



Math 7 Class Expectations 2008-2009

John T. Baker Middle School

301-253-7010

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: _____

UNITS OF STUDY

Unit	Title	Enduring Understandings	End of Unit Assessment
1	Data Analysis	<ul style="list-style-type: none"> The analysis and interpretation of data depends on the type of display. Graphical representations and statistical measures can be used to make interpretations and predictions about real world situations. 	September 23
2	Algebraic Relationships	<ul style="list-style-type: none"> Exponential and scientific notation are efficient ways of expressing numbers. Integers have magnitude and direction. Algebraic representations generalize patterns and relationships. 	December 19
3	Geometric Relationships	<ul style="list-style-type: none"> Constructions are based on properties of geometric figures. Line and angles relationships represent aspects of the world we inhabit. 	February 6
4	Proportional Reasoning	<ul style="list-style-type: none"> A ratio is a multiplicative comparison of two quantities. Proportional reasoning involves comparisons of the relationships among ratios. 	March 16
	MSA	March 16 - 27	
5	Functional Relationships	<ul style="list-style-type: none"> Functional relationships can be expressed verbally, graphically, numerically, and symbolically. Functions are used to solve real world problems. Geometric figures can change position and maintain the same attributes on a coordinate plane. 	April 29
6	Measurement	<ul style="list-style-type: none"> The degree of precision in measurements depends on the measurement tool. 	June 2
	Final Exams	June 9 - 15	

COMMUNICATION:

- Mathematics teachers will communicate to parents through Edline, progress reports, interims, report cards, the student planner, email, and phone calls as needed.
- You may reach the teacher through email or phone call.

ABSENCES: It is expected that you will attend class everyday and complete each assignment. If you are absent for any reason, your missing work 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 7 textbook (*Glencoe Course 3 Mathematics*)
- calculator