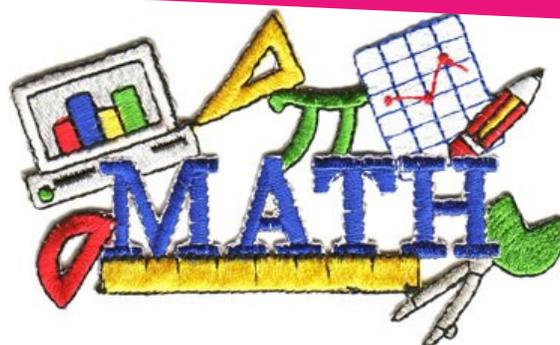


2016 - 2017

## Syllabus and Expectations

# Mrs. Moore



**Textbook and  
online Resources  
available**

**my.hrw.com**

- **UserName:** mistimoore
- **Password:** Math2016!

**Course Description:** 6th Grade math will encompass an in-depth study of problem solving focusing on real life application of mathematical practices.

### Numbers System Fluency

Division and multiplication with standard algorithm  
Add, subtract, multiply and divide with decimals  
Greatest Common Factor and Least Common Multiple  
Compute with fractions and mixed numbers (unlike denominators)  
Equivalent fractions, decimals, and percent  
Factor sums and difference with the Greatest Common Factor

### Rate, Ratio, and Proportional Reasoning

Understand ratio concepts and reasoning to solve problems  
Understand unit rate (unit pricing and constant speed)  
Make tables with equivalent ratios  
Understand percent and solve problems involving percent (per 100)  
Convert measurement units

### Expressions

Read, write and evaluate numerical and algebraic expressions  
Identify parts of an expression  
Evaluate expressions at specific values for their variables  
Apply properties to of operations to create equivalent expressions  
Identify when two expression are equivalent

### One-Step Equations

Use variables to represent numbers and write expressions when solving a real-world or mathematical problem  
Solve one step equations by using inverse operations  
Write an inequality to represent a constraint or condition in real-world or mathematical problem  
Use variables to represent two quantities that change in relationship with one another ( independent and dependent variables)

### Geometry

Find the area of triangles, special quadrilaterals and composite figures  
Find the volume of a right rectangular prism  
Represent 3D figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures.

### Statistics

Recognize a statistical question  
Recognize measures of center and variation  
Create dot plots, histograms, and box plots

### Rational Exploration: Numbers and their Opposites

Understand that positive and negative numbers are used together to describe quantities have opposite directions or values  
Understand a rational number as a point on the number line.  
Understand ordering and absolute value of rational numbers  
Solve real-world and mathematical problems by graphing ordered pairs in all four quadrants of the coordinate plane  
Draw polygons in the coordinate plane given coordinates for the vertices

## GRADING WEIGHTS

FORMATIVE	60%
SUMMATIVE	40%
TOTAL	100%

**\*FORMATIVE INCLUDES CLASS WORK, PARTICIPATION, QUIZZES, ETC.**

**\*SUMMATIVE INCLUDES CHAPTER AND UNIT TESTS**

## Class Materials

<input type="checkbox"/>	Composition notebook
	Loose-leaf paper
	Pencils
	Erasers
<input type="checkbox"/>	Scissors
	Glue sticks
	Colored Pencils
	1" binder or 2 pocket folder
<input type="checkbox"/>	



## Interactive Notebook

Students will be responsible for keeping an interactive notebook this year. We will be taking notes, completing example problems and keeping up with important vocabulary terms in this notebook. Students will need to have it with them everyday as it will be a great resource for them.

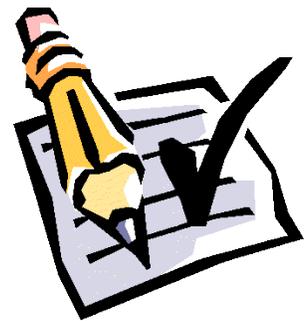
## Returned Tests / Test Corrections

Student tests will be returned to students as quickly as possible. Students will be given an opportunity to make corrections to missed questions. I will award half of the deducted points back for each correction made if the students show work or explain what the correct answer should be.

**No points will be awarded without showing work/explanation.**

**NO changes should be made to the original test.** Corrections are to be complete on a separate page and stapled to the original test.

Corrections will not be accepted after the assigned due date.



## Expectations

- Classroom Procedures and Behavior
- Arrive on time, passes required for late entry.
- Enter the room in a quiet orderly manner, if the teacher is not present wait quietly in the hall.
- Be prepared with all necessary materials and supplies(you may not return to your locker).
- Be respectful of your teachers and classmates, listen and be considerate.
- Be supportive of others in what you say and do.
- Complete and turn in all assignments on time.
- Clean up after yourself, throw out trash and return manipulatives.
- Ask questions anytime!

## Make Up Work

We will follow the county guideline for make up work.

Students have 5 days after returning from on absence to ask for their make-up work, complete it, and turn it in.



## Teacher / Parent/ Student Communication

**Google Classroom** – each student will have a login (Shared documents, due dates, assignments, handouts, links)

**Remind App** – Parents and students can download the Remind app for reminder texts of important dates and events. To sign up text @math6ss to 81010

**Email** - [mistimoore@pickenscountyschools.org](mailto:mistimoore@pickenscountyschools.org)

**Phone** – 706 253-1830

# Resources!

Moby Max—All students will receive login information. This math program assesses each student's needs and assigns lessons targeting their weakness. Students can login at home for additional practice.

[www.mobymax.com](http://www.mobymax.com) or download the app

Quizlet—Students will be assigned vocabulary practice on Quizlet. They will be given in class time to practice, but this will also be available at home.

[www.quizlet.com](http://www.quizlet.com) or download the app

Holt Textbook and online resources

[my.hrw.com](http://my.hrw.com) (do not use the www)