



Math 6 Course Expectations 2008-2009

John T. Baker Middle School

301-253-7010

Welcome to Math 6! 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	Graphing Data and Analyzing Statistics	<ul style="list-style-type: none"> Choices in data collection and representation affect their interpretation and use. 	September 24
2	Fractions, Decimals and Percents	<ul style="list-style-type: none"> Selection of standard measurement tools and units depend on the real world situation. Computational estimations produce approximate results. Multiplication does not always make larger and division does not always make smaller. Fractions, decimals, and percents can be used interchangeably. 	Unit 2AB November 14 Unit 2CD January 16
3	Geometry	<ul style="list-style-type: none"> Relationships exist among the angles, sides, lengths, perimeters, and areas of two-dimensional figures. Geometric figures can change position and maintain the same attributes on a coordinate plane. Geometric relationships exist between two-dimensional and three-dimensional figures. 	March 13
MSA		March 16 - 27	
4	Patterns and Functions	<ul style="list-style-type: none"> Patterns and relationships can be represented graphically, numerically, symbolically, and verbally. Algebraic representations can be used to solve real world problems. 	May 12
5	Probability	<ul style="list-style-type: none"> Probability is the mathematics of chance. Sampling affects the relationship between experimental and theoretical probability. 	June 3
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 6 textbook (*Glencoe Course 1 Mathematics*)
- calculator