



Southern Lehigh School District

Middle School Syllabus

7th Grade Math 227 2014-2015

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%
Midterm	10%
Quarter 3	20%
Quarter 4	20%
Final	10%

Required Summer Reading/Assignments:

None