



# Mathematics

## Course Offerings

### Freshman Year

Algebra 1  
Geometry - testing required  
Algebra 2 - testing required  
Integrated Technology  
Computer Applications

### Sophomore Year

Geometry  
Algebra 2  
Pre-Calculus  
Computer Applications  
AP Computer Science Principles

### Junior Year

Algebra 2  
Pre-Calculus  
Probability & Statistics  
AP Calculus/Honors Calculus  
AP/PLTW Computer Science Principles  
Computer Applications  
AP/PLTW Computer Science A

### Senior Year

College Algebra  
Pre-Calculus  
Probability & Statistics  
AP Calculus/Honors Calculus  
AP/PLTW Computer Science Principles  
Computer Applications  
AP/PLTW Computer Science A

### Four Math credits are required for graduation.

All students will master basic Algebra, Geometry, and advanced topics in Math including Advanced Algebra, Pre-Calculus, Probability & Statistics, Calculus, Technology & Data Analysis. All students are required to have a graphic calculator for use in class.

## Challenging Students to Learn & Grow

The goals of our Math Department are multi-faceted. On a very practical level, the goal is this college preparatory environment is to prepare all students to enter college ready to step into the math courses required for their discipline without being required to take non-credit prerequisites in college. The student further develops skills to become life-long learners and productive citizens. In our information age, it is vital to master thinking skills to be able to evaluate information and to make effective decisions. By improving critical thinking, problem solving, and the use of technology, the student gains more than an education in mathematical sciences; the student becomes better prepared for college and the world beyond.

## Faculty Information

Outside of the classroom, members of our Math Department present at regional, national, and international conferences, write and review textbooks, participate in professional workshops, volunteer in our parishes and communities, coach multiple athletic teams, and are committed to being life-long learners.

## Extracurricular

### SAT Math Preparation

Classes are offered after school in the Spring, and over the Summer, prior to the Fall and Spring SATs

### Math Tutoring

Teachers and student members of the National Honors Society tutor at various times during the school day, including flex period.

### Summer Camps

Algebra 1, Algebra 2, and Tech/Robotics readiness courses develop strong skills and learning strategies.

### ESports

Students compete against other schools across multiple video game titles.

