



# Southern Lehigh School District

Middle School Syllabus

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## 7<sup>th</sup> Grade Math 227 2013-2014

### Course Description:

This course provides students with a framework for success in algebra and geometry. Concepts addressed include the following: fractions, decimals, percents, integers, ratios and proportions, as well as other specific skills meeting Pennsylvania state standards. Through a carefully planned sequence of mathematics topics, student encounters, practice, and extension activities, students will achieve and gain confidence for future success in mathematics.

### Course Content:

Integers and Rational Numbers  
Collecting, Displaying, and Analyzing Data  
Algebraic Reasoning  
Applying Rational Numbers  
Proportional Relationships  
Percents  
Probability  
Geometric Figures  
Measurement and Geometry  
Multi-Step Equations

### Required Textbooks and/or Other Reading/Research Materials

*Mathematics Grade 7 – Common Core Edition* by Bennett, Burger Chard, Hall, Kennedy, Renfro, Roby, Scheer, and Waits. Holt McDougal, 2012.

Students will be granted access to their course's online textbook found at <http://my.hrw.com/>

### Course Requirements:

Students are expected to come to class prepared with all necessary materials and complete all assignments on time. If you are absent for any reason, it is your responsibility to see your teacher for missed work. Please refer to the policy in the student handbook for timelines to make up missed work and tests.

Grade Components/Assessments:

Grades will be based on a combination of homework, tests, quizzes, daily assessments and alternative assessments.

Each marking period is worth 20% of a student's overall grade. The midterm and final exam are each worth 10% of a student's overall average:

Quarter 1	20%
Quarter 2	20%
<b>Midterm</b>	<b>10%</b>
Quarter 3	20%
Quarter 4	20%
<b>Final</b>	<b>10%</b>

Required Summer Reading/Assignments:

None