



## Math 7 Class Expectations 2010-2011

Silver Spring International Middle School

301-650-6544

**Welcome to Math 7!** You will build on all you learned in previous mathematics classes to extend your mathematical proficiency through your work with rational numbers, proportional reasoning, measurement, and data analysis. You will continue the development of a deep understanding of important algebraic and geometric concepts as well as mathematical ways of thinking.

Teacher: \_\_\_\_\_ Email: \_\_\_\_\_  
 Co-Teacher: \_\_\_\_\_ Email: \_\_\_\_\_

### UNITS OF STUDY

Unit	Title	Enduring Understandings	End of Unit Assessment Opportunity
1	Data Analysis	<ul style="list-style-type: none"> <li>The analysis and interpretation of data depends on the type of display.</li> <li>Graphical representations and statistical measures can be used to make interpretations and predictions about real world situations.</li> </ul>	Sept. 30 – Oct. 13
2	Algebraic Relationships	<ul style="list-style-type: none"> <li>Exponential and scientific notation are efficient ways of expressing numbers.</li> <li>Integers have magnitude and direction.</li> <li>Algebraic representations generalize patterns and relationships.</li> </ul>	Jan. 7 – Jan. 21
3	Geometric Relationships	<ul style="list-style-type: none"> <li>Constructions are based on properties of geometric figures.</li> <li>Line and angles relationships represent aspects of the world we inhabit.</li> </ul>	Feb. 25 – Mar. 4
	<b>MSA</b>	<b>March 7 - 16</b>	
4	Proportional Reasoning	<ul style="list-style-type: none"> <li>A ratio is a multiplicative comparison of two quantities.</li> <li>Proportional reasoning involves comparisons of the relationships among ratios.</li> </ul>	April 8 – April 29
5	Functional Relationships	<ul style="list-style-type: none"> <li>Functional relationships can be expressed verbally, graphically, numerically, and symbolically.</li> <li>Functions are used to solve real world problems.</li> <li>Geometric figures can change position and maintain the same attributes on a coordinate plane.</li> </ul>	May 23 – June 3
6	Measurement	<ul style="list-style-type: none"> <li>The degree of precision in measurements depends on the measurement tool.</li> </ul>	June 10 – June 16
	<b>Final Exams</b>	<b>June 10 - 15</b>	

### COMMUNICATION:

- Mathematics teachers will communicate with students and parents through Edline, progress reports, interims, report cards, the student planner, email, and phone calls as needed.
- The teacher can be contacted through email or phone call. Teachers will respond to all requests within 24 hours.
  - EMAIL:** <http://coldfusion.montgomeryschoolsmd.org/directory/index.cfm?s=dbd&pl=03647>
  - PHONE:** 301-650-6544

**ABSENCES:** It is expected that you will attend class everyday and complete each assignment. In the event of an absence, missing work to be completed will be available the following day. Homework assignments missed because of absences must be completed within two class periods.

### **SUPPLIES NEEDED everyday:**

- two pencils and paper
- Math B textbook (*Glencoe Course 3 Mathematics*)
- calculator

**MATHEMATICS GRADING POLICY 2010-2011****CATEGORIES:**

Your science grade is composed of assignments from these three categories:

- 1) Homework = 10%**                      **2) Formative = 65%**                      **3) Summative = 25%**

- Homework:** *Homework for practice or preparation for instruction may account for a maximum of 10% of the marking period grade. Teachers will use professional judgment to determine the value assigned to partially complete homework. Homework evaluated for learning counts toward the remaining portion of the marking period grade. Teachers determine and communicate the extent to which the two categories of homework count toward the marking period grade.*
- Formative Assessment:** *An assignment that provides information about a student's progress to help make instructional decisions that will improve his/her understandings and achievement levels.*
- Summative Assessment:** *An assignment that determines a student's **mastery** and understanding of information, skills, concepts, or processes.*

**GRADING SCALE:**

<b>A = 90-100 %</b>	<b>Outstanding level of performance</b>
<b>B = 80-89 %</b>	<b>High level of performance</b>
<b>C = 70-79 %</b>	<b>Acceptable level of performance</b>
<b>D = 60-69 %</b>	<b>Minimal level of performance</b>
<b>E = 0-59%</b>	<b>Unacceptable level of performance</b>

**LEARNING SKILLS:**

There are two types of learning skills:

- 1) **Assignment Completion** (completing homework and class work)
- 2) **Participation** (asking questions, giving ideas, using feedback, engaging in learning)

**LATE WORK AND MISSING WORK:**

- Each assignment will have a **due date**. This is the date by which you are expected to submit the assignment.
- The **deadline** is the last day an assignment will be accepted for a grade.
- Work turned in after the due date and by the deadline will be lowered no more than **one letter grade or 10% of the grade**.
- Work submitted after the deadline will be recorded in the grade book as a **zero** and cannot be made up.
- For some assignments, such as homework, the due date and deadline may be the same.

**RETEACHING and REASSESSING:**

- There will be at least **one reassessment** opportunity per unit as determined by the teacher.
- The reassessment must be taken within the same unit of study as the original assignment.
- Final assessments for a unit **may not be retaken** (this includes final research reports, essays, or culminating projects).
- **In order to be reassessed on an assignment, the student MUST:**
  - Complete the original assignment;
  - Complete any other required assignments;
  - Complete any re-teaching or relearning activities determined by the teacher.
- The reassessment grade will **replace** the original grade.

**JAGTIME**

- Students may complete late work, missing work, or reassess assignment during JagTime.
- JagTime may be used to assess indicators already taught or to extend learning.
- JagTime should **NOT** be used for assigning of new assessments or teaching of new content.

**EXTRA CREDIT:**

There will be no extra credit.