



# Mathematics Department



## Mission



The mission of the Mathematics Department is to provide an educational experience in mathematics that helps students prepare for successful roles in an ever changing society. This is accomplished through our commitment to excellent teaching, a well-designed curriculum, and a supportive environment for all students. In support of our mission, we are committed to professional development, updating curriculum, making real world connections, and incorporating technology. We employ an assortment of assessment techniques and maintain intervention plans for students that need extra help.



## Vision



The Mathematics Department seeks to relate curriculum to real life experiences; help students to transition from concrete to abstract concepts; develop students' reasoning and problem solving skills; incorporate technology and projects whenever possible to enhance learning; and prepare all students for college level mathematics.



## Standards



- Common Core Standards for Mathematics
- College Board Standards for AP Mathematics

## Courses



UC A-G: "C" Mathematics –

- Algebra 1 & Algebra 1 Honors
- Geometry & Geometry Honors
- Algebra 2
- Advanced Algebra with Financial Applications
- Precalculus
- AP Calculus AB & BC
- AP Statistics

UC A-G: "G" College Prep Electives –

- Business & Marketing



## Co-Curriculars



- Financial Literacy Club
- Robotics Club

