

# Mrs. Avink

## Math 7

**This is the first year of implementation of the Common Core State Standards for mathematics. Our topics of study will be tentative and will require students to apply knowledge daily.**

### **1<sup>st</sup> Trimester topics:**

#### **Numeration review**

- Decimal operations review
- Basic Fraction concepts
- Fraction operations (+, -, /, x)

*MEAP test is given in October.*

#### **Basic geometry**

- Area of figures
- Drawing polygons with specifications
- Circumference and area of circles
- 3D prisms, surface area, volume, and applications

### **2<sup>nd</sup> Trimester topics:**

#### **Ratios and Proportions**

- Unit rates
- Similar figures
- Scale drawings

### **Arithmetic with integers**

- Add, subtract, multiply and divide integers
- Absolute value
- Properties of equality

### **3<sup>rd</sup> Trimester topics:**

#### **Expressions and Equations**

- Algebraic expressions
- Distributive property with variables
- Properties of parallel lines
- Solving equations and inequalities by adding or subtracting
- Solve equations and inequalities by multiplying or dividing
- Solving two-step equations and inequalities
- Writing and solving equations and inequalities for word problems

#### **Statistics** (as time allows)

- Lists, tables, tree diagrams, simulation, bag pulls, etc.
- Games of chance and probability

Please contact me by the following methods:

Email: [tavink@gpsbulldogs.org](mailto:tavink@gpsbulldogs.org)

Phone: 254-6662

Conference hour: 7<sup>th</sup> hour 1:50-2:39

### **General reminders:**

- Math help will be offered after school one day a week from 2:45-3:30 and once a week during my lunch hour. (B lunch) All times will be posted in the classroom.
- Grade updates are usually provided for students the last day of the school week. They are then posted in the classroom.
- Please conference with your student regarding missing work *prior* to emailing or phoning to check on the status. It is your student's responsibility to maintain their math work completion.
- Any late work will be noted in Infinite Campus with a point value of 0.5 out of 5. A label of "late" will also apply.
- Daily work/assignments must have all work shown, be reasonably correct, and all problems must be attempted in order to receive full credit. Work must be completed *before* entering class.
- Students must be prepared daily with the following: Math binder, pencil, textbook, completed assignment, math folder, and scientific calculator.

Phone number: 254-6662

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- Lesson checks are given regularly and are 3-5 questions in length. The problems resemble questions from homework assignments and students are allowed to use their notes. There is usually a time limit on lesson checks.
- Please visit my teacher webpage for upcoming assignments, tests, and extra copies of worksheets.
- My webpage is:  
<http://mrsavink.weebly.com/>
- As part of my professional interests, I will be allowing Teacher Assistants from local colleges to work with me in the classroom. As part of their educational training, they will be required to create and instruct a unit of study.
- *Thank you for allowing me to teach your child this school year!*