



# **Allderdice High School Course Offerings**

**February 9<sup>th</sup>, 2023**

# World Languages Department

ITL Jennifer Felton- [jfelton1@pghschools.org](mailto:jfelton1@pghschools.org)

**French** 1-5 PSP, 1-4 CAS, 5 AP, 6 CAS

**Japanese** 1-4 PSP, 5 AP

**Portuguese** 1-4 PSP

**Spanish** 1-4 PSP, 1-4 CAS, 5 AP, 6 AP

# Science Department

ITL Mike Carey-mcarey1@pghschools.org

**9<sup>th</sup> Grade:** Biology I PSP, Biology I CAS

**10<sup>th</sup> Grade:** Chemistry I PSP, Chemistry I CAS,  
Conceptual Chemistry

**11<sup>th</sup> Grade:** Physics I PSP, Physics I CAS, AP PHYSICS 1,  
Conceptual Physics

**12<sup>th</sup> Grade:** AP Biology II, AP Env. Science, AP Chemistry II,

AP Physics 2C Mechanics & AP Phys. 2c E&M,

A&P, Earth Science, Forensics Science, Science Research

# English Department

ITL Jon Parker- [jparker1@pghschools.org](mailto:jparker1@pghschools.org)

- **Grade 9:** English 1 PSP, English 1 CAS
- **Grade 10:** English 2 PSP, English 2 CAS
- **Grade 11:** English 3 PSP, English 3 AP, English 3 AP
- **Grade 12:** English 4 PSP, English 4 AP, English 4 AP,  
African American Literature

\*\*English 1 CAS and English 2 CAS course content includes the Long Term Project (LTP) embedded in the curriculum\*\*

# English Department

ITL Jon Parker- [jparker1@pghschools.org](mailto:jparker1@pghschools.org)

## Electives with Accompanying Clubs

Creative Writing 1, Creative Writing 2

Dragonbreath with Dr. Slifkin

Debate

Debate Team with Ms. Mazzocco

Journalism 1, Journalism 2

The Foreword with Mr. Parker

Acting 1

Fall Play and Spring Musical with Ms. Madden Harrold

## Standalone Electives

Screenwriting 101

Film Appreciation 1, Film Studies 2

Post-Secondary Prep

\*\*Film Studies 2 and Journalism 2  
are full year electives; all others are  
a semester in length\*\*

# Mathematics Department

ITL Roseann Casciato - [rcasciato1@pghschools.org](mailto:rcasciato1@pghschools.org)

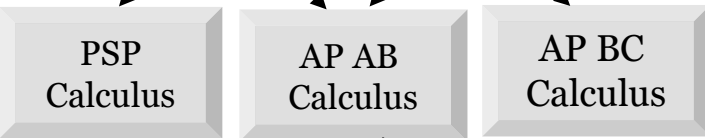
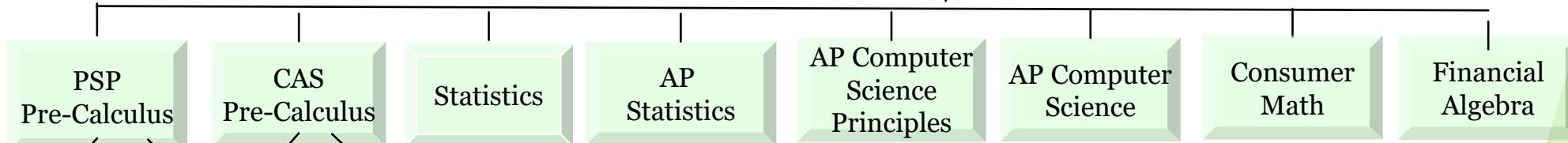
**GRADUATION REQUIREMENTS**  
❖ Successful completion of Algebra 1, Geometry, and Algebra 2.  
❖ Four high school math courses.

PSP or CAS  
Geometry

PSP  
Algebra 1

PSP or CAS  
Algebra 2

Upon completion of Algebra 2,  
a student may take as many  
math courses as they desire.



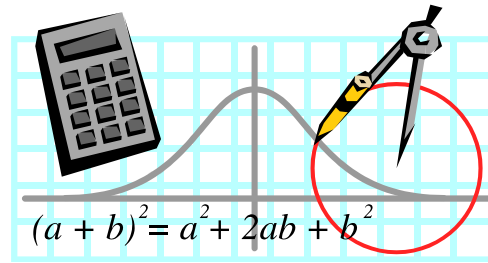
Matrices &  
Linear Algebra  
(CAS)

# Mathematics League

- Any student in Algebra 2 or above is welcome to join with their math teacher's approval.
- The team competes here at Alderdice once a month (October –March) within our section – Pittsburgh Alderdice, Pittsburgh Obama 6 – 12, and Pittsburgh Science & Technology Academy.
- Competitions consists of two fifteen-minute individual rounds (3 questions per round) and a ten-minute team round (5 players, 3 questions). No calculators are permitted.
- The league consists of 26 teams divided into 8 sections. It includes Kiski Area, North Allegheny, Franklin Regional, Montour, Sewickley Academy, Quaker Valley, Ambridge Area, Freedom Area, Shady Side Academy, Uniontown Area, Lauren Highlands, Geibel, Albert-Gallatin, Brownsville Area, Canon McMillan, Upper St. Clair, Keystone Oaks, Wilmington Area, Chartiers Houston, McGuffey, Washington, Trinity Area, and Fox Chapel for a chance to earn a spot in the regional finals.
- In April, all the section winners take teams of 5 to compete in finals.

