



Math 8

'19-20

What is Math 8? What Will I Learn?

Instructors:

Mrs. Dodd-Nagel
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Phone: 375-6600 x2270

Textbook:

Engage New York
Math 8 Modules

Materials needed:

- ◆ Pencils, colored pencils
- ◆ **TI - 30XIIS calculator**
- ◆ **3-ring binder with folder to hold all projects, quizzes, handouts, notes, etc. with 100 pages of paper**
- ◆ **Earbuds, laptop**

We expect ALL students to do their very best in this course. We must prepare for the **NYS Assessment April 20 – April 27, 2020**. This exam will be rigorous. We (teachers, parents, and students) must work extremely hard in order to do well for the upcoming year. Assessments may be paper or computer based.

Math 8 is a course offered by Allegany-Limestone Middle School. This course covers the Common Core Learning Standards for Math 8 and will be implementing NYS Next Generation Mathematics Learning Standards.

There are five major Domains of the CCLS for Math 8:

ABBR	DOMAIN
NS	The Number System
G	Geometry
SP	Statistics and Probability
EE	Expressions and Equations
F	Functions

Grading Policy: Each quarter grade is based upon cumulative points from homework, quizzes, tests, and projects.

***Final exam is worth 1/5 of your final grade**

8th Grade Team Homework Policy:

All homework assignments are due at the beginning of CLASS in order to get full credit. A LATE assignment (not handed in at the beginning of class, but it is handed in before the chapter test) will only get a maximum of 50% credit. Otherwise, homework cannot be made up.

Topics we will cover:

Exponents
Radicals
Scientific Notation
Proportional Relationships
Algebraic Linear Equations
Systems of Linear Equations
Functions
The Pythagorean Theorem in 2D and 3D
Geometric Transformations
Angle Sum and Exterior Angle of a Triangle
Parallel Lines Cut by a Transversal
Volumes of Cones, Cylinders, and Spheres
Congruency and Similarity
Bivariate Statistics

Student signature below:

Parent signature below:

The BIG 5 Expectations - www.didiwny.com

1. Be honest.
2. Be on time every day.
3. Be ready for work.
4. Be willing to learn.
5. Be a positive influence.

Sign up for Remind!

1. Type the number 81010
2. text @db6fg78
3. Send!