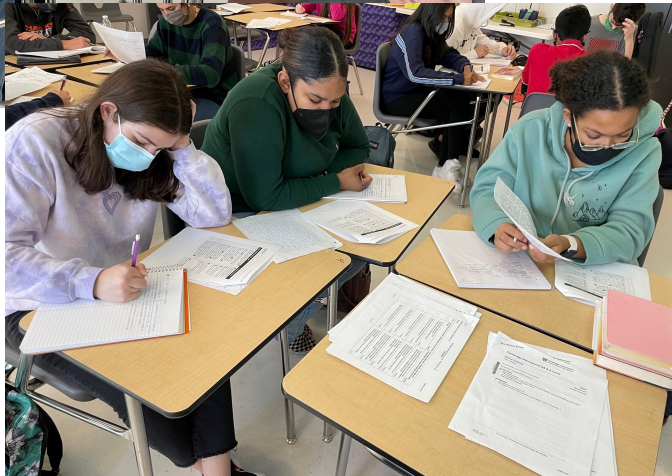
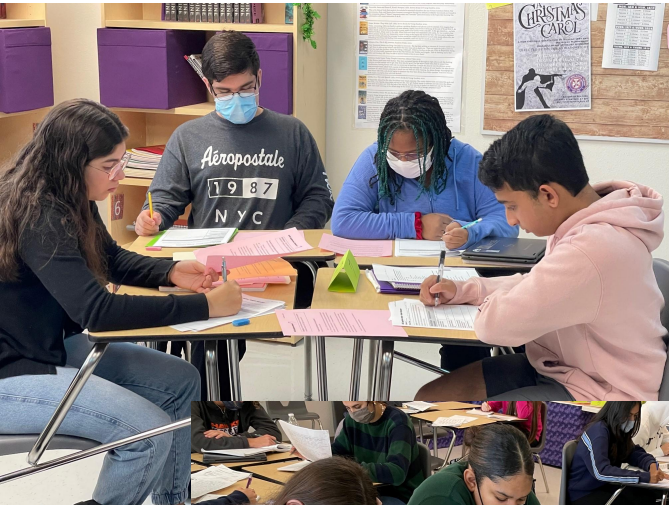
9th	English 1 PreAICE English Language
10th	English 2 PreAICE English Literature
11th	English 3 English 3 Honors <u>AICE English Language AS</u>
12th	English 4 English 4 Honors <u>AICE English Literature AS</u> <u>AP English Literature</u>



AICE English Language



(This course should be taken after PreAICE English Literature, AICE General Paper, & passing the 10th grade FAST ELA State Assessment)



- This course is an advanced rigorous reading and writing course with plenty of discussion
- Juniors and Seniors taking this course should have a strong understanding of the English language to successfully pass the 2 written exams
- The two written exams focus exclusively on the English language and its use in communication
- Together, both exams are over 4 hours long and will require students to write at least 2, 500 words
- Students may receive college credit for a passing score



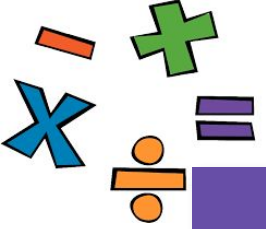
AP Literature and Composition



In ***AP Literature and Composition***, students explore the exciting world of literacy and rhetoric. We engage in reading and writing about fictional novels that engage the brain and allow students to learn the literary elements presented in a story. Students are able to grasp a deeper understanding of why an author does what an author does. This course caters to our advanced readers and creators; ***AP Lit*** is an adventure worth embarking on. **Seniors**, let's advance your educational pursuit!

For more information or questions, please contact Christian.DiMilta@ocps.net





Mathematics Progression

Year 1	Algebra 1 Algebra 1 Honors	<ul style="list-style-type: none">Algebra 1 Honors recommended for students with a 3, 4, or 5 on their prior year math BEST/FSA.
Year 2	Geometry Geometry Honors	<ul style="list-style-type: none">Geometry Honors recommended for students with a 3, 4, or 5 on their Algebra EOC.
Year 3	Algebra 2 Algebra 2 Honors	<ul style="list-style-type: none">Algebra 2 Honors recommended for students with a 3, 4, or 5 on their Geometry EOC.
Year 4+	<u>Math for College Algebra</u> <u>Math for Data and Financial Literacy</u> <u>Probability and Statistics Honors</u> <u>AP Statistics</u> <u>AP Precalculus</u> (should take if going into a STEM field) <u>AP Calculus AB</u> <u>AP Calculus BC</u>	<ul style="list-style-type: none">Students who have earned an A or B in Algebra 2 Honors are recommended to continue to AP Precalculus. Successful completion of AP Precalculus required before AP Calculus AB or BC.Prob & Statistics Honors recommended prior to AP StatsAll seniors who have not earned a concordant score for the Algebra EOC graduation requirement will be scheduled in Math for College Algebra.

* Students may enter 9th grade at higher math levels and will follow the pathway to complete one math course per year through 12th grade. Students are required to take a math class each year.

* Students scheduled in Algebra 1 and scored a level 1 on their prior math assessment will concurrently be scheduled in Fundamental Math.

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Math for College Algebra

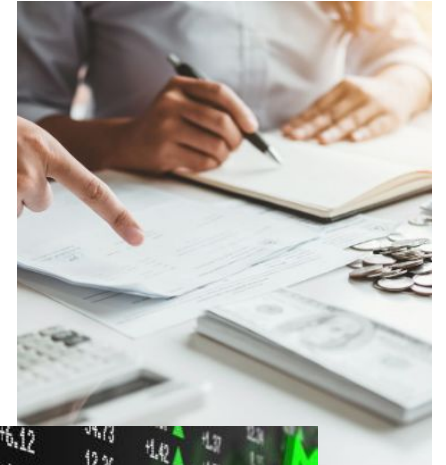
In Math for College Algebra course, students will

- Develop fluency with the Laws of Exponents
- Extend algebraic expressions including rational and polynomial expressions
- Solve one variable exponential, logarithmic, radical, and rational equations in real-world situations
- Model and apply linear, quadratic, absolute value, exponential, logarithmic, and piecewise functions
- Extend knowledge of functions to include inverse and composition



Math for Data & Financial Literacy

- This class could also be called Adulting 101. Come learn how math and money work in the real world. From banking and investments to pay stubs and tax returns, we use algebra understand how the financial industry uses money.





Probability & Statistics Honors

If you take Prob & Stats you will.. become an informed user of data - who can judge the validity of the claims on each side of an issue including: politics, medical issues, consumer marketing and research... you will be able to find the truth!

Topics We Cover:

- Data Collection & Sampling
- Probability
- Predicting Events
- Interpreting Descriptive Statistics
- Understanding Distributions
- Testing Hypotheses
- Interpreting Relationships

Fun Stuff We Investigate:

- How Many Rubber Bands Does Barbie Need to Safely Bungee from the Balcony? (Regression)
- Long Putters vs Short Putters (Experimental Design)
- Taco Tongue vs Evil Eyebrow (Probability)
- How Much do Skittles Really Weigh? (Sampling Distribution)

AP Statistics

Learn HOW to Drive the Data....
Don't Let the Data Drive YOU!



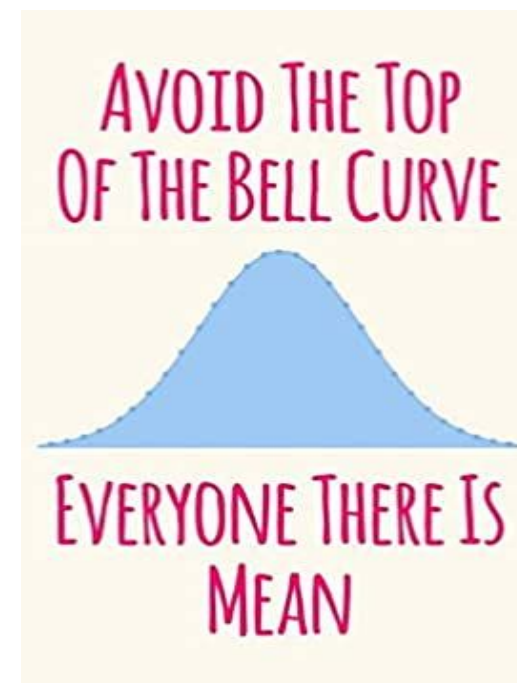
What is AP Statistics? A college level introductory course in statistics. You'll learn how to collect, organize, analyze, and interpret data.

College & Stats? The majority of college majors require at least Introductory Statistics - do it NOW to get the credit!

Who Can Take AP Stats? Completion of Prob and Stats Honors is recommended, but not required. Students must have completed Algebra II Honors.

Why should I take it? Statistics is the most widely applicable branch of mathematics. It is used by more people than any other kind of math. It's the most "real-world" math class you can take.

Do you have to be a top rate mathematician? No. You do need a strong background (usually A's, possibly B's) in Algebra II. You do need to be a good reader though! Some students are surprised by the amount of reading & writing in a math class!



Questions? Contact shannon.rains@ocps.net

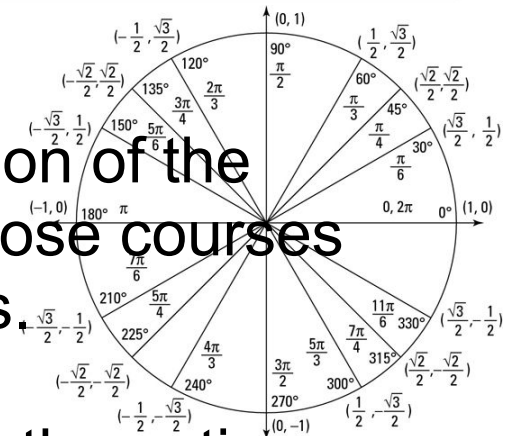
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AP Precalculus

(This course is taken after Algebra 2 or Algebra 2 Honors)

- This course is designed as the next step after successful completion of the Algebra/Geometry series. It builds on the concepts mastered in those courses in preparation for Calculus or other first year college math courses.
- Students intending to pursue Science-Technology-Engineering-Mathematics (STEM) degree programs in college should be taking Precalculus as their 4th math credit and then continue onto AP Calculus AB/BC.
- Be aware, it is a fast-paced course designed to be both challenging and demanding but students who choose this course end up being much better prepared for what they will be asked to do in upper-level and college level courses.



AP Calculus AB



(This course is taken after AP Precalculus)

- Advanced Placement Calculus AB covers the first semester of college calculus.
- This course focuses on the mathematics of change and asks students to develop a complex understanding of the rate of change or total amount of change of a given function.
- It is a course designed by The College Board and is intended to be both challenging and demanding.
- The major topics of this course are limits, derivatives and their applications, and integrals and their applications.
- At the end of the year students will have the opportunity to take the AP Calculus AB exam in order to receive credit for college.



AP Calculus BC

- AP Calculus BC covers the first and second semesters of college calculus.
- The major topics of this course are limits, derivatives and their applications, integrals and their applications, sequences and series, and parametric, vector and polar functions.
- At the end of the year students will take the AP Calculus BC exam and will have an opportunity to receive college credit based on their performance.
- Students typically take this course after AP Calculus AB.
- Very advanced Precalculus or AICE Math students can skip AP Calculus AB with permission from their math teachers (a summer assignment will be required for students skipping AB).

Science Progression

9th	<u>Environmental Science</u> <u>Biology Honors</u>	<ul style="list-style-type: none">• Biology honors is recommended for students with a 3, 4, or 5 on their FSA ELA.
10th	<u>Biology or Biology Honors</u> <u>Chemistry or Chemistry Honors</u> Any science course if Biology is completed (Chemistry is recommended after Biology)	<p>Other Science Courses:</p> <ul style="list-style-type: none">• Chemistry/Chemistry Honors Chemistry is required before any AICE or AP level course, except Physics.• Anatomy and Physiology Honors• Forensic Science• Marine Science/Marine Science Honors• AICE Marine Science• AICE Environmental Science• AP Biology• AP Chemistry (prereq. Chemistry honors)• Physics Honors• AP Physics 1• AP Physics 2• AP Physics C: Mechanical• AP Physics C: Electricity & Magnetism
11th	Any science course	
12th	Any science course	



Environmental Science/ Honors

Environmental science is the study of how living and nonliving things interact in our world - such as how animals (including humans) interact with each other, the Earth and its resources and weather. It is also a study of processes, both natural and man-made that affect the planet.

