

Welcome to 8th Grade Summer Boot Camp at Metamora Grade School!
Summer Review Information
IMPORTANT INFO => PLEASE READ ASAP!

Mathematics is a discipline that constantly builds on previous knowledge. In order to be eligible to be enrolled in the 8th Grade Algebra 1 class, you need to complete the Boot Camp on Khan Academy. **You must score a minimum of 90% on all unit tests** from the Boot Camp Review Units.

No later than June 1st, you must go to khanacademy.org/coaches and type in PZ69MYVS. 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 Thursday, August 1. You may watch the videos, read the articles, and take the exercises, quizzes, and tests as many times as you need to.

Before school starts, Mrs. Ernenputsch will be contacting you to give you a time to come in and take a placement test. If you score at least a 90% on the placement test, you will be scheduled to take Algebra 1. If you score less than a 90%, you will remain scheduled in an 8th grade math class.

Summer Boot Camp Units

- Negative Numbers (Adding and Subtracting)
- Negative Numbers (Multiplying and Dividing)
- Fractions, Decimals, and Percents
- Geometry (concepts from 7th grade)

In addition to the Boot Camp Units, the following units are prerequisite for the Algebra 1 Class. All Algebra Khan Academy Lessons are due on Monday, August 12.

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

If you are placed in the Algebra 1 class, there will be a test over this prerequisite material. As an incentive for students to complete these 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