

More info!



### Helpful Information

Occasionally I will send out reminders about upcoming tests, quizzes, or assignments.

**To receive via text:**

Text @Adv1Math to 81010

**To receive via email:**

Go to [rmd.at/adv1math](http://rmd.at/adv1math)

Students,  
I am excited to have you in class for your last year of middle school! As we prepare for high school, you will be challenged with high academic expectations, encouraged to grow in maturity, and supported as you strive for excellence. Remember to ask questions and learn from your mistakes. Let's make it a great year!

*Ms. Connor  
8<sup>th</sup> Grade Math*

*"It's not that I'm so smart; it's just that I stay with problems longer." Albert Einstein*

### Contacting me:

*E-mail is the most effective way to reach me:*

*[anna.connor@sumnerschools.org](mailto:anna.connor@sumnerschools.org)*

#### The 8 Mathematical Practices

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

T. W. HUNTER

<http://twh.sumnerschools.org>

2101 New Hope Road

Hendersonville, TN 37075

615-822-4720

Fax: 615-264-6036

Items in this syllabus are subject to change based on the needs of the students.



Go BUCS!

Ms. Connor  
2018-2019  
Advanced I  
Math

T. W. HUNTER...

WHERE EXCELLENCE IS A  
TRADITION

T. W. Hunter Middle  
School seeks to empower  
the lives of students by  
inspiring them to LEARN,  
GROW, SERVE, LOVE,  
and COMPETE.

# Classroom Expectations and Important Information

## Grades and Grading Rules

This class will use the point system.

Problem of the Day: 5 – 10 pts weekly

Homework/Classwork: 10 – 20 pts

Quizzes: 40 – 60 pts

Tests: 100 pts

**ALL WORK MUST BE SHOWN ON EVERY ASSIGNMENT TO RECEIVE CREDIT!**

**All assignments must be written in pencil. Some assignments will require a written explanation.**

**As an advanced class, students will be expected to complete daily homework and studying.**

**All work must be turned in on time.**

## Daily Requirements

All students need to bring the following:

Pencils, Erasers, Colored Pencils, Glue Sticks

Binder: Dividers, Notebook Paper, Graph Paper

Composition Notebook (Interactive Notebook)

Textbook, Agenda, and Calculator

We all use MATH everyday!

## Standards and Curriculum

The state of Tennessee adopts a math curriculum for all grades levels. All math courses are fast paced and rigorous in order to better prepare our students for high school and beyond. Below is the general pacing and plan for the year. Advanced students will have a faster pace and more in depth study of the 8<sup>th</sup> grade math standards.

### **Quarter 1**

- Rational and Irrational Numbers
- Pythagorean Theorem
- Transformations
- Geometric Relationships

### **Quarter 2**

- Functions
- Linearity
- Patterns of Association in Bivariate Data

### **Quarter 3**

- Solving Linear Equations
- Systems of Linear Equations
- Exponents and Scientific Notation

### **Quarter 4**

- Volume of Cylinders, Cones, and Spheres
- Compound Probability

## Textbook

This year the students will receive a consumable textbook - Carnegie Learning: Course 3.

**\*\*Watch your email for online textbook information.**

## Absent Work

**STUDENTS** are responsible for getting and completing any make-up work following an absence.

## Google Classroom

Class Codes:

1<sup>st</sup>/2<sup>nd</sup> Period: n8do2j5

5<sup>th</sup>/6<sup>th</sup> Period: w0011x

7<sup>th</sup>/8<sup>th</sup> Period: 59g965s

## Additional Websites

<https://www.khanacademy.org/math/cc-eighth-grade-math>

<https://www.ixl.com>

<http://www.coolmath.com>

<https://www.brightstorm.com>

<https://artofproblemsolving.com/resources>

## State Testing (specific dates TBA)

Students will take a state assessment at the end of April using paper and pencil.

Students will have calculator allowed and calculator prohibited sections on the state assessment at the end of the year.