Topics covered include:

- *Biomes*
- *Ecosystem Interactions*
- *Human Populations*
- *Environmental Policy Making*
- *Biogeochemical Cycles*
- *Renewable/Non-renewable Resources*
- *Land Use*
- *Anthropogenic Changes*
- *Climate Change*
- *Biotechnology*

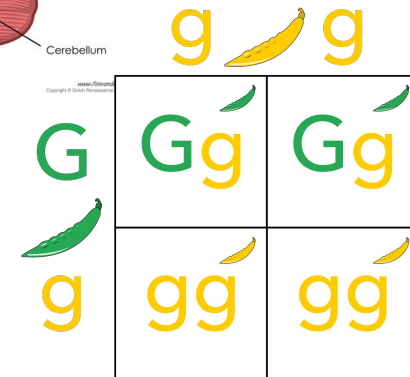
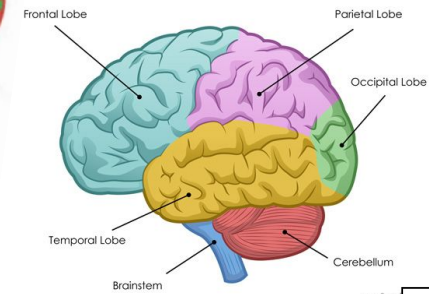
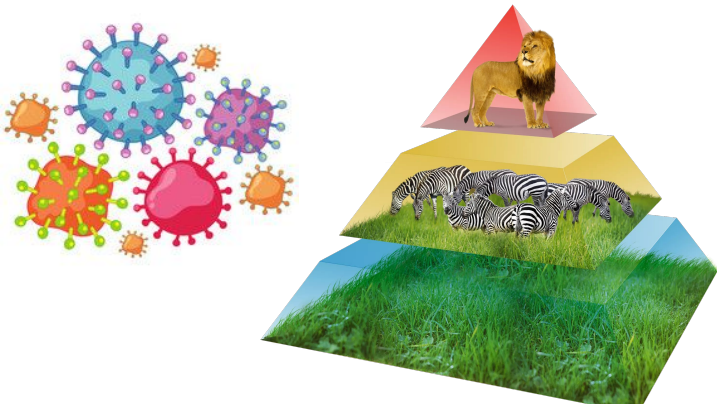
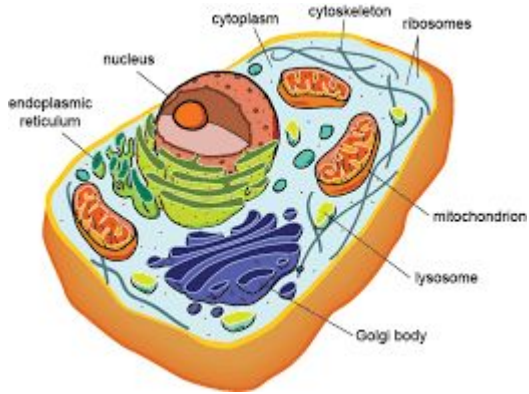




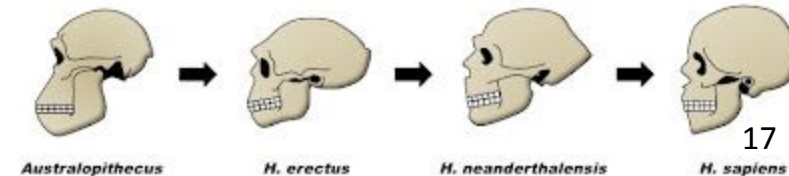
Biology Honors and Biology

Biology is required for graduation. There is a state EOC at the end of the year. Topics covered include:

- **Biochemistry**
- **Cell Theory & Structure**
- **Cellular Energy**
- **Plants Structure**
- **Cellular reproduction**
- **DNA Replication/ Protein Synthesis**
- **Cancer/ Genetics/ Biotechnology**
- **Natural Selection/ Classification**
- **Ecology/ Environmental Impact**
- **Human Body**



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Chemistry Honors and Chemistry

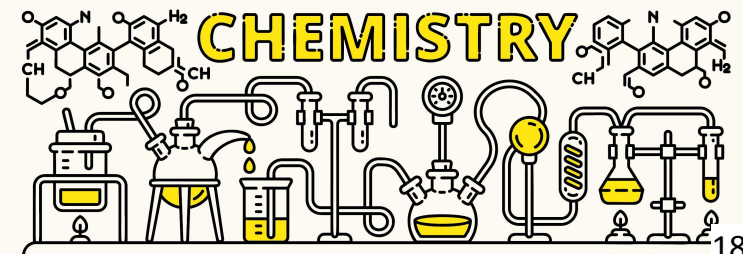
Learn about all things dealing with matter.

Additional science credit



Topics include:

- Unit conversions and measurement
- States of matter
- Structure of the atom
- Bonding and molecular structure
- Formulas and names of compounds
- Chemical calculations
- Gas Laws
- Solutions

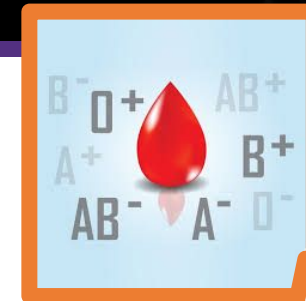


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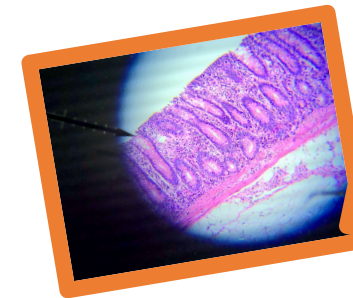
Anatomy & Physiology Honors



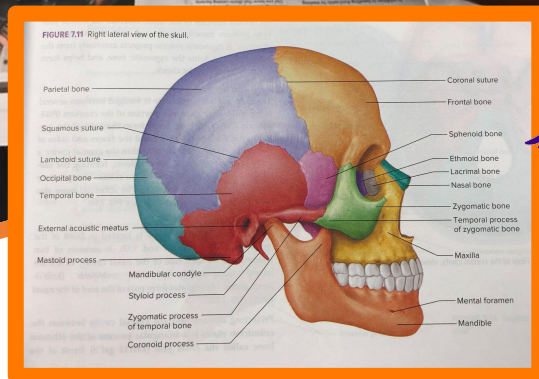
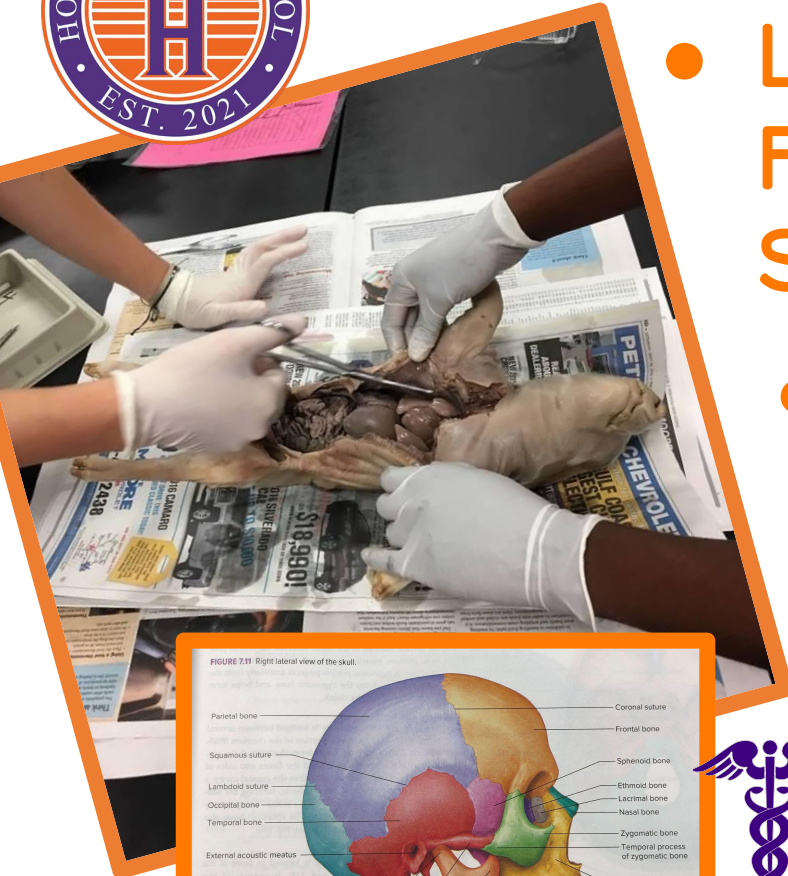
- Learn Structures and Functions of Major Body Systems



- Dissect Fetal Pigs, Pig Hearts, Pig Kidneys, etc

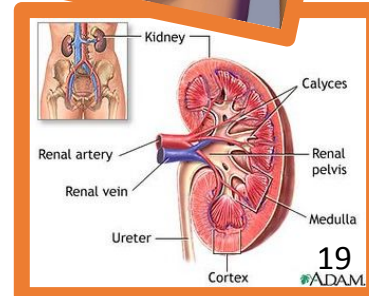


- Use Microscopes



- Excellent course for anyone interested in medicine or the BioMedical program
- Prerequisite: Biology

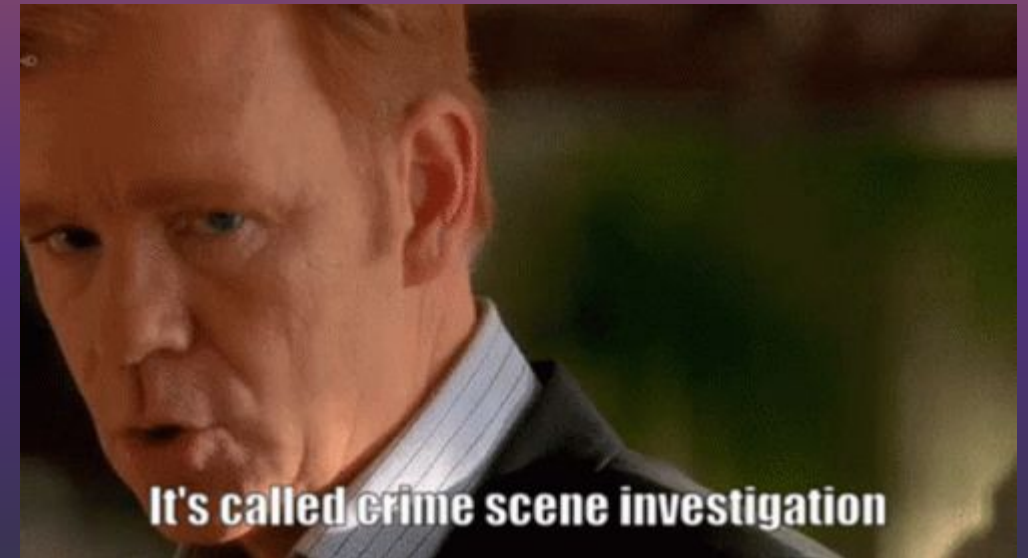
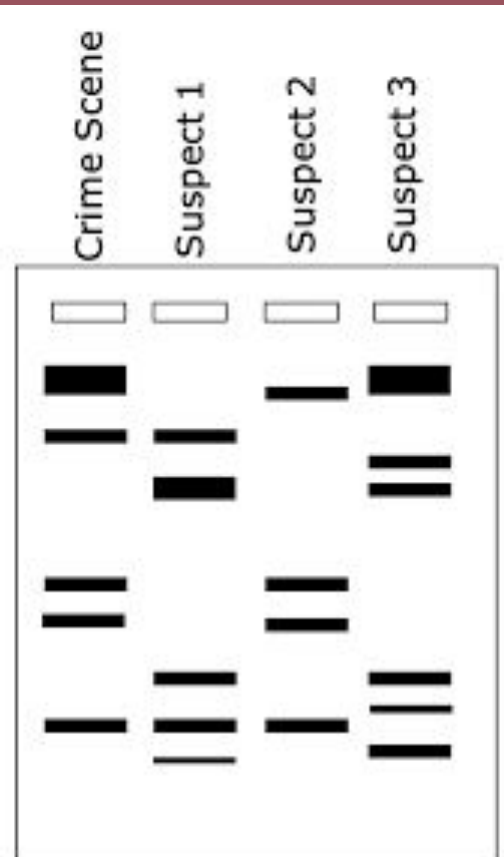
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Forensic Science



- Learn the real world methods that are deployed to solve crime and catch criminals.
- Topics discussed:
 - Crime Scene investigations
 - Fingerprinting
 - Hair/Fiber analysis
 - DNA Analysis
 - Toxicology
 - Blood splatter



MARINE SCIENCE HONORS



The goal of this course is to provide students with a coherent and stimulating introduction to the science of the marine environment to include the scientific study of the sea, its ecosystems and how humans impact them.



