



Investigations into Mathematics Class Expectations 2010-2011

Silver Spring International Middle School

301-650-6544

Teacher: _____

Email: _____

UNITS OF STUDY

Unit	Title	Enduring Understandings	End of Unit Assessment Opportunity
1	Statistical Applications and Set Theory	<ul style="list-style-type: none"> Graphical representations and statistical measures influence interpretations and predictions about data. Relationships can be represented using set theory. Real numbers are either rational or irrational. 	Oct. 8 – Oct. 20
2	Real Number Systems	<ul style="list-style-type: none"> Operations with real numbers can be used to solve problems. Proportional situations involve multiplicative relationships. 	Dec. 3 – Dec. 14
3	Investigation of Geometry	<ul style="list-style-type: none"> Geometric figures are constructed and transformed while maintaining proportional attributes. Relationships exist among the angles, sides, lengths, perimeters, areas, and volumes of geometric figures. 	Jan. 13 – Jan. 21
4	Patterns, Relations, and Functions	<ul style="list-style-type: none"> Patterns and relationships can be represented graphically, numerically, symbolically, and verbally. 	Feb. 25 – Mar. 8
MSA		March 7 - 16	
5	The Language of Algebra	<ul style="list-style-type: none"> Generalizations of patterns and relationships can be expressed symbolically using equations and variables. Linear relationships are characterized by a constant rate of change. 	April 6 – April 27
6	Other Operational Systems	<ul style="list-style-type: none"> Other number bases and operational systems are useful. 	May 20 – May 31
7	Probability	<ul style="list-style-type: none"> The interaction of events affects probability. 	June 10 – June 15
Final Exams		June 10 - 15	

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
- IM textbook (*Glencoe Pre-Algebra 2008*)
- Scientific, TI-83 or TI-84 graphing 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:

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

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.