



Algebra 1 Course Expectations 2008-2009

John T. Baker Middle School

301-253-7010

Welcome to Algebra 1! You will build on all you learned in your previous mathematics classes to extend your knowledge of patterns and functions.

Teacher: _____

Email: _____

UNITS OF STUDY

Unit	Title	Enduring Understandings	End of Unit Assessment
1	Equations and Inequalities in a Single Variable	<ul style="list-style-type: none"> Functions and their representations are used to model real world relationships. 	September 24
2	Introduction to Functions	<ul style="list-style-type: none"> Functions and their representations are used to model and analyze real-world applications and quantitative relationships. 	October 20
3	Linear Equations and Inequalities in Two Variables	<ul style="list-style-type: none"> Relations and functions can be represented numerically, graphically, algebraically, and/or verbally. Linear functions represent situations involving a constant rate of change. 	December 3
4	Systems of Equations and Inequalities	<ul style="list-style-type: none"> Systems of equations and/or inequalities are used to model and solve real-world problems involving two or more variables. 	January 12
	Midterm Exams	January 20 - 23	
5	Data Analysis and Probability	<ul style="list-style-type: none"> Statistics and probability are used to make inferences and predictions. 	March 5
	MSA	March 16 - 27	
6	Exponents and Polynomials	<ul style="list-style-type: none"> Equivalent forms of algebraic expressions provide different information for solving problems. 	April 23
7	Quadratic and Exponential Functions	<ul style="list-style-type: none"> Non-linear functions have non-constant rates of change. The characteristics of non-linear functions and their representations are useful in solving real-world problems. 	June 5
	Algebra HSA	Monday, May 18	
	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 in your classroom folder. Homework assignments missed because of absences must be completed within two class periods.

SUPPLIES NEEDED everyday:

- two pencils and paper
- Algebra textbook (*Glencoe Algebra 1*)
- TI-83 or TI-84 graphing calculator