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Questions:
tanneka.balduf@ocps.net



AICE Environmental Management

Humans: mess with climate

Climate: messes with humans

Humans:



- *Teacher: Ms. Marty*
- *Advanced Environmental Science Course*
- *College credit can be awarded*
- *Must have completed Biology and strongly encourage Chemistry*

Topics covered include:

- *Sustainability*
- *Interactions*
- *Pressure on the Environment*
- *Global Dimensions*
- *Managing Biodiversity*
- *Research Methodology*



AICE MARINE SCIENCE



The goal of this course is to provide students with a coherent and stimulating introduction to the science of the marine environment to include the scientific study of the sea, its ecosystems and how humans impact them. The AICE Marine Science course is designed by Cambridge University and is intended to be both challenging and demanding and acts as a college level course in which students will earn college credits. Chemistry is a recommended prerequisite for this course.



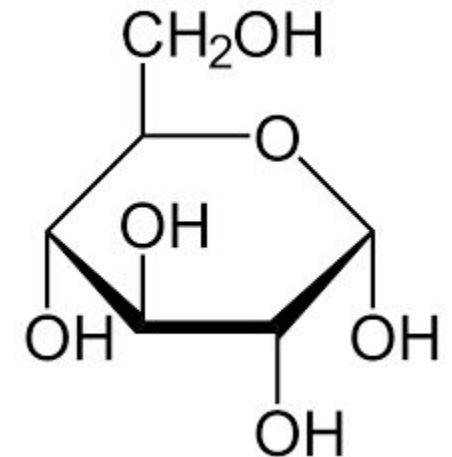
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Questions:
taneka.balduf@ocps.net



AP Biology

- Advanced Biology Course
- Can replace biology in college
- Lab focused exploration
- Must have completed biology
- Chemistry experience **STRONGLY** recommended
- Email jesse.jecusco@ocps.net with questions.





AP Chemistry

- Advanced Chemistry Course
- Lab focused
- Develops critical thinking skills and analyzation techniques to solve real world problems
- Can replace General Chemistry Course in college
- Honors Chemistry completion and solid background in Algebra **STRONGLY** recommended





Honors Physics

Honors Physics is a great class to take if you are looking for an EXTREMELY hands-on based course. We learn about the following:

- Forces and Motion
- Energy and Momentum
- Electrostatics and Electric Circuits
- Waves, Sound(Music), and Optics

Participate in our popular annual field trip to Busch Gardens, Tampa.

Prerequisite: Completed geometry and concurrent in algebra II or higher math.



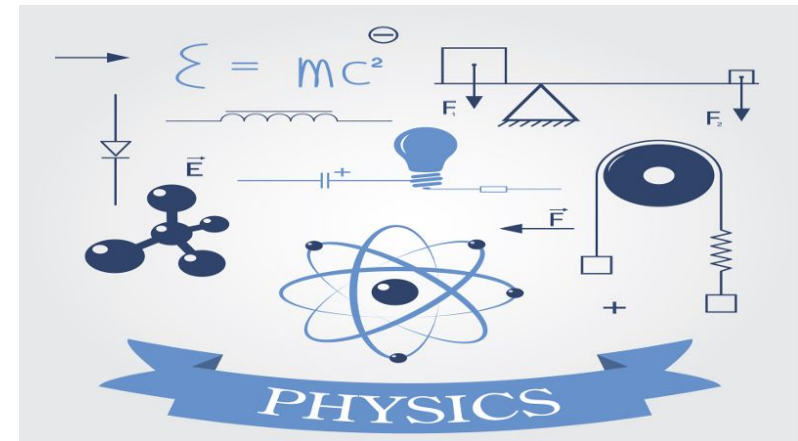
Questions: kenneth.bowles@ocps.net



AP Physics 1 & 2

AP Physics 1 & 2 are “lab based” courses that uses algebra and trig and studies the following:

- Forces and Motion- AP1/2
- Energy & Momentum - AP1
- Rotation and Oscillations - AP1
- Fluid Mechanics and Thermodynamics - AP2
- Electricity and Circuits - AP2
- Waves and Optics - AP2



Students should be concurrent in Pre-Calculus or Higher Math

College credit that is earned can be applied towards degrees focusing on Pre-med and Engineering,

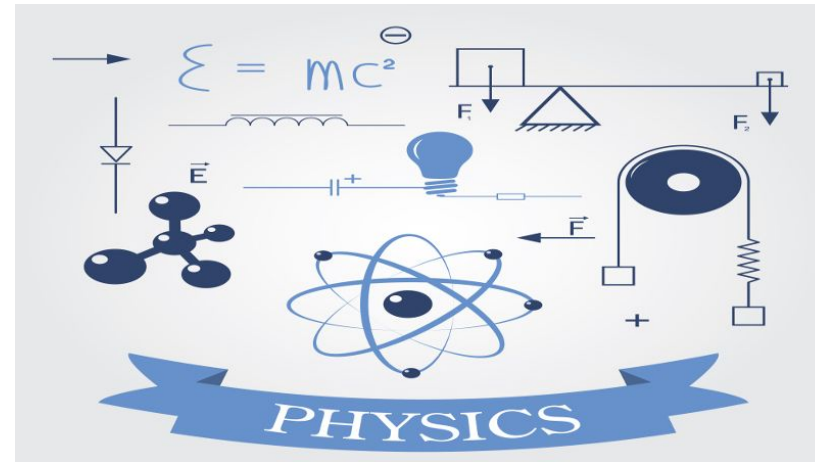
Questions: kenneth.bowles@ocps.net



AP Physics C: Mechanics

AP Physics C: Mechanics is a “lab based” course that uses **CALCULUS** and studies the following:

- HOW things move (Motion)
- WHY things move (Forces)
- Energy & Momentum
- Gravitation
- Harmonic Motion
- Rotational Motion



Students must be concurrent in AP Calculus AB or BC

College credit that is earned can be applied towards degrees focusing on Pre-med and Engineering,

Questions: kenneth.bowles@ocps.net

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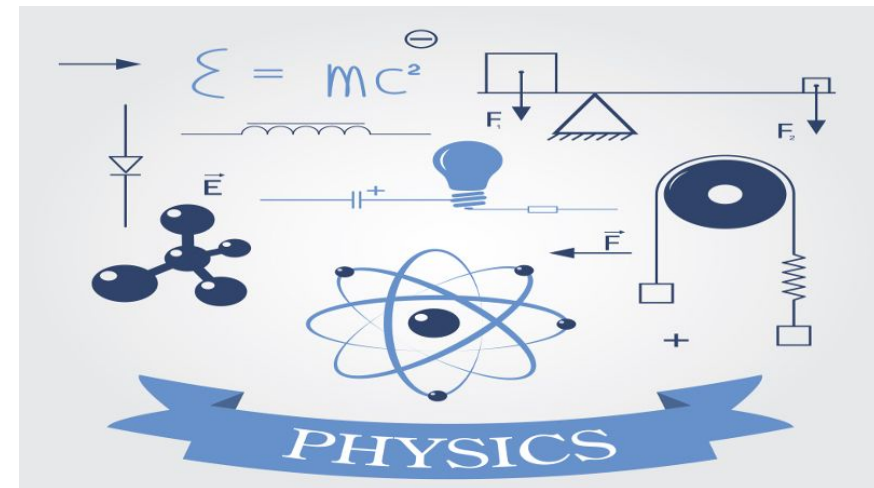


AP Physics C: Electricity & Magnetism

AP Physics C: E&M is a “lab based” course that uses **CALCULUS** and studies the following:

- Electrostatics
- Electric Circuits
- Magnetism

Students **must** have completed AP Calc AB and be concurrent in AP Calc BC.



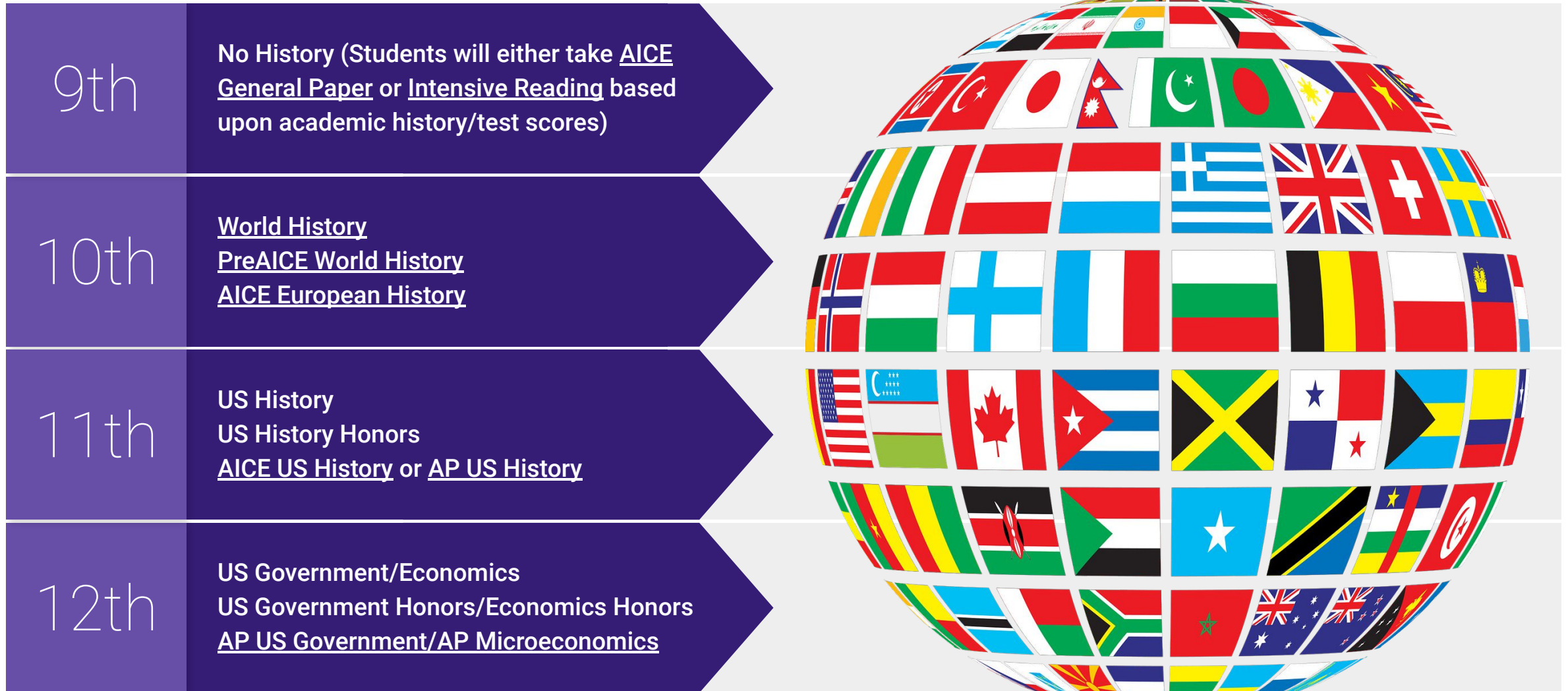
Note: Students can take BOTH Mechanics and E&M in the same year

College credit that is earned can be applied towards degrees focusing on Pre-med and Engineering,

Questions: kenneth.bowles@ocps.net

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Social Studies Progression



Comprehensive Law Honors



- Learn about the Legal Profession from teachers who have graduated from law school
 - Torts
 - Criminal
 - Property
 - Contract
 - ETC.
- Guest Speakers in the legal field
- Virtual tour of supreme court



World History PreAICE World History (equiv. to World History Honors)



Course Content
Ancient Civilization/World Religion
Byzantine Civilization
The Middle Ages (Medieval Europe)
Muslim Civilizations
Kingdoms of Medieval Africa
Renaissance, Reformation, and The
Scientific Revolution

Pre-Columbian America & Age of
Exploration
Enlightenment & Revolutions
The Industrial Revolution
Imperialism and Nationalism
World War I & Russian Revolution
Nationalism and Revolution Around the
World
The Rise of Totalitarianism
World War II, Cold War
Independence, Nationalism, and conflict
in the Developing World
Contemporary Global Issues

Review Topic 1 Review Topic 2 Review Topic 3 Review Topic 4 Review Topic 5

WORLD HISTORY
100% Match 2020-2021 | Season 2

It's time to prepare by reviewing this week. We will use a series of methods to review. Use the tabs above to navigate and refresh from the school year.

