

Welcome to 8th Grade Algebra 1 at Metamora Grade School!
Summer Review Information

IMPORTANT INFO => PLEASE READ ASAP!

Mathematics is a discipline that constantly builds on previous knowledge. Students entering 8th Grade Algebra 1 will be expected to recall and apply the material that they learned in 6th and 7th grade math and extend those concepts. To help ensure your success Algebra 1, I have selected lessons on Khan Academy that represent pre-requisite skills for Algebra 1. Some of these units are review of what you have already learned, others will be new.

No later than June 1st, you must go to khanacademy.org/coaches and type in KEEE5JZ6. It's best if you log in to Khan Academy using your school email address. Once logged in to Khan Academy, go to the profile and change your username to your first and last name. On June 1st, you will be assigned to the required lessons and they will appear in your 'Assignments' list. If you join the Khan Academy 'class' later than that date, you may not gain access to the assignments. The lessons are due on Tuesday, August 13. You may watch the videos, read the articles, and take the exercises, quizzes, and tests as many times as you need to.

At the beginning of the school year, there will be a test over this prerequisite material in the first few days of class to help determine your placement and readiness for Algebra 1. However, as an incentive for students to complete the Khan Academy lessons, please see the chart below.

Students who:	will:
Complete all Khan Academy lessons with a perfect score on all unit tests	be exempt from the prerequisite test and will earn 5 points of extra credit.
Complete all Khan Academy lessons with scores between 93% to 99% on all unit tests	be exempt from the prerequisite test and will earn 3 points of extra credit.
Complete all Khan Academy lessons with scores between 85% to 92% on all unit tests	be exempt from the prerequisite test.
Do not complete all Khan Academy lessons or do not score at least an 85% average on all unit tests	have to take the prerequisite test.

If you lose this information, you can print another from the Metamora Grade School Website.

You are required to have a TI-Nspire CX graphing calculator for Algebra 1. Do not purchase the CAS version.

Feel free to contact Mrs. Ernenputsch at aernenpu@mgsredbirds.org

Algebra Khan Academy Lessons

Pre-Algebra Units

Equations, expressions, and inequalities

Exponents, Radicals, and Scientific Notation

Geometry Units

Geometry

- Includes: Angle relationships within parallel lines and transversals, angle relationships within a triangle, Pythagorean Theorem, and volume of cylinders, cones, and spheres

Geometric Transformation