

## Mathematics Recommendations

This chart applies to the following math courses: Algebra I, Algebra IH, Intuitive Geometry, Geometry, Geometry H, Applied Algebra II, Algebra II, Algebra II/Trig H, Topics in Modern Mathematics, Mathematics of Personal Finance, Trigonometry/Probability & Statistics H, Pre-Calculus H, Calculus H, AP Statistics, and AP Calculus.

Expectations	Honors and Advanced Placement (College Prep)	Regular Course	Basic Course
In class Note-Taking:	Daily note-taking, key concepts highlighted, teacher directed instruction, notes should include all examples of material, definitions, and in class problems.	Daily note-taking, key concepts highlighted, teacher directed instruction, notes should include all examples of material, definitions, and in class problems.	Daily note-taking, key concepts highlighted, teacher directed instruction, notes should include many examples of material. Notes are checked for accuracy.
Homework:	Daily assignments approximately 45 minutes. Homework time should also include at least 10 minutes of studying.	Daily assignments approximately 30 minutes.	Class time usually given to start. Daily assignments approximately 20 minutes
Participation:	Expected active daily participation	Active daily participation	Active daily participation
Assessment (per week):	Written review of homework. Concept quizzes given often based on homework. Chapter tests and vocabulary quizzes every 2-3 weeks.	Written review of homework. Concept quizzes given often based on homework. Chapter tests and vocabulary quizzes every 2-3 weeks.	Written review of homework. Concept quizzes given often based on homework. Chapter tests every 2-3 weeks. Chapters usually broken up in smaller units.
Attendance:	Attendance is critical to be successful in this class. There is no substitute for daily lectures, teacher led discussions and consistent participation. Class time is used for review of material and homework.	Attendance is critical to be successful in this class. Class time is used for review of material and homework.	Attendance is critical to be successful in this class. Class time is used for review of material and homework.
Maturity/ Responsibility:	Responsible young adult with a good work ethic and a positive attitude. Intrinsically motivated to achieve a deeper understanding of thematic concepts and to gain an in-depth knowledge of the subject matter.	Responsible young adult with a good work ethic and a positive attitude. The student possesses a desire to achieve on a higher level.	Responsible young adult with a good work ethic and a positive attitude.

### AP Key Points:

- Fast-paced- AP course curriculum covered by May
- Geared towards success on the AP exam
- Self-motivated- must read and take notes independently
- The class must be a priority due to the level of difficulty and time required.

AP\* Courses allow students to define their scholarly strengths and weaknesses with a national standard and more clearly compare their academic progress against other students around the country and world.

AP\* and Honors Courses serve as an indicator to college admission officers that students are dedicated and willing to accept challenges in their education.