Things we will be reviewing this week

Day 1 Religions
3 Major Religions

The Byzantine Empire
EOC Review Day #2

EOC REVIEW DAY 2 - THE BYZANTINE
EMPIRE MINI-QUIZ

REVIEW
Start

ESCAPE ROOM EDU

**WORLD
WAR I**

Digital Link: <http://bit.ly/2IkHptH>



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AICE European History

AICE European History is an in depth study of:

- The French Revolution (1774-1815)
 - + The rise and fall of Napoleon
- The British Industrial Revolution (1750-1850)
 - + Inventions & life during times of rapid industrialization
- German Nationalism & Unification (1815-1870)
 - + The influence of Bismarck
- The Russian Revolution (1894-1921)
 - + The saga of the Romanovs

This is a reading and writing intensive class but... you can earn college credit with a passing score on the AICE Exam

Any questions stop by room 5-312 or email: patrick.anderson@ocps.net



AICE US History



- Students receive college credit for a passing score
- AICE US History is an in depth study of:
 - The Origins of the Civil War 1820-1861
 - The Civil War and Reconstruction 1861-1877
 - The Gilded Age and The Progressive Era 1870's-1920
 - The Great Crash, Great Depression and New Deal Policies 1920-1941



For questions please see Dr. Bullman in 6-206 or email april.bullman@ocps.net

AP US History



Defining the Course Periods

Period	Title	Date Range	Exam Weight
1	Early Contacts Among Groups in North America	1491-1607	5%
2	North American Societies in the Context of the Atlantic World	1607-1754	
3	Birth of a New Nation and Struggle for Identity	1754-1800	45%
4	Growing Pains of the New Republic	1800-1848	
5	Expansion, Regional Separation, the Civil War and Its Aftermath	1844-1877	
6	Industrialization, Urbanization, and Cultural Transformation	1865-1914	
7	Domestic and Global Challenges and the Creation of Mass Culture	1890-1945	45%
8	Increasing Prosperity and Global Responsibility After World War II	1945-1989	
9	Globalization and Redefining National Identity	1980-Today	5%

- Students receive college credit for a passing score.

- What you will learn?

I WANT YOU



for **A.P.U.S.H.**
ENROLL NOW

World Languages



Courses Offered:

-American Sign Language Levels 1-4

-PreAICE French Levels 1-3

-AICE French Language

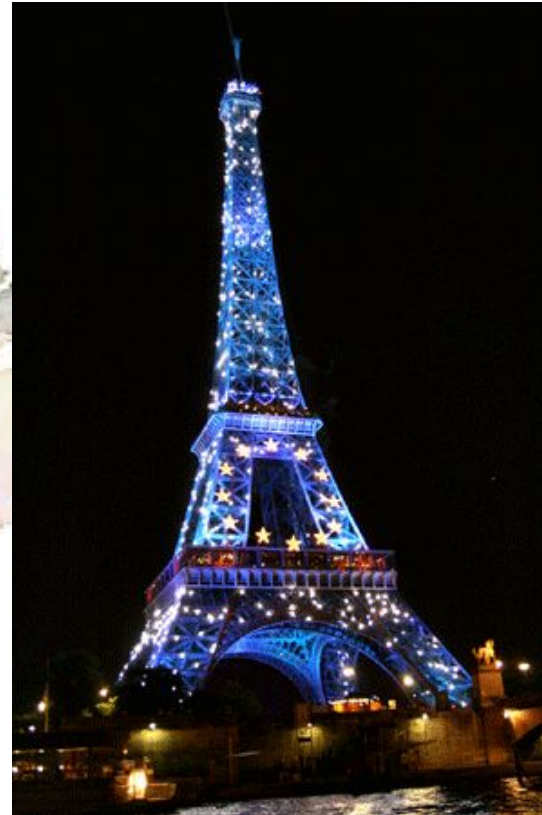
-Portuguese 1, 2

-AICE Portuguese

-Spanish Levels 1-4

-AICE AS Spanish Language

-AICE A Level Spanish Language and Literature





World Languages: Florida Seal of Biliteracy



Florida Seal of Biliteracy: Students who take four years of the same World Language, maintain a 3.0 GPA in those courses, and earn passing scores on their ELA FSA are eligible to receive a Gold or Silver Seal of Biliteracy upon Graduation! Students can also earn a seal by achieving passing scores on their ELA state test and the AICE Spanish or French test. For more information, visit: [The Seal of Biliteracy](#)



Pre-AICE French

Course description:

Pre- Aice French 1, students will experience an introduction to the French language and its rich cultural, developing skills in listening, speaking, reading, writing, and cultural awareness.

Pre- Aice French 2: Students will continue to develop skills in listening, speaking, reading, writing, and cultural awareness through a series of interactive lessons.

Pre-Aice French 3: Students will continue to develop intermediate skills in listening, speaking, reading, writing. Presentational communication will become a primary focus of the course.



AICE French

Course description:

Students will continue to develop advanced skills in listening, speaking, reading, writing, and cultural awareness through a series of interactive lessons. Emphasis on French phonetics and orthography will continue, and presentational communication, as well as comprehensive preparation for the AICE exam will be the course's primary focus.



AICE AS SPANISH LANGUAGE

- **Course information:**
 - Students will continue to develop listening, reading, writing, and speaking skills through the use of authentic Spanish language media. AICE language students will also strengthen their academic vocabulary and essay writing skills, as well as their knowledge of Spanish-speaking cultures. The class is taught entirely in Spanish.
- **AICE Exam:** The AICE exam includes 4 sections: reading comprehension, listening comprehension, writing, and speaking.
- **Placement Suggestion for Non-Native Spanish Speakers:**
 - Non-native Spanish speakers who earn an A or a strong B in Spanish 3 Honors should consider enrolling in AICE AS Spanish Language the following year. Other students may wish to consider taking Spanish 4 Honors in order to further develop their language skills before proceeding to AICE Spanish.
- **Questions?** Write to erin.laureano@ocps.net or stop by 4-309



AICE A LEVEL SPANISH LANGUAGE & LITERATURE

- **Course Information:** This course continues to develop the skills acquired in AICE AS Spanish Language and introduces students to key works in Spanish and Latin American literature. Students will read a novella, a play, selected short stories, and related informational texts.
- **Authors** studied in 2023-2024 will include Gabriel García Márquez, Federico García Lorca, Rosario Ferré, Emilia Pardo Bazán, and others.
- **The AICE exam** includes 3 papers: reading comprehension, argumentative and descriptive essays, and literary analysis.
- **Questions?** Write to erin.laureano@ocps.net or stop by 4-309.



OCPS CAREER & TECHNICAL EDUCATION



- [Agri-Science Foundations](#)
 - [Animal Science](#)
 - [Horticulture Science](#)
- [Business Entrepreneurship](#)
- [Computer Science & Programming](#)
- [Culinary Arts- Fundamental Food Service Skills](#)
- [Digital Media](#)
- [Digital Video Technology \(TV/Film Production\)](#)
- [Hospitality & Tourism](#)
- [PLTW Biomedical Honors](#)
- [PLTW Engineering](#)
- [Sport, Rec & Entertainment Marketing - NEW](#)
- [OJT](#)



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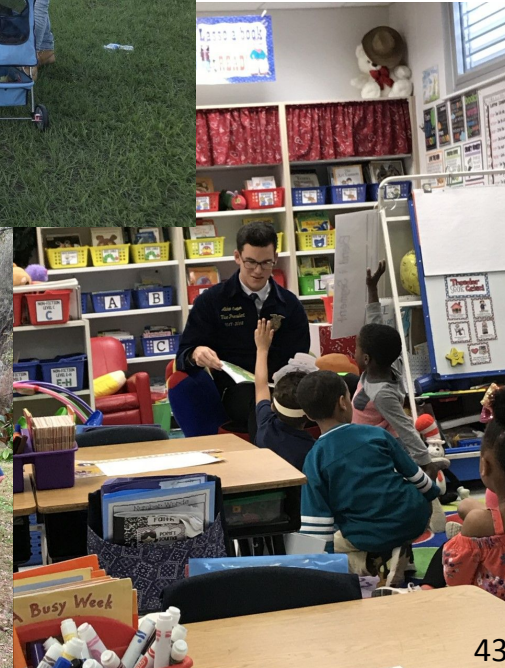




Agri-Science Foundations & Animal Science

Students Will:

- Have hands on experiences with plants, animals, environmental, and food sciences applying Core Content Skills.
- Students will build experiences using agriculture to help them with their future careers and skill set.
- Students will develop leadership skills, and communication skills to prepare them for the future.
- CTSO: FFA





Agri-Science Foundations & Horticulture Science

Students Will:

- Be FNGLA certified (Florida Nursery Growers and Landscape certified.)
- Build relationships with industry partners
- Develop business skills on how to grow and manage plants
- Apply science and core skills through plant science.
- CTSO: FFA

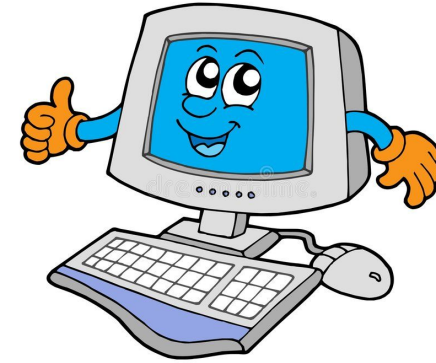




Business Management & Analysis

- Introduction to business organization, management, and entrepreneurial principles
- Learn about the various aspects of business ownership, management, and creating a business plan
- Other key elements include Marketing, Sales, Production, and Operations
- Opportunity to earn the ESB Industry Certification





Intro to Computer Programming - Advanced Information Technology (AIT)

What is it?

This course will be a **basic overview** of current business and information systems and their trends, including exploration of computers **networks**, emergent **technology**, **hardware/software**, **web development**, and the **benefits and risks of using computers** both locally and globally.

Who should take AIT?

- Anyone can sign up!
- No experience required.
- Those on the **Computer Science CTE Pathway** will start with this course.
- Those interested in learning the basics of web development.

HTML



CSS



Big Ideas

1. **Hardware/Software** (peripherals, CPU, data storage, operating systems)
2. **Computer Systems & Networks** (internet, fault tolerance, servers vs clients)
3. **Emerging Technologies** (wireless networks, satellite tech, nanotech, peer-to-peer)
4. **Web Development** (HTML, CSS, W3C Validation)





Fundamental Food Service Skills (Culinary Arts)



Kick start your future
culinary career

Industry Certification

Commercial kitchen

Hands on learning

Competitions!!





Digital Media

- Multiple-year academy program that prepares students for careers as graphic designers
- Students will work to become Adobe Certified Professionals in Visual Design through the use of:
 - Adobe Photoshop (Year 1)
 - Adobe Illustrator (Year 2)
 - Adobe InDesign (Year 3)
- This is a very hands-on program that requires heavy reading!

Contact david.weigle@ocps.net





Digital Video Technology (TV/Film Production)

HAWK NEWS
 THE MORNING FLIGHT
 For more information:
 Patrick Tyler: patrick.tyler@ocps.net

OCPS CAREER & TECHNICAL EDUCATION



Includes all aspects of Pre-Production, Production, & Post-Production including:

- Digital Video/Film Fundamentals
- Video Editing
- News gathering and Field production
- Lighting
- Control room operation
- Scriptwriting
- Audio recording

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Academy of Hospitality & Tourism

- 4 year hands on academy program in which students prepare for careers in the Hospitality & Tourism industry
 - **Introduction to Hospitality & Tourism:** (Year 1) An introduction to the industry
 - **Hospitality & Tourism Marketing** (Year 2): How to market a Hospitality related business
 - **Hospitality & Tourism Entrepreneurship** (Year 3): Advanced managerial skills necessary to run a hospitality-related business
 - **Hospitality Internship** (Year 4): Working in the industry
- Students will have real world experiences such as **Field Trips, Guest Speakers and Competitions!**

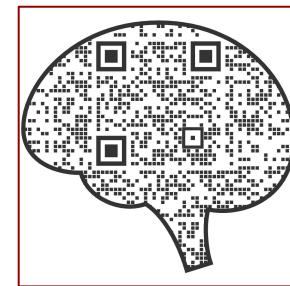
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Biomedical Science - Honors

PLTW Biomedical
YouTube Video



Graig.Smith@ocps.net

Melissa.Brisbin@ocps.net



ORLANDO
HEALTH®

Project Lead the Way Biomedical Sciences are Honors Level Electives, that empowers students to build knowledge of high-level biology, medical concepts, and be exposed to multiple medical career pathways.

These are very hands-on Honors Level courses that are centered around problem solving, projects with presentations, creative and critical thinking, and communication/collaboration in group work.

\$20 Lab Cost per course

See more of what we do by following us on Social Media!

