

Parents and Students,

Welcome to the 2018-2019 school year! I would like to introduce myself. My name is Tanna Atchley and I will be working with students to master mathematical skills, boost confidence and strive for excellence in math.

My teaching career began 15 years ago in Cheatham County. I taught there for 11 years before relocating to Sumner County. Hunter has been wonderful the last 4 years because of the supportive community and hard working students. I am confident my educational background, experience and passion for teaching will provide a positive atmosphere for learning and growth. Let's have a great year!

~ Tanna Atchley

## Communication

From Mrs. Atchley:

- ✓ **Daily:** agenda
- ✓ **Weekly updates:** via email and/or text message with Remind (**Please send an email to Mrs. Atchley** to ensure you receive these reminders of events and assignments.)
- ✓ **Website:** study links and upcoming events

<https://sites.google.com/view/atchley>

\*\*The bulk of my communication will be via email. Occasionally, I will send a reminder of assessments or study links via text. You can sign up by texting the following message.



**How do I reach Mrs. Atchley?**

Email: [tanna.atchley@sumnerschools.org](mailto:tanna.atchley@sumnerschools.org)

Phone: 615-822-4720

**Mrs. Atchley**  
**8<sup>th</sup> grade Math**  
**T.W.Hunter**



## Classroom Expectations

### Classroom Rules

- Follow all directions
- Bring all materials
- Be on time
- Take care of needs at the appropriate times
- Keep hands, feet, objects and inappropriate words to yourself

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### Guidelines for New Water Stations (School wide)

- Students may only have water during the day except for lunch
- Bottles must be see-through
- Lids must snap, lock or screw on
- Containers cannot be metal or glass
- Straws that separate from the bottle are not permitted
- Water fill stations are only available between classes and lunch
- No sharing
- No flavor packets

### No Water Zones:

Computer labs  
Band Room  
Library

## Curriculum 8<sup>th</sup> grade

### 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.

### Quarter 1

- Rational and Irrational Numbers
- Pythagorean Theorem
- Transformations: Translations, Reflections, Rotations and Dilations
- Geometric Relationships: Similarity
- Functions

### Quarter 2

- Linear Functions
- Solving Linear Equations
- Systems of Linear Equations

### Quarter 3

- Patterns of Association in Bivariate Data
- Exponents and Scientific Notation
- Volume of Cones, Spheres, and Cylinders

### Quarter 4

- Geometric Relationships: Angle Relationships
- Compound Probability

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

\*\*Watch for an attachment via email on how to setup the textbook online. This will be sent out in the first or second email\*\*

## Assignment Requirements

Students will be expected to complete homework and weekly assignments.

### Weekly

- ✓ Monday, students will be given an assignment that will need to be completed by Thursday. (Assignment is called "Due Thursday")

### Absent/Missing work

- ✓ It is the student's responsibility to check the front board for all missing assignments.

## Grading

Grades are weighted the following way:

- **Weekly Bellwork-15%**
- **Classwork/Homework-25%**  
(includes Due Thursday)
- **Quizzes/Tests-60%**

## What should I bring to class?

- ❖ Calculator TI-30X IIS
- ❖ Composition book
- ❖ Loose notebook paper
- ❖ Loose graph paper
- ❖ Pencils
- ❖ Glue stick
- ❖ Expo marker
- ❖ Highlighters
- ❖ Binder/dividers