Dear Parents,
We are very proud to be your child's math teachers and are looking forward to an exciting and productive year. The following are course descriptions and a copy of our class policies. Please read these carefully. They explain many of our expectations for your child.

7th Grade Core, 7th Grade Honors

In 7th Grade Mathematics students will focus on developing understanding of and applying proportional relationships; developing understanding of operations with rational numbers and working with expressions and linear equations; solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and drawing inferences about populations based on samples.

All 7th Grade Core Curriculum should be included in the 7th Grade Honors Curriculum.

The Honors course includes extra depth and the following additional topics.

Codes Examine the use of mathematics in creating codes
Patterns Recognize and appreciate patterns in nature, art, and mathematics.
Number Bases Understand number systems using different bases and their applications.
Number Systems Research and analyze ancient number systems.

8th Grade Core, 8th Grade Honors

In 8th Grade Mathematics students will focus on formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; and analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

All 8th Grade Core Curriculum should be included in the 8th Grade Honors Curriculum.

The honors course includes extra depth and the following additional topics.

3-D Graphing and Graph Theory Use graphing techniques to model situations that extend beyond the coordinate plane
Fair Division and Apportionment Understand the concepts and applications of fairness and apportionment.
Sets Understand sets and use set notation to communicate mathematical ideas.
Voting Theory Examine different methods of voting.

Homework

Homework must be completed the day it is assigned.

- You should expect homework at least four times each week.

We will accept late assignments each quarter <u>for partial credit only</u>. Homework missed due to illness can be handed in up to **(3)** days after returning to school from the illness without penalty. Exceptions will be made for long term illness.

Students who have a planned absence are responsible for the work they missed while absent. Make-up work will be given upon your return.

Students who have been absent should speak to their teachers and check for assignments posted on their class website.

Testing

Tests and quizzes will be given periodically each quarter. Students are allowed to retake tests or do test corrections (at the teacher's discretion) on the student's *own time*, before or after school. **(The retake test must be taken within one week from the previous try, and only one retake per test. There are no retakes on quizzes or final exams.)**

Grading

Grades are weighted with assessment scores accounting for 70% of the final grade, accelerated math 15% and homework and participation accounting for 15% of the final grade. **There is no extra credit available in math courses**. The grading scale is as follows:

A range: 90-100   B range: 80-89   C range: 70-79   D range: 60-69

Assessments may include tests, quizzes, projects, group presentations, portfolio work, notebooks, etc.

* Grades and assignments will be posted on the district internet grade program. We will try to update grades weekly although late work from absences will not be graded as often. Parents and students should look at the Internet grade program regularly. The program gives valuable information about missing assignments and a student's progress in the class.

Discipline Policies

High citizenship and conduct grades will be awarded to students who contribute positively to the daily activities of the classroom.

3 or more tardies will affect citizenship grade. Sluffing is an automatic unsatisfactory. If a student chooses to interfere with the learning process (disruptive in class), the following consequences will be invoked, as per school policy:

- First time: Warning
- Second time: Teacher-Student conference/Buddy Room. Drop in citizenship grade.
- Third time: Call parents (lunch detention). Drop in citizenship grade.
- Fourth time: Teacher-Parent conference. Drop in citizenship grade.
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• **Note:** Serious problems such as fighting or theft will result in immediate referral to an administrator. Drop in citizenship grade.

Thank you for your support this year,

Hillside Mathematics Department

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Please electronically sign this document by visiting your child's teacher's website.