Facebook: HHSPLTWBMS Instagram: hhs_pltw_biomedical



Principles of Biomedical Science (Year 1) - Students explore Medical Testing, Infectious Diseases, Emergency Care, Diabetes and solve a case using a crime scene on campus! *(Enrolled/Completed Pre-AICE Biology Required)*

Human Body Systems (Year 2) - Students learn about the structure, function, and dysfunction in various body systems. They explore this applied anatomy and physiology through experiments, dissections and patient cases!

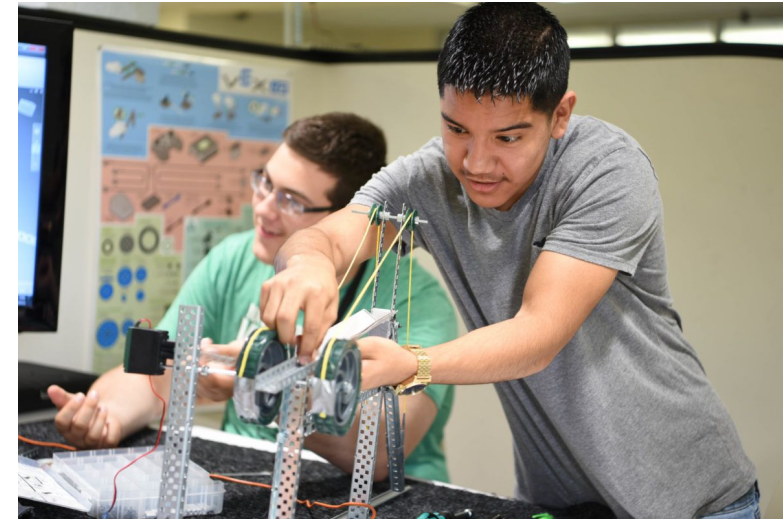
Medical Interventions (Year 3) - Topics related to immunology, surgery, genetics, pharmacology, medical devices, diagnostics and more!

Biomedical Innovation (Year 4) - Student driven topics ranging from public health, clinical medicine and physiology! *Orlando Health Volunteer Partnership*

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- Introduction to Engineering Design (Year 1)
(3D Cad Modeling)
- Principles of Engineering (Year 2)
(The Physics of all Engineering)
- Civil and Architectural Engineering (Year 3)
(Statics and Structures)
- Aerospace Engineering (Year 4)



PLTW is a weighted elective that is very HANDS-ON and academic. You have the possibility to earn industry certifications in Design and Engineering

Students can earn an industry certification in Pre-Engineering with 3 “Accomplished” scores on PLTW end-of-course exams.

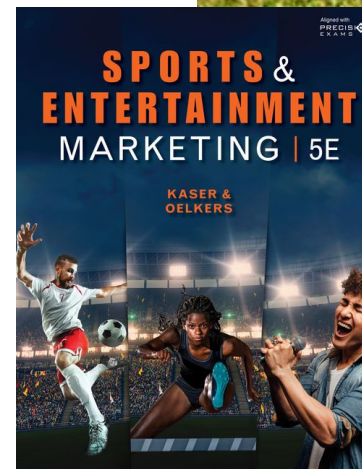


Questions: kenneth.bowles@ocps.net or Joshua.Loebenberg@ocps.net



Sport, Recreation and Entertainment Marketing

- Marketing Fundamentals
- Social Media Channel Management
- Entrepreneurship
- Technology's role
- Public Relations
- Event Planning
- Career Development





Cooperative Education / OJT

- Allows students to take periods off-campus to earn course credit for work hours
- Responsibilities:
 - Submitting weekly reports of hours worked
 - Quarterly site visit by OJT Coordinator
 - Quarterly evaluations completed by employer (90% of grade)

Available only to students in upper levels of Agriscience, Hospitality & Tourism, and Business programs

Contact david.weigle@ocps.net

Performing and Fine Arts

ART

- [Ceramics/Pottery 1, 2 and 3](#)
- [AP Art 3D Studio](#)
- [Drawing](#)
- [Painting](#)
- [Fine Studio Crafts](#)
- [AP 2-D Art & Design](#)
- [AP Art History](#)

THEATRE & CINEMA

- [Theatre, Musical Theatre, Technical Theatre](#)
- [Cinema, and Film Production](#)

MUSIC

- [Band, Marching/Concert Band](#)
 - [Beginning Band](#)
- [Band, Jazz Band](#)
- [VOCAL MUSIC \(Chorus\)](#)
- [PIANO/KEYBOARD](#)
- [Guitar](#)
- [Orchestra](#)
- [Music Theory](#)
- [AP Music Theory](#)
- [Eurhythmics](#)



BAND - STUDENTS WITH PRIOR EXPERIENCE



- **ALL STUDENTS WITH PRIOR EXPERIENCE PARTICIPATE IN A CONCERT BAND CLASS:**
 - **WOODWIND/BRASS (CONCERT BAND) - OR - PERCUSSION CLASS**
- **ALL STUDENTS PARTICIPATE IN MARCHING BAND**
 - **MARCHING BAND IS REQUIRED FOR HIGH SCHOOL BAND STUDENTS.**
- **MARCHING BAND PERFORMS AT FOOTBALL GAMES AND IN THE COMMUNITY.**
- **MARCHING BAND PRACTICES TWICE A WEEK AFTER SCHOOL THROUGH THE FALL.**
 - **MARCHING BAND IS MADE UP OF WOODWINDS, BRASS, PERCUSSION, AND COLOR GUARD.**
- **THROUGHOUT THE YEAR, STUDENTS PERFORM IN CONCERTS INCLUDING A WINTER CONCERT, SPRING CONCERT, MPA'S, AND SOLO AND ENSEMBLE.**

QUESTIONS ABOUT BAND? CONTACT BAND DIRECTOR MS. CANNON: CHARLENE.CANNON@OCPS.NET

WWW.HORIZONHSBAND.NET

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BAND - STUDENTS WITH *NO* PRIOR EXPERIENCE



- STUDENTS WITHOUT PRIOR EXPERIENCE CAN JOIN BEGINNING BAND.
- BEGINNING BAND STUDENTS CAN LEARN TO PLAY:
 - FLUTE, CLARINET, SAXOPHONE
 - TRUMPET, FRENCH HORN, TROMBONE, EUPHONIUM, TUBA
 - PERCUSSION
- BEGINNING BAND STUDENTS WILL PARTICIPATE IN PERFORMANCE OPPORTUNITIES INCLUDING FOOTBALL GAMES, CONCERTS, AND SOLO AND ENSEMBLE.

QUESTIONS ABOUT BAND? CONTACT BAND DIRECTOR MS. CANNON: CHARLENE.CANNON@OCPS.NET

WWW.HORIZONHSBAND.NET

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JAZZ BAND



- **STUDENTS MUST HAVE PRIOR EXPERIENCE TO PARTICIPATE IN JAZZ BAND.**
- **JAZZ BAND IS OPEN TO ALL INSTRUMENTS, AND ENCOURAGED SPECIFICALLY FOR:**
 - **SAXOPHONES, TRUMPETS, TROMBONES**
 - **PERCUSSION**
 - **PIANO, BASS, GUITAR**
- **STUDENTS TAKE JAZZ BAND IN ADDITION TO ANOTHER BAND CLASS.***
 - **THIS MEANS THAT YOU WOULD BE IN TWO BAND CLASSES IF YOU TAKE JAZZ BAND (YOUR REGULAR BAND CLASS, AND JAZZ BAND CLASS).**
 - ***STUDENTS WHO PLAY PIANO, BASS, OR GUITAR MAY AUDITION FOR JAZZ BAND, AND PARTICIPATE WITH APPROVAL AS LONG AS THEY ARE ALSO IN AN ORCHESTRA OR PIANO CLASS, SOME EXCEPTIONS MAY APPLY AND WILL BE HANDLED ON A CASE-BY-CASE BASIS.**

QUESTIONS ABOUT BAND? CONTACT BAND DIRECTOR MS. CANNON: CHARLENE.CANNON@OCPS.NET

WWW.HORIZONHSBAND.NET

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COLOR GUARD/WINTER GUARD - EURHYTHMICS



- STUDENTS WITH OR WITHOUT COLOR GUARD OR DANCE EXPERIENCE MAY PARTICIPATE IN COLOR GUARD.
- COLOR GUARD PERFORMS WITH MARCHING BAND IN THE FALL.
- IN THE SPRING, STUDENTS PARTICIPATE IN WINTER GUARD, WHICH IS INDOOR COLOR GUARD.
- STUDENTS LEARN DANCE FUNDAMENTALS AND HOW TO SPIN/TOSS EQUIPMENT LIKE FLAGS, SABRES, AND RIFLES.
- COLOR GUARD REQUIRES AFTER SCHOOL REHEARSALS IN THE FALL (WITH MARCHING BAND) AND SPRING (WITH WINTER GUARD).
- JOIN THE FAMILY! COLOR GUARD STUDENTS ARE A TIGHT-KNIT GROUP AND AN ESSENTIAL PART OF OUR BAND PROGRAM.

QUESTIONS ABOUT BAND OR COLOR GUARD? EMAIL US BOTH!

CONTACT BAND DIRECTOR MS. CANNON: CHARLENE.CANNON@OCPS.NET

CONTACT COLOR GUARD DIRECTOR: KASSIDY.GARCIA@OCPS.NET

WWW.HORIZONHSBAND.NET

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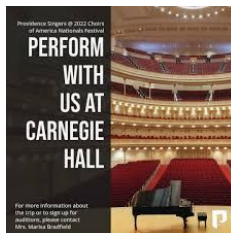
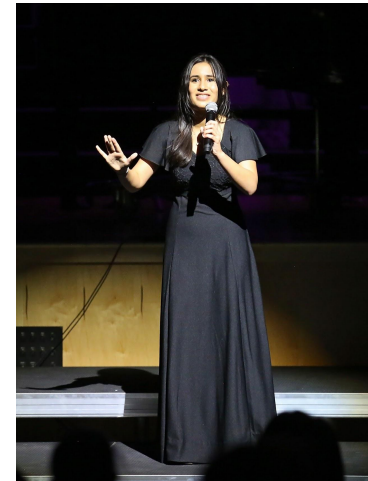


VOCAL MUSIC I, II, III, IV & V

Contact linda.boot@ocps.net or visit room 8-109 for information.

Goals of the Horizon Vocal Music Department:

- To present outstanding performances for our school and community..
- To perform for exciting venues such as the *Candlelight Processional* in EPCOT and to take amazing performance trips.
- To experience and understand the power of music to motivate, inspire, and communicate.
- To prepare students for collegiate studies and performance career opportunities post high school.
- To foster appreciation for singing as an enjoyable and enriching life skill/activity for everyone involved.





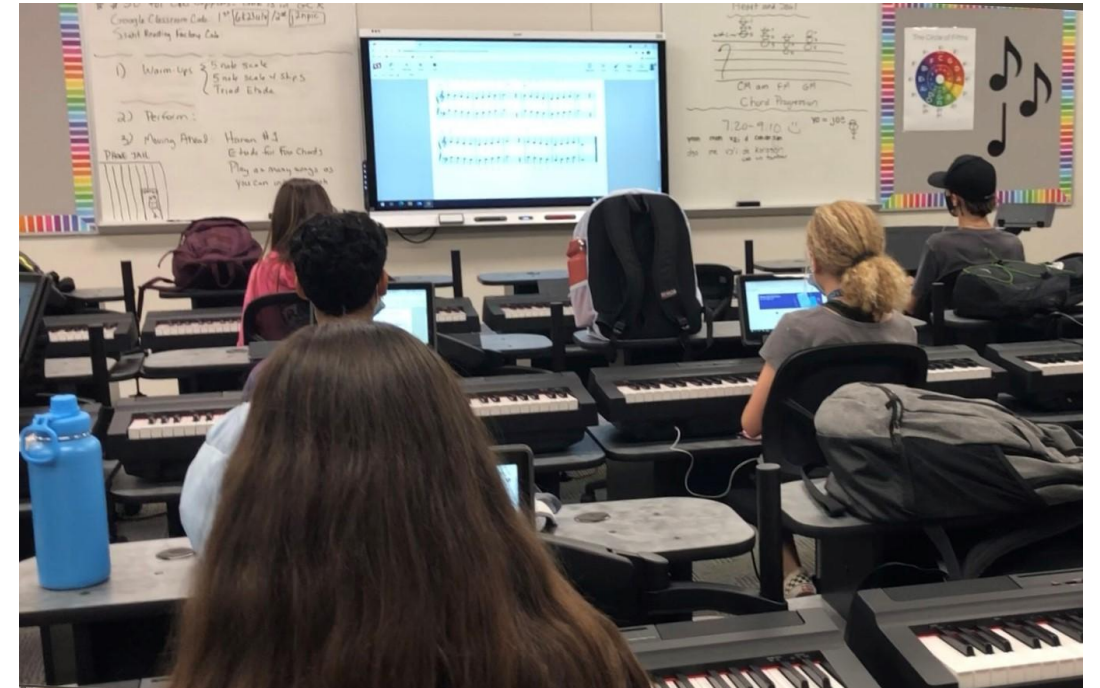
PIANO/KEYBOARD I, II, III & IV

Contact linda.boot@ocps.net for additional information.

