

# 6<sup>th</sup> Grade Math—Syllabus

Term: 2011-2012

**Teacher:** Mrs. Patricia Darrow  
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**Course Description:** This class uses *Saxon 8/7* as the main textbook. The students will begin with a review of place value, the four basic operations, fractions, and percents. The next several lessons emphasize problem-solving skills as the students solve word problems. The class will cover the U.S. Customary System, polygons, perimeter, area, volume, circles, and angles. As the year progresses, we will use the four operations with decimals and fractions, study ratios, proportions, order of operations, quadrilaterals, and introduce scientific notation. At the end of the course the students will begin solving and graphing equations and inequalities. In addition to the textbook, we will use various resources and manipulatives to hone problem-solving skills and to help students better understand mathematical relationships.

**Textbook:** *Saxon 8/7* textbook

**Supplies:** Notebook with loose-leaf paper  
12” ruler with inch and centimeter markings  
Several #2 pencils and erasers (NO PENS)  
Red pen or pencil for corrections  
Clear plastic protractor  
Compass  
Graph paper

**Evaluation:**

Tests	50%
Quizzes	30%
Homework	15%
Participation	5%

## Weekly Schedule

Calendar	Lessons
August 18-19	1
August 22-26	2-5
August 29-September 2	6-9
September 6-9	10, review, test 1
September 12-16	11-14
September 19-23	15-18
September 26-30	Review, test 2, 19, 20

October 3-6	21-23
October 10-14	24-25, review
October 17-21	Test 3, investigations 1-3
1 <sup>st</sup> quarter ends	
October 24-28	26-29
October 31-November 4	Review, test 4, 30-31
November 7-10	32-34, review
November 14-18	Test 4, 35-37
November 21-22	38-39
November 28- December 2	40-42, review, test 5
December 5-9	43-46
December 12-16	47-48, review, test 6
January 2-6 (2012)	49-52
January 9-13	Review, test 7, investigations 4-6
2 <sup>nd</sup> quarter ends	
January 17-20	53-55
January 23-27	56-59
January 30-February 3	Review, test 8, 60
February 6-10	61-63
February 13-16	64-66
February 21-24	Review, test 9, 67
February 27-March 2	68-71
March 5-9	72-74, review
March 12-15	Test 10, investigations 7-9
3 <sup>rd</sup> quarter ends	
March 19-23	Cumulative review, standardized testing
March 26-March 30	75-78
April 2-8	Easter Break
April 10-13	79-80, review, test 11
April 16-20	81-84
April 23-27	85-88
April 30-May 4	89-90, review, test 12
May 7-11	Investigations 10-12
May 14-18	91-94
May 21-25	95-98
May 29-June 1	99-100, review, test 13