

Edmond Public Schools

Mathematics Pre-Advanced Placement

Pre-AP Philosophy -

Pre-AP in mathematics is offered in grades 6-11 and provides for the development of a continuum of skill building from one grade level to the next. Pre-AP Mathematics instruction offers an academic choice that exposes students in an early and consistent fashion to essential academic skills, develops higher level analytical thinking and communication skills, and places a greater responsibility on students for academic progress.

Goals of Pre-AP Mathematics

- Rigorous mathematical concepts
- Development of work ethic and habits of mind necessary for students to succeed in future challenging math courses
- High level analytical thinking and communication skills
- Multiple avenues of access whenever students are developmentally ready
- Discipline of perseverance

Who is successful in Pre-AP Mathematics?

- Students who earn A's and B's consistently in core academic classes.
- Students who consistently score proficient or advanced on the OCCT or other standardized assessments.
- Students with a focused work ethic, good study habits, solid citizenship and attendance, and parent guidance and support.
- Students who are able to show more complex, mature thinking skills.
- Students who are independent, self-

motivated learners.

- Students who manage time wisely by prioritizing academics and extra curricular activities.
- Students who recognize when a concept applies, can identify examples, can correctly and efficiently perform the procedures, and constructs physical representations to investigate the concept.
- Students who can use the concept appropriately in modeling mathematical and real-world applications.

Advantages of Pre-AP Mathematics

- Development of student problem solving and thinking skills
- Preparation for ACT/ SAT tests
- Motivation to improve study and communication skills
- Improvement in technology skills
- Challenged and responsible students

Edmond Public Schools Mathematics Options

	Minimum Requirements	College Prep/Work Ready	College Prep/Work Ready Regular	College Prep/Work Ready PreAP	College Prep/Work Ready Advanced
6	6th Math	6th Math	6th Math	6th Math	* PreAP PreAlgebra
7	7th Pre-Algebra	7th Pre-Algebra	7th Pre-Algebra	7th Pre-Algebra	PreAP Algebra I
8	Prep for Algebra	Prep for Algebra	Prep for Algebra	PreAP Algebra I	PreAP Geometry
9	Algebra I	Algebra I	Algebra I	PreAP Geometry	PreAP Algebra II
10	Geometry	Geometry	Geometry	PreAP Algebra II	PreAP Trig/Pre Calc
11	Math of Finance	Intermed Algebra	Algebra II	PreAP Trig/Pre Calc	Calc/ AB or BC
12		Algebra II	Trig/Pre Calc or College Alg. Prep	Reg. Calc or AB or BC Calc or AP Stat	Advanced Calc/ AP Stat/ AP Physics/ AP Comp. Sci/ Concurrent Enrollment

Regardless of what courses are taken in middle school, a student is required to take 3 mathematic courses in high school with content and/or rigor equal to or above Algebra I.

A student not successful in a Pre-AP class may change to a non Pre-AP class of comparable content. Classes for high school credit schedule changes must occur before the drop/add period or at the end of the semester.

**The Advanced Pre AP Curriculum, advised by OAS, combines 7th Grade, 8th Grade, & Algebra 1 standards into a compacted 2 year program. For students to start this program in 6th grade, they must take a proficiency test to skip 6th grade math. The State of Oklahoma requires a 90% on a proficiency exam to skip a grade level content (Approved by State Board of Education on June 24, 1993 with House Bill 1017, Proficiency Based Promotion (PBP) awards credit for students' knowledge in the core curriculum areas). EPS administers a proficiency test to all 5th graders at the end of their 5th grade year so that we can make appropriate placement of these students in the Advanced Pre AP Curriculum.*

The PreAP math student expects to be challenged by both the pace and the depth of the mathematical content. The student understands that knowledge is the goal, which may or may not translate to a high grade. The keys to success in PreAP Mathematics classes are motivation, self-discipline, and academic preparation.

I have read the information above and accept the challenge for inclusion in the Pre-Advanced Placement Mathematics class.

Student Signature: _____ **Date:** _____

Parent Signature: _____ **Date:** _____