



Hempfield Secondary Math Department

The Pennsylvania Department of Education requires one standardized assessment related to the math department.

At the end of Algebra IB, students take the Keystone Algebra exam.

Curriculum in Algebra IA and IB is aligned to eligible content for these exams and to the Pennsylvania Common Core State Standards.

Students who do not score proficient or advanced on the first administration will be offered an online remediation. If students are not successful on the Keystone, they must complete another PDE approved pathway to graduation.

[PDE's Pathways towards Graduation](#)

Demonstrating proficiency is a graduation requirement. More information is available here:

<https://www.education.pa.gov/K-12/Assessment%20and%20Accountability/GraduationRequirements/Pages/default.aspx>

"Pure mathematics is, in its own way, the poetry of logical ideas."



Contact Information

Michael Gambler

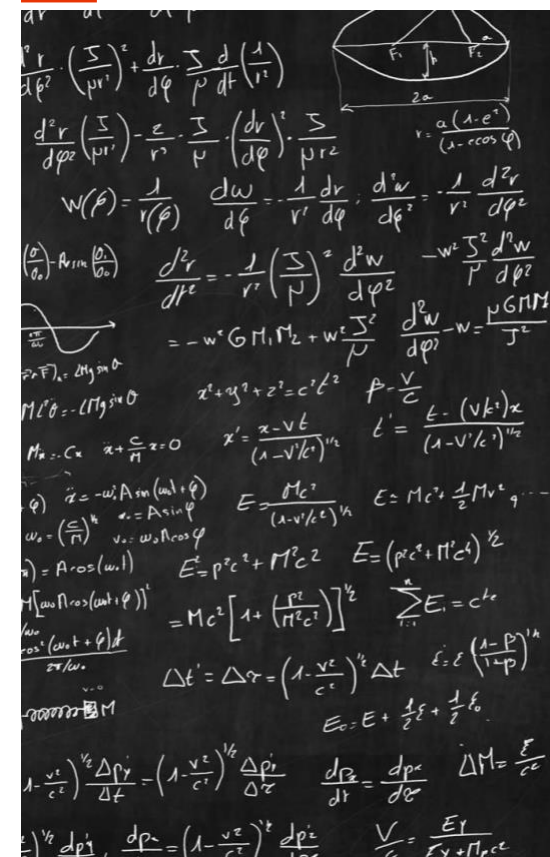
Secondary Math Coordinator

mike_gambler@hempfieldsd.org

Katherine Deisley

Supervisor of Secondary Curriculum

katherine_deisley@hempfieldsd.org



Math Electives

In addition to the required math courses, students may elect any of the following courses to broaden their math background:

- Statistics AP
- Introduction to Programming
- Computer Science Principles AP
- Computer Science AP

AP Courses

AP courses are aligned to the College Board course requirements and provide students with the opportunity to take the Advanced Placement test at the end of the course to earn college credits through many universities. For more information go to <http://apstudents.collegeboard.org>

CHS Courses

CHS Business Calculus is through the University of Pittsburgh. CHS College Algebra is through HACC. Students who are enrolled in the CHS option can earn college credits with successful completion. The CHS option is not a requirement to take the class.

Math Department Requirements

To fulfill graduation requirements, students must complete four mathematics credits from the courses listed below. Common course sequences are below. With teacher recommendation, students may change levels to find the appropriate level of challenge.