# Mathematics League

## Traveling Mathematics Team Competitions 2022 – 2023 School Year



Competition Date	Time of Competitions	Host
10/17/2022	Timeslots 3-4	Allderdice Library
11/21/2022	Timeslots 3-4	Allderdice Library
12/19/2022	Timeslots 3-4	Allderdice Library
1/23/2023	Timeslots 3-4	Allderdice Library
2/20/2023	Timeslots 3-4	Allderdice Library
3/20/2023	Timeslots 3-4	Allderdice Library



# Mathematics League

## The Mathematical Association of America (MAA)

- The MAA has developed the American Mathematics Competition, <http://amc.maa.org>.
- The mission of the MAA's American Mathematics Competition is to increase interest in mathematics and to develop problem solving through a fun competition.
- Teachers and schools benefit from the chance to challenge students with interesting mathematical questions that are aligned with curriculum standards at all levels of difficulty.
- Students gain the opportunity to learn and achieve through competition with students in their school and around the world.
- American Mathematics Competition – there are two levels of the test
  - AMC 10 – Contest for 9<sup>th</sup> and 10<sup>th</sup> grade students
  - AMC 12 – Contest for 11<sup>th</sup> and 12<sup>th</sup> grade students
- This contest is by invitation only. Students are recommended by their teachers.
- AMC 10 – If a student scores in the top 1%, they qualify to take the American Invitational Mathematics Examination (AIME).
- AMC 12 – If a student scores 100 or more, they qualify to take the AIME.
- If students move on to the second level of the test, they can qualify to win scholarships.

# Art Department

▶ **FINE ARTS:** ITL Jacquelynn Moyer- [jmoyer1@pghschools.org](mailto:jmoyer1@pghschools.org)

- ▶ VISUAL- LEVELS 1, 2, 3, 4
- ▶ AP VISUAL ART
- ▶ JEWELRY- LEVELS 1, 2, 3, 4
- ▶ AP 3D JEWELRY
- ▶ AP ART HISTORY
- ▶ CERAMICS- LEVELS 1, 2, 3, 4

▶ **MUSIC:**

- ▶ UNDERSTANDING MUSIC
- ▶ CHORUS
- ▶ ORCHESTRA 1-5
- ▶ AP MUSIC THEORY
- ▶ BAND 1 & 2
- ▶ BAND 3 & 4
- ▶ BAND 5



Teachers: Wendy Kramer, Meghan Mager, Jessica Fischer, Susanne Hamelly Brian Lee, Jon Erik Schreiber

# Social Studies Department

ITL Michele Halloran - [mhalloran1@pghschools.org](mailto:mhalloran1@pghschools.org)

## ▶ 9<sup>th</sup> Grade:

- ▶ PSP Civics
- ▶ CAS Civics
- ▶ AP US Government and Politics

## ▶ 10<sup>th</sup> Grade:

- ▶ PSP World History
- ▶ AP World History (Modern)

## ▶ 11<sup>th</sup> Grade:

- ▶ PSP United States History
- ▶ PSP African American History
- ▶ AP United States History
- ▶ AP African American Studies

# Social Studies Department Electives

## ▶ Open Electives

- ▶ AP Psychology
- ▶ AP Human Geography
- ▶ AP Seminar (Sophomore/Junior only)
- ▶ AP Research (Junior/Senior only)
- ▶ Comparative Religions
- ▶ Women's Studies
- ▶ Sociology
- ▶ Philosophy

## ▶ Senior Year Electives

- ▶ AP European History
- ▶ AP US Government and Politics
- ▶ AP African American Studies
- ▶ PSP African American History
- ▶ American Democracy (for students who did not take Civics)

# Physical Education Department

ITL Karina Scheuering-  
kscheuering1@pghschools.org

## **PE/Lab**

Co-ed classes

## **Personal Fitness**

Co-ed classes- semester

## **Health 1 and 2**

# CTE Department

ITL Carl Baumgart- [cbaumgart1@pghschools.org](mailto:cbaumgart1@pghschools.org)

## Business Education

Business Fundamentals 1

Business Law

Computer Fundamentals

Games and Applications

Microsoft Office Applications

Personal Finance

## Family Consumer Science

Child Development

Culinary Arts 1 & 2

Fashion Arts 1& 2

## Applied Technology

Engineering Technology 9-12

*(Magnet Program)*

Introduction to Engineering

Robotics

TV Production

Visual Communications 1 & 2

## CTE Programs:

RHVAC

Engineering Technology

