



# Math 8

# '20-21

## What is Math 8? What Will I Learn?

### Instructor:

Mrs. Dodd-Nagel  
ldodd@alcsny.org

### Textbook:

Engage New York  
Math 8 Modules  
(available online)

### Materials needed:

- Earbuds
- Laptop
- Stylus

We must prepare for the **NYS Math 8 Assessment, projected dates May 3 – May 10, 2021**. This exam will be rigorous. We (teachers, parents, and students) must work extremely hard in order to do well for the upcoming year.

Math 8 is a course offered by Allegany-Limestone Middle School. This course covers the Common Core Learning Standards for Math 8. 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:

- ⇒ Homework (1 point)
- ⇒ Quizzes (10 points)
- ⇒ Tests and projects are yet to be determined.

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

### Work and Attendance Policy:

All work will be done in MS Teams using **Class Notebook (One Note)** and will be given a due date. Please make sure your child keeps up with all of their work. **Attendance will be taken every day.** Please make sure your child logs into MS Teams scheduled class meetings everyday (even on remote days).

### Topics we will cover:

Exponents  
Radicals  
Scientific Notation  
Proportional Relationships  
Algebraic Linear Equations  
Systems of Linear Equations  
Functions  
The Pythagorean Theorem in 2D  
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:**

**Email:**

### The Big 5 Expectations - [www.didiwny.org](http://www.didiwny.org)

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

### Virtual Learning Etiquette for MS Teams

1. Find a quiet place.
2. Mute your mic and video. Only use them with teacher's permission.
3. Avoid chats and talking out of turn.
4. All school rules apply in a virtual lesson.