Did you know that HHS has a STATE OF THE ART Piano/Keyboard Lab? Stop by Room 8-108 to check it out!

Goals of Horizon Piano/Keyboard Class:

- To teach students to learn or continue to learn how to play the piano/keyboard.**
- To experience and understand the power of music to motivate, inspire, and communicate.**
- To prepare students for collegiate studies and performance career opportunities post high school.**
- To promote musical literacy by developing the knowledge and skills necessary to play and perform at optimal levels and to instill commitment, dedication, and passion for self-directed learning and expression.**



Guitar



Guitars provided for in-school classes. This is a co-curricular class - Rehearsals and Concerts will be required outside of the regular school day.

Contact Andrea.Reynolds@ocps.net for more info!

- Guitar 1, 2, 3, 4
- Learn the fundamentals of classical guitar performance
- Open to all students

Horizon Orchestra

Instruments in Orchestra:

Violin
Viola
Cello
Bass

*Limited instruments available for rent from the school.

-Beginning Orchestra Level:
Learn to play a string instrument!

-Concert & Symphonic Orchestras:
Intermediate/Advanced Level Players

Please see Mrs. Reynolds for more information! Room 8-111 or email Andrea.Reynolds@ocps.net



*This is a co-curricular class – Rehearsals and Concerts will be required outside of the regular school day.



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Music Theory 1

-This course is an introduction in basic music theory - notation, music appreciation and composition.

-Students will learn how to read music, what to listen for and how to describe what they hear being performed as well as basic compositional techniques in order to create their own music!

-This course is a precursor to AP Music Theory which dives into further detail about music theory and composition.

Please contact
Andrea.Reynolds@ocps.net
with any questions!



Advanced Placement Music Theory

-Topics cover introductory college-level music theory topics such as chord building, musical analysis, musical dictation and sight-singing.

-Prerequisite for this course is at least one year of music experience. All students must read the music staff (TAB reading not acceptable).

-Students may be able to earn college credit with a successful AP score of 3 or higher.

-This course is helpful to those who wish to pursue a music career.





THEATRE, MUSICAL THEATRE, TECHNICAL THEATRE, THEATRE COMPANY

Horizon High School Theatre strives to re-invent what high school theatre can achieve, through collaborative processes and helping students prepare for professional artistic endeavors. We have different levels available.

Theatre 1 - Learn the basics of all elements of theatre in this introductory class

***Advanced Theatre** (Theatre 2, Theatre 3 Honors)- Expand on foundations of theatre

***Musical Theatre**- Focused instruction based in becoming a triple threat, singing, dance, and acting for the stage (open 10-12 grades)

Theatre Company Class - (By Audition only) inducted into International Thespian Society for adjudicated performances

Technical Theatre - Focused instruction based on technical elements of production, including: design, lights, sounds, stage management, etc.

*Students must complete credit for Theatre 1, or have outside production experience with written permission from Ms. Fisher to take this course.



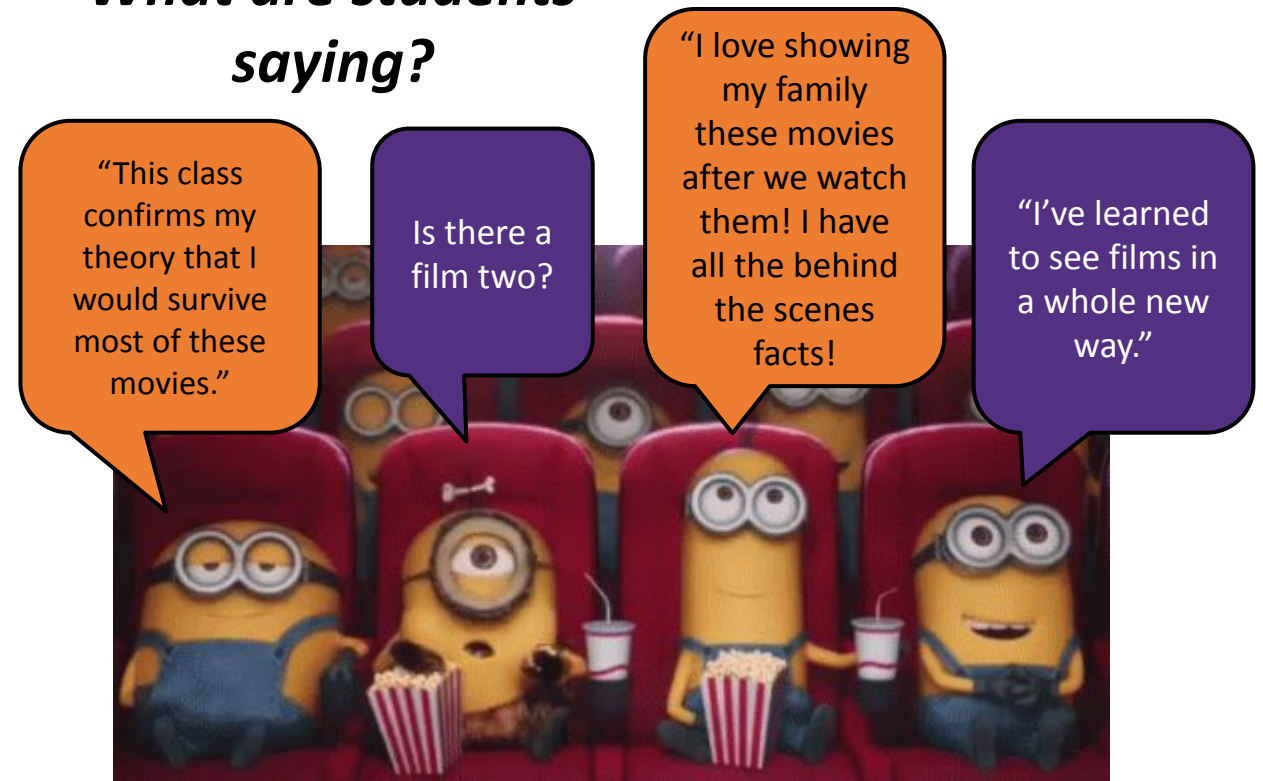


Theatre, Film, & Cinema Analysis

In *Theatre, Film, & Cinema Analysis* students explore the elements of film and cinematic techniques used by those who create movies. Learning to recognize and appreciate the complexity of the artistic world of film allows moviegoers to be more than just a member of the audience: it opens doors to be a reader, participant, and critic. ***Please note we do not create content, but are focused on media literacy. If you are interested in filming Digital Video Technology is the course for you.**

For more information or questions, please contact Olivia.Mindermann@ocps.net

What are students saying?





Ceramics/Pottery 1, 2 and 3



Learn to build sculptures out of clay using both hand built (pinch, coil and slab) and wheel thrown techniques. Firing and glazing for finished works.

Reach out to Mr. Cox for questions at 40289@ocps.net and follow us @HorizonHighClay and on FB at Horizon High School Arts!



AP Art 3D Studio

- Create a full, college level portfolio
- Receive college credit with a passing score!
- We will conduct a sustained investigation the whole year
- Student driven, you will make what you want to make.
- Reach out to Mr. Cox with any questions at 40289@ocps.net and follow us @HorizonHighClay and on Facebook at Horizon High School Arts!



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DRAWING

Reach out to Mrs. Tabosa for questions at
127037@ocps.net

- *I like art, but I do not think I can draw.. should I take this class?*

- YES! All skill levels are welcome. You will be taught the fundamentals needed to become a budding artist.

- *What will we learn?*

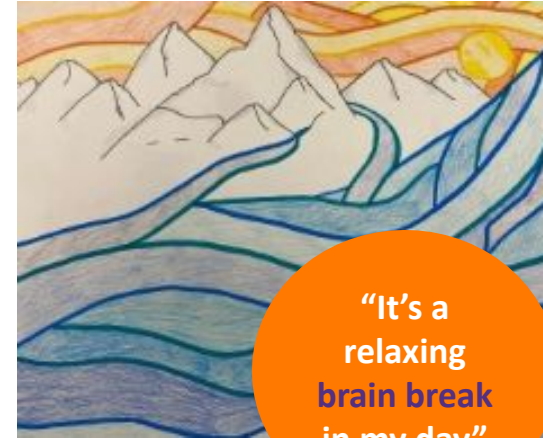
- Elements of Art & Principles of Design
- Art History and how to critique art
- How to use inspiration in existing art
- Experimentation of different mediums
- Techniques to give art a 3rd dimension
- Careers in Art
- ***And Much More!!***

Offering Drawing 1, 2, and 3 Honors

"This experience has taken my imagination to another level"



"It's a relaxing brain break in my day"



What are students saying?



"I use the basics I was taught, but love that I still have creative freedom"



"I like that explanations were simplified for those new to art like me"



Artworks shown are all student created

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Painting

Offering Painting 1, 2, and 3 Honors

Reach out to Mrs. Murphy for questions at 121240@ocps.net

I cannot paint, can I take your class?

- YES! You will learn foundational skills to help you learn how to paint.

What will we learn how to paint?

- People, Faces & Skin Tones
- Architecture
- Feelings/Moods
- Surrealism Art
- Abstract Art
 - **And Much More!!**

Mediums Used

- Watercolor
- Acrylic
- Water Based
- Oil Paint
- Gouache
- Tempra
- Pastel
- Resin



These are all student created paintings



Fine Studio Crafts

PREREQUISITE: Students must have taken and passed one of the following courses to enroll in FSC
Drawing 1, Painting 1, Ceramics 1, AP AHIS or Level 1 or Higher

What will we do in Fine Studio Crafts?

The idea of this class is to build real world skills, the class may cover the following content and more...

- Jewelry Making & Design
- Fibers & Fabrics
- Interior or Architectural Design
- Design & Embellishments
- Puppet Making
- Inflatable Sculptures
- Printmaking & Wood Work
- Fashion Design
 - And More!!!!



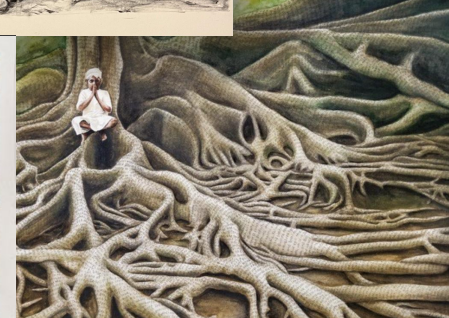
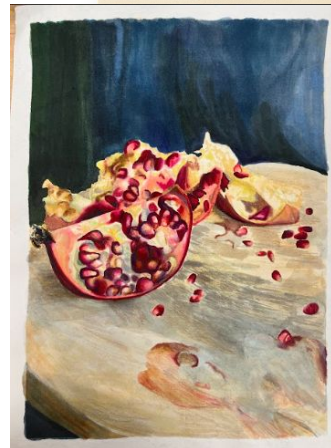
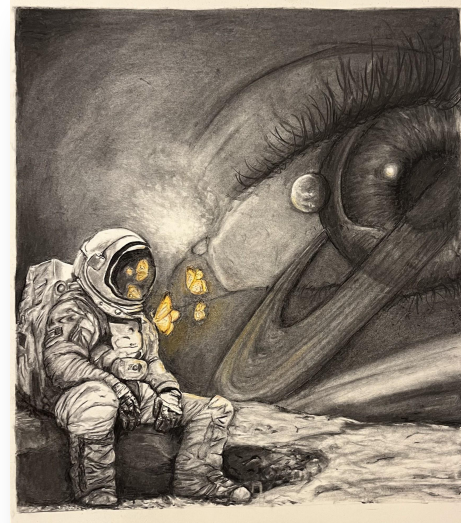
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AP 2-D Art & Design

Reach out to Mrs. Murphy for questions at 121240@ocps.net

- **What do we learn in AP Drawing & Design?**
 - You will learn how to **think** an artist.
 - You will get to decide what to make and how to make it focusing on a theme that intertwined all of your work.
 - You will practice on **reflecting and documenting** your experience to inform your work.
 - You will explore many materials and processes including:
 - Drawing
 - Graphite
 - Charcoal
 - Ink
 - Painting
 - Watercolor
 - Acrylic
 - Gouache
 - Water Based Oil Paint
 - Digital Media
 - Creative Photography



AP Art History

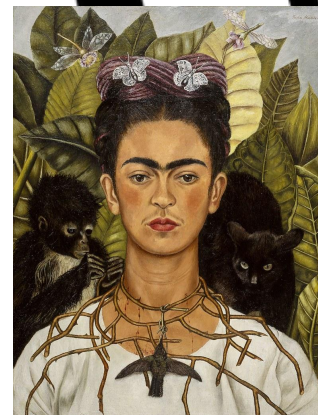
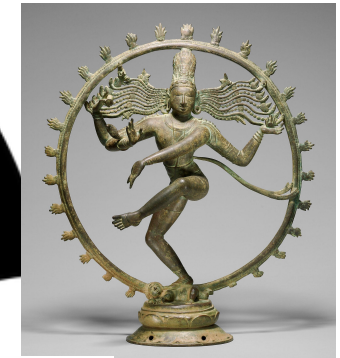
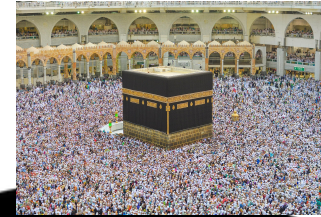
Recognize any of these art works?

