



# Math 8

# '18-19

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

### Instructors:

Mrs. Goodman  
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### Textbook:

Math in Focus -  
Singapore Math C3

by  
Marshall Cavendish

### 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 (or any electronic device that can access the internet).**

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

We expect ALL students to do their very best in this course. We must prepare for the **New York State Math 8 Assessments: April 30 – May 7, 2019**. This exam will be difficult. We (teachers, parents, and students) must work extremely hard in order to do well for the upcoming year.

This year our class will be reviewing some lessons at home through videos downloaded from the instructors' website and lessons from [NYS Math 8 Modules](#).

**Grading Policy:** Each quarter grade is based upon cumulative points from class participation, 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 will only get a maximum of 80% credit.

### 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:

## Classroom Expectations

1. Class will start on time. DO NOT BE LATE!
2. When the instructor talks, you LISTEN! (no talking)
3. When the instructor writes, you WRITE! You will be taking notes...
4. POSITIVE comments only! **We are here to help each other and work together.**
5. ALL work must be done neatly. Can't read it, no credit.
6. SHOW ALL WORK! No work, no credit. (NWNK)
7. Always have required materials with you everyday.
8. Keep classroom clean.
9. Everyone will follow the **Acceptable Use Policy for the School Network and Internet**. Any violation will forfeit time using the computers in the district.
10. Must have book covered at ALL times! The student who is responsible for the book that is not covered will stay after school until the book is covered. Otherwise, the student will be charged for the book.