



September 2022

## Welcome to Pre-Algebra!

My name is Kyle Paquette and I like to think of learning math as similar to learning a language. Both have patterns and rules that once realized can unlock a new perspective of the world around us. In both contexts, a little knowledge can go a long way, and most importantly, the willingness to try and make mistakes are the key to learning. With that in mind, I hope we can have a year full of discovery and fun!

## Contact Information

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Office Hours: Available by appointment

## What are we learning this year?

This course serves two primary functions: increasing confidence in basic skills and introducing new concepts that will become more prevalent in future math classes. We will start with the Order of Operations, then work our way through manipulating fractions, factors, decimals, percents, proportional relationships, all the way to linear equations and graphing. If time permits, we will also explore the basics of geometry and probability.

## Pre-Algebra Content

The following content indicators and transferable skills will be evaluated throughout this course:

- MATH CI2: Operations and Algebraic Thinking
- MATH CI3: Functions
- MATH CI4: Expressions and Equations
- MATH CI6: Ratios and Proportions
- 5) SELF-DIRECT: Take Responsibility for Learning and Growth
  - 5C) Take Initiative and Responsibility for Learning
  - 5X) Engage with Learning

## **Homework**

Each week you will have three assignments. You will have time to complete the assignments in class, and whatever you don't finish in class should be done for homework on your own time. If you are not able to finish your work by Friday, I will accept late work until the end of the unit (before the test).

**For more on Proficiency, Habits of Work, Late Work, Class Participation, and the Blackbaud reporting tool, please refer to the Middle School Welcome Letter.**