Students who pass the exam with a 3 or higher can earn 3 credit hours, 4 or a 5 earn 6 credit hours at most FL Universities

AP Art History is designed to allow students to examine major forms of artistic expression relevant to a variety of cultures evident in a wide variety of periods from present times into the past.

Students acquire an ability to examine works of art critically, with intelligence and sensitivity, and to articulate their thoughts and experiences.

Reach out to Mrs. Murphy for questions at 121240@ocps.net



The course content covers:

- Prehistoric
- Mediterranean
- European
- American
- Native American
- African
- Asian
- Pacific
- Contemporary
- Architecture



Other Electives

College Level

- [AICE Global Perspectives](#)
- [AICE Psychology AS](#)
- [AICE Thinking Skills](#)
- [AP Capstone Program](#)
- [AP Comparative Government/ AP Macro](#)
- [AP Computer Science Principles](#)
- [AP Computer Science A](#)

[Peers as Partners](#)

Academic

- [Comprehensive Law Honors](#)
- [Creative Writing](#)
- [Debate](#)
- [Reading](#)
- [SAT and ACT Prep/Personal Finance](#)
- [Sociology/Holocaust](#)

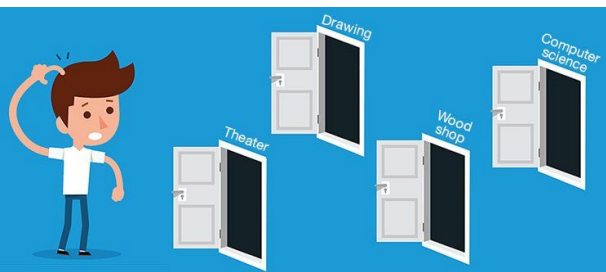
[First Aid & Safety/
Care & Prevention of Athletic Injuries](#)

Leadership

- [NDCC \(JROTC\)](#)
- [SGA Leadership- Student Government](#)

Sports

- ★ [HOPE \(HEALTH OPPORTUNITIES PHYSICAL EDUCATION\)](#)
- [Basketball 1 and Basketball 2](#)
- [Soccer/Sports Officiating](#)
- [Team Sports 1 and Team Sports 2](#)
- [Volleyball 1 and Volleyball 2](#)
- [Weights 1, 2, and 3](#)



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Reasons to take AICE Global Perspectives & Research

- Essential skills development for both college & jobs
- A preview of how college seminars work
- Learn how to create professional presentations
- Learn how to do academic research
- Discover current international issues
- Practice college-level critical thinking

What do you do in class?

- Debates!
- Group projects
 - Explore the events of today's world
 - Problem solve for real-world issues
 - It's a sneak peak of great college classes
 - It's one of the most interesting classes @HHS

Course Topics (Selected by Cambridge):

- Alternatives to oil
- Architectural priorities
- Artificial Intelligence
- Arts in an international context
- Biodiversity
- Changing national identities
- Climate change
- Cultural heritage
- Endangered cultures
- International law
- International sport
- Medical ethics and priorities
- Migration and work
- Political systems
- Religious-secular divide
- Rise of global superpowers
- Standard of living/quality of life
- Sustainable futures
- Ethical foreign policies
- Ethics and economics of food
- Gender issues
- Genetic engineering
- Global economic activity
- Impact of the internet
- Industrial pollution
- Technology and lifestyles
- Tourism
- Transnational organisations (e.g. UN, EU, NATO)
- Transport
- Urbanisation





AICE Psychology AS



UNIVERSITY OF
CAMBRIDGE

- Students can receive college credit for a passing score
- AICE Psychology is an in depth study of 12 Core Psychological Studies
- Find out what makes us do what we do
 - How does being in a social situation affect your response?
 - Why does your brain react the way it does?
 - Why do you respond in specific ways?
- Come learn all this and more :)
- This class is a combination of both science and social studies with a heavy writing component



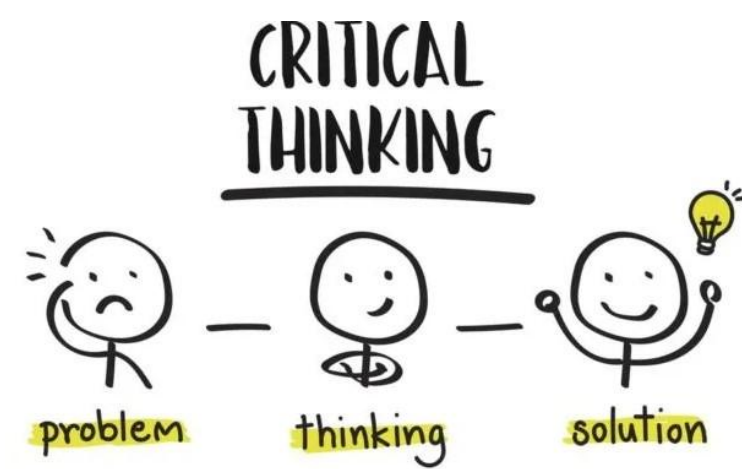
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AICE Thinking Skills



This is a very different class from any you have taken before. Rather than a test of what you know, it is a test of what to do when you don't know!

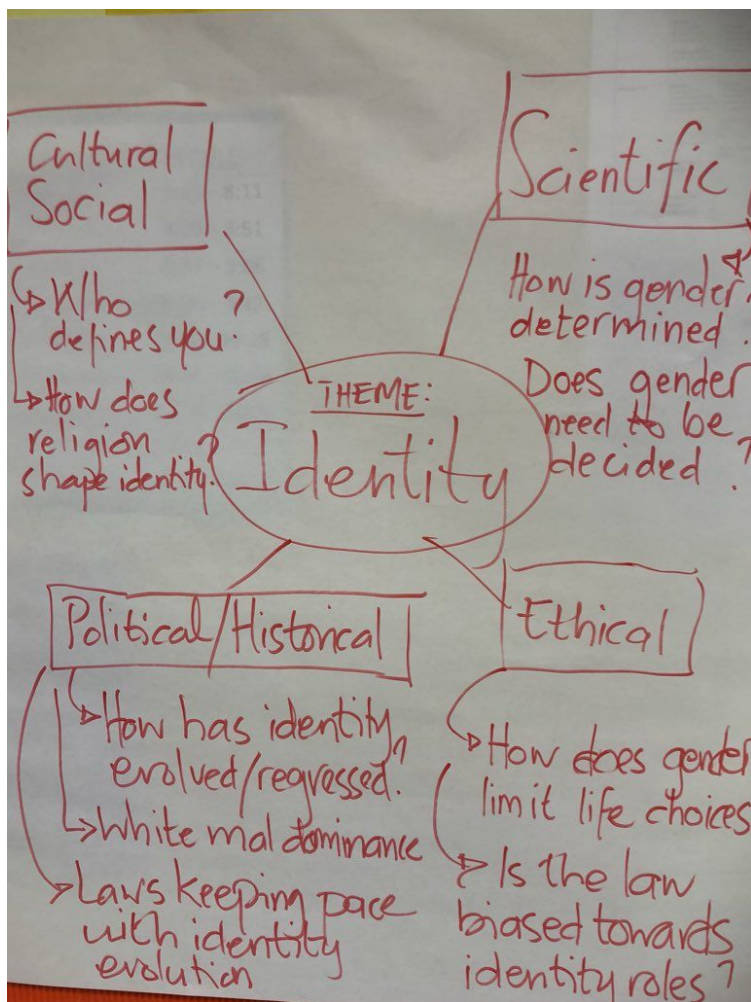
Thinking Skills develops a set of transferable skills, including critical thinking, reasoning and problem solving, that students can apply across a wide range of subjects and complex real world issues.

The syllabus enables students to develop their ability to analyse unfamiliar problems, devise problem solving strategies, and evaluate the diverse ways a problem may be solved. During a Thinking Skills course, students learn to put their personal views aside in favour of examining and evaluating the evidence. Students learn how to make informed and reasoned decisions and construct evidence-based arguments.

These independent thinking skills build confidence and equip students with a toolkit for tackling complex and unfamiliar subjects, essential for successful progression to higher education or into professional employment.

An infographic titled "Critical Thinking Skills" with five numbered steps: 1. Observation (eye icon), 2. Analysis (magnifying glass icon), 3. Inference (number 3 icon), 4. Communication (speech bubble icon), and 5. Problem solving (gears icon). The infographic includes the "indeed career guide" logo at the bottom left.

AP Capstone



- Two year program
 - Year 1-AP Seminar
 - Year 2- AP Research
- Get college credit for passing and Capstone Diploma.
- Focus on developing research skills, presentation skills, academic writing skills.
- Examine real-world problems through different lenses and explore solutions that impact your community.
- Learn team dynamics.
- Analyze Data to address a gap and your research question.

AP CAPSTONE

QUICK GUIDE

AP Capstone is an innovative diploma program that provides students with an opportunity to engage in rigorous scholarly practice of the core academic skills necessary for successful college completion.

AP Capstone is built on the foundation of two courses — AP Seminar and AP Research — and is designed to complement and enhance the in-depth, discipline-specific study provided through AP courses. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions.

AP Seminar	AP Research
AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives.	AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research based investigation to address a research question.

For more information contact Mr. Herndon or Dr. Bullman

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AP Comparative Government



Unit 1: Political Systems, Regimes, and Governments

You'll learn about the skills and concepts that political scientists use in their work and apply them as you analyze data related to the six course countries.

Unit 2: Political Institutions

You'll look at the political structure and the branches of government of each of the six course countries.

Unit 3: Political Culture and Participation

You'll study the ways in which the citizens of a country interact with, influence, and are affected by their government, using the six course countries as examples.

Unit 4: Party and Electoral Systems and Citizen Organizations

In the context of the political structures, events, and issues associated with the six course countries, you'll learn how individuals, parties, and citizen organizations work to gain influence and power.

Unit 5: Political and Economic Changes and Development

You'll explore how the political systems and power structures of the six course countries play out in an interconnected global context.



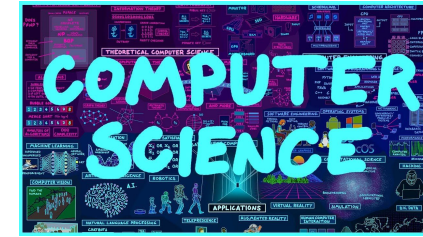
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AP Credit

Analyzing real geopolitical issues

Learn about the systems and relationships that define global news.

Case study countries for comparison: US, Iran, Russia, Great Britain, China, Mexico and Nigeria



AP Computer Science Principles



What is it?

AP Computer Science Principles is an **introductory** college-level computing course that introduces students to the **broad concepts** in the field of computer science.

This course is **more than just programming**. We will focus on 5 “Big Ideas” (below).

Who should take AP CSP?

