Middle School Math

If you have any questions, please feel free to contact me at jacob.hartman@fnesu.org.

In 6th, 7th and 8th Grade math we utilize the Amplify Desmos online platform as the main source of our standards based curriculum. Desomos utilizes many models and simulations to help students develop their understanding of how and why math concepts work before they practice their accuracy with computing. Desmos is not entirely online, we do many lessons in class utilizing physical models and on paper making tables and graphs. A big part of the curriculum is getting students to engage in academic discourse throughout the learning process. I encourage you to have your student show you some of the lessons that they have been working on and the simulations that are used to help develop their understanding.

Grading: Standards based grades that are on report cards are the priority standards for each grade. These standards are essential to all students in the development of mathematical understanding, problem solving and the ability to access higher level mathematics. A student's scores of Beginning, Approaching, Proficient, or Exceeding are derived from their performance on assessments completed in the classroom. These assessments include but are not limited to summative unit assessments, lesson cool downs and other formative assessments such as interviews, performance tasks, skills practice on other applications, eg. Khan Academy.

FNESU Middle School Curriculum Site Math 6-8

Welcome, Amplify Desmos Math families!

There is a tremendous amount of information about the curriculum available by following the link above. The links below can also be found on that website.

6th Grade Math

Trimester 1

Unit 1: Area and Surface Area

Family Resource

Unit 2: Introducing Ratios

Family Resource

Unit 3: Unit Rates and Percentages

Family Resource

Trimester 2

Unit 4: Dividing Fractions

Family Resource

Unit 5: Decimal Arithmetic

Family Resource

Trimester 3

Unit 6: Expressions and Equations

Family Resource

Unit 7: Positive and Negative Numbers

Family Resource

Unit 8: Describing Data

Family Resource

7th Grade Math

Trimester 1

Unit 1: Scale Drawings

Family Resource

Unit 2: Introducing Proportional Relationships

Family Resource

Unit 3: Measuring Circles

Family Resource

Trimester 2

Unit 4: Proportional Relationships and Percentages

Family Resource

Unit 5: Operations With Positive and Negative Numbers

Family Resource

Trimester 3

Unit 6: Expressions, Equations, and Inequalities

Family Resource

Unit 7: Angles, Triangles, and Prisms

Family Resource

Unit 8: Probability and Sampling

Family Resource

8th Grade Math

Trimester 1

Unit 1: Rigid Transformations and Congruence

Family Resource

Unit 2: Dilations, Similarity, and Introducing Slope

Family Resource

Unit 3: Proportional and Linear Relationships

Family Resource

Trimester 2

Unit 4: Linear Equations and Linear Systems
Family Resource

Unit 5: Functions and Volume
Family Resource

Trimester 3

Unit 6: Associations in Data
Family Resource

Unit 7: Exponents and Scientific Notation
Family Resource

Unit 8: The Pythagorean Theorem and Irrational Numbers
Family Resource