- Anyone can sign up!
- No experience required.
- No grade level requirement.
- Recommendations:
 - Passed Algebra 1 FSA
 - Passed English FSA

Big Ideas

1. **Creative Development** (collaboration, design, development)
2. **Data** (binary numbers, data compression/extraction)
3. **Algorithms & Programming** (variables and assignments, data abstraction, iteration, etc.)
4. **Computer Systems & Networks** (internet, fault tolerance, parallel/distributed computing)
5. **Impact of Computing** (crowdsourcing, legal/ethical concerns/bias)

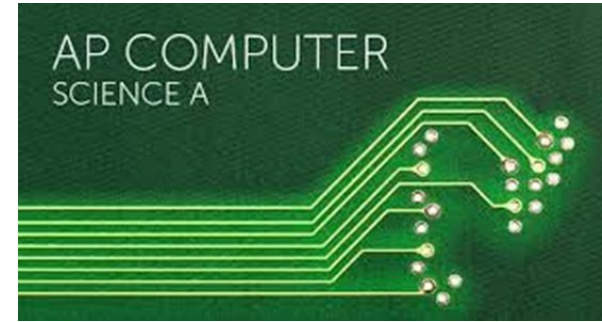




Teacher Info

Mr. Joyner (joshua.joyner@ocps.net)

AP Computer Science A



```
public class BubbleSort {  
  
    public static void main(String[] args) {  
  
        int arr[] = { 6, 4, 1, 2, 5};  
  
        for(int i = 0; i < arr.length-1; i++) {  
            for(int j = 0; j < arr.length-1-i; j++) {  
  
                if(arr[j] > arr[j+1]) {  
                    int temp = arr[j];  
                    arr[j] = arr[j+1];  
                    arr[j+1] = temp;  
                }  
            }  
        }  
  
        for(int i = 0; i < arr.length; i++) {  
            System.out.println(arr[i]);  
        }  
    }  
}
```

What is it?

AP Computer Science A is an **introductory** college-level computer programming course that introduces students to the **Java programming** language.

You'll do hands-on work to design, write, and test computer programs that solve problems.

This is a true **PROGRAMMING** course.

Who should take AP CSA?

- Students who have already completed and passed AP CSP.
- Prior coding experience suggested.
- Excelled in Algebra and beyond.
- Considering future in STEM.

Big Ideas

1. **Program Design** (determine code segments to produce a given output)
2. **Code Logic** (determine output/value/result of program code based on initial values)
3. **Code Testing** (analyze the code for correctness, equivalence, and errors)
4. **Documentation** (describe the behavior/conditions that produced certain results)

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Creative Writing

The **Creative Writing** course is an **English elective** for students who **enjoy writing** as a form of **art** and **personal expression**. Students will have the opportunity to explore several different types of **poetry** and **prose** styles, as well as respond creatively to **literature**, **art mediums**, **quotes**, and **music**.

Originality and thoughtful writing are what we're looking for! Everyone and their writing are welcome, whether writing is your hobby or just starting out. **Peer reviews** and building a **supportive and friendly environment** for sharing ideas are essential elements to our classroom.

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Interested in Joining Debate...

- Compete in debate and speech tournaments local and national.
- Learn about philosophy, values, and how to write cases and speeches
- Join a group of academically and politically active students

For More Information

Contact: stanbanks@ocps.net

Remind: [@hawksdeb](https://www.instagram.com/hawksdeb)



HORIZON HAWKS SPEECH & DEBATE



First Aid and Safety Care and Prevention of Athletic Injuries

FIRST AID AND SAFETY* (0800320)**
Provides students with opportunities to acquire advanced skills in first aid; emergency care; and personal, community, and environmental safety. Content includes advanced first aid, two-person and infant CPR; and relief of obstructed airway and safety. This course is taken in conjunction with Care/Prevention of Athletic Injuries.

CARE/PREVENTION OF ATHLETIC INJURIES* (1502490)** Co-requisite: First Aid and Safety This course provides students with the opportunities to acquire knowledge and skills related to the nature, prevention, care, and rehabilitation of athletic injuries that may be used in recreational pursuits today as well as in later life.

Why Join the Army National Defense Cadet Corps ?

(JROTC) 



- To appreciate the ethical values and principles that underlie good citizenship.
- To develop Leadership potential, while living and working cooperatively with others.
- To be able to think logically and to communicate effectively with others, both verbally and in writing.
- To appreciate the importance of Physical Fitness in maintaining good health.
- To understand the importance of high school graduation for a successful future, and learn about college and other advanced educational and employment opportunities.
- To develop mental management abilities.
- To become familiar with military history as it relates to America's culture, and understand the history, purpose, and structure of military services.
- To develop the skills necessary to work effectively as a member of a team.

ARMY
JROTC

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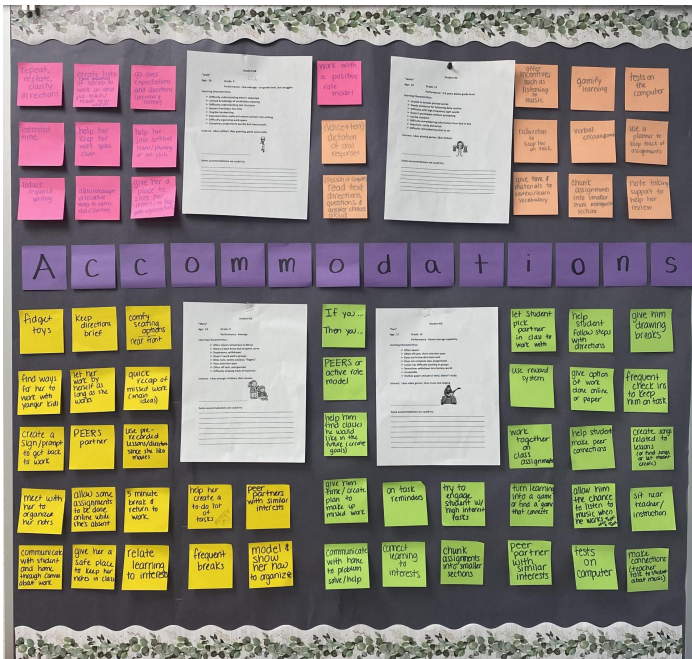




Peers as Partners



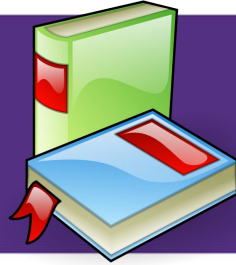
Students in the Peers Partners in Learning class provide support for students with disabilities in the general education classroom, special education classroom, and in other environments on campus. In addition to assisting students during assigned support classes, students must also complete course requirements such as written assignments, class activities, and projects. Peers students receive a final year grade and one un-weighted elective credit when they complete all of the course requirements. Students interested in joining this course will complete an application using the link below.



[Peers Application](#)



Reading



Reading Classes Offered:

- Intensive Reading 1, 2, & 3
- Developmental Language Arts through Reading (ESOL)
- SAT/ACT Prep



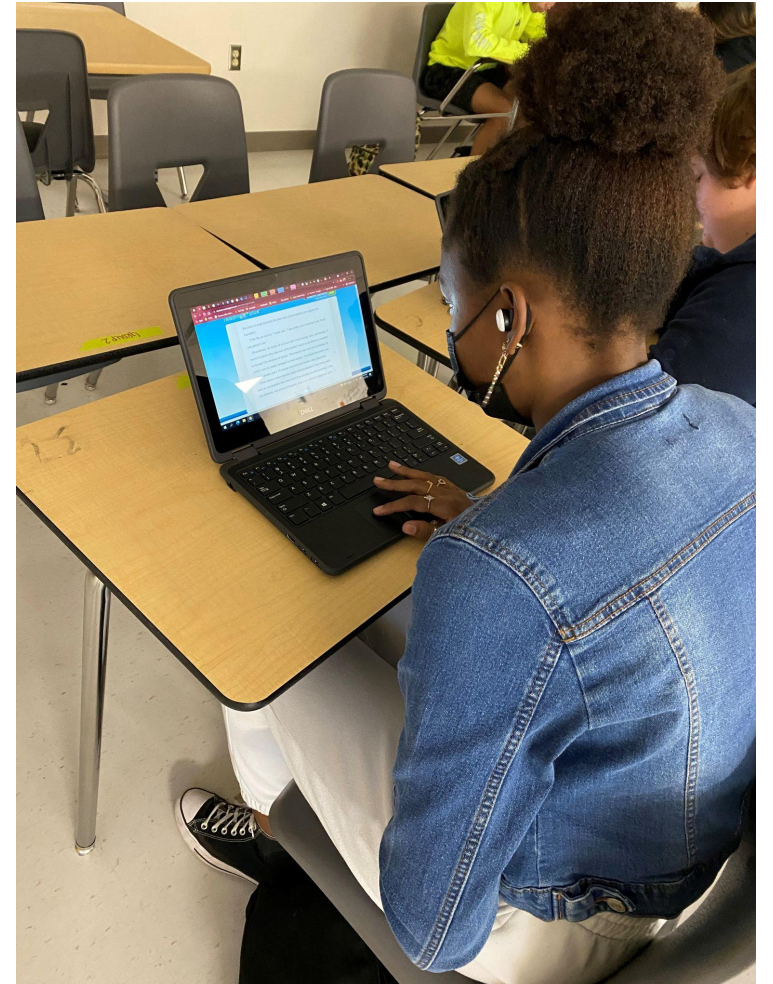
Our Goals:

- Assist students in growing their reading skills.
- Prepare students to pass the FSA and SAT
- Provide individualized instruction to students who struggle with reading



SAT[®]

reading  plus



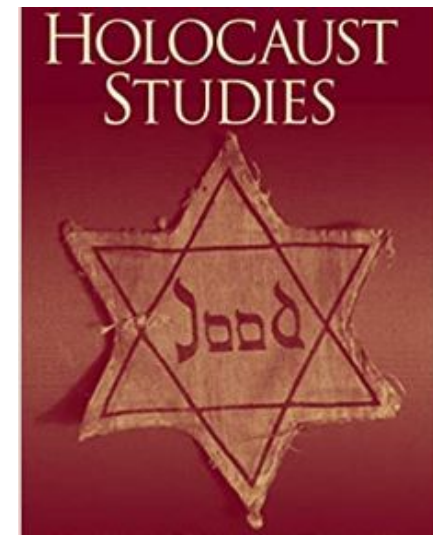
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Sociology & Holocaust Studies

Contact Ms. Garcia (5-305) kassidy.garcia@ocps.net

- This combines 2 classes into one year long class. Students will take Sociology one semester and Holocaust Studies the other.
- In Sociology you'll learn about culture, groups, socialization, and how human society affects you as an individual.
- In Holocaust Studies you'll learn about genocide during WWII. This class goes beyond just a discussion of the concentration and death camps and spans the time period from the end of WWI through the creation of the Nation of Israel.



SGA Leadership- Student Government Association

“Leading the Pursuit”

- Learn and put into practice the concepts of becoming a leader at HHS and in the community.
- Plan and facilitate school spirit/social/service events including Homecoming, pep rallies, dress up days, awareness events, and grade level activities.



Contact Mr. Duerksen
in room 7-102

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H.O.P.E

HEALTH OPPORTUNITIES THROUGH PHYSICAL EDUCATION

The purpose of the course is to enable students to develop an understanding of fitness concepts, human sexuality, design a personal fitness program, and be introduced to various life management skills. This course is a graduation requirement.





Basketball 1 and Basketball 2

- The purpose of this course is to provide students with opportunities to acquire knowledge and skills in basketball that may be used in recreational pursuits today as well as in later life and maintain and/or improve their personal fitness. This course includes sport history, game rules, and basketball fundamentals
 - Semester classes- receive ½ credit.



Soccer

- The focus will be on skill development. Content will include knowledge of skills, strategies, rules, and safety practices necessary to participate in this sport at a recreational level. Semester class- receive ½ credit.



**Paired with (.5)
Sports Officiating**





SPORTS OFFICIATING

BECOME A SPORTS OFFICIAL!

This class will train you to become a referee in football, soccer, volleyball, and more! Upon completing the course, you will have your certification to referee.

<https://www.youtube.com/watch?v=toVooE-elec>

Length: SEM Credits: 0.5 Area: PE

Paired with (.5)
Soccer



Team Sports 1 and Team Sports 2

- Team Sports 1: The focus will be on skill development. Content will include knowledge of skills, strategies, rules, and safety practices necessary to participate in these sports at a recreational level. Examples would be: Volleyball, basketball, and hockey
- Team sports 2: Soccer, Softball, Speedball, and Ultimate Frisbee will be introduced.
- Semester classes- receive ½ credit.



Volleyball 1 and Volleyball 2



- The focus will be on skill development. Content will include knowledge of skills, strategies, rules, and safety practices necessary to participate in this sport at a recreational level. Semester classes receive $\frac{1}{2}$ credit.



Weights 1, 2, and 3

WEIGHT TRAINING 1-3 (1501340/1501350/1501360)

- Provides students with opportunities to acquire knowledge and skills in weight training including an assessment of muscular strength and endurance as well as a knowledge of health problems associated with inadequate levels of muscular strength, skeletal muscles, sound nutritional practices, and consumer issues related to weight training
 - Semester classes- receive ½ credit.

