Saxon Math 6/5

Class Description:
Saxon mathematics is based on the principle of developing math skills incrementally and reviewing past skills daily. It also incorporates regular and cumulative assessments.
Each of the 120 daily lessons includes warm-up activities, teaching of the new concept, and practice of new and previous material.
In Saxon 6/5, the student will work on place value, multiplication up to 3 digits, decimals, mixed numbers, fractions, quadrilaterals, averages, geometry, and so on.

Learning Materials: Main Curriculum:
Saxon Math 6/5 Solutions Manual
Saxon Math 6/5, 3rd Edition
Saxon Math Homeschool 6/5: Tests and Worksheets

Learning Goals/Performance Objectives: 5.1.A Represent multi-digit division using place value models and connect the representation to the related equation.
5.1.B Determine quotients for multiples of 10 and 100 by applying knowledge of place value and properties of operations.
5.2.A Represent addition and subtraction of fractions and mixed numbers using visual and numerical models, and connect the representation to the related equation.
5.2.D Determine the greatest common factor and the least common multiple of two or more whole numbers.
5.2.E Fluently and accurately add and subtract fractions, including mixed numbers.
5.3.A Classify quadrilaterals.
5.3.C Identify, describe, and classify triangles by angle measure and number of congruent sides.
5.3.F Determine the perimeters and areas of triangles and parallelograms.

Learning Activities: The student will complete approximately 13-14 lessons each month. Every 10th lesson is an investigation, and after every 5 lessons there is an assessment. The student will also do timed tests and any worksheets/activities that go with the lessons. The student will learn a new aspect of a skill in each lesson and then the rest of the lesson will review previous lessons so that the concepts become solid.

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LESSON 7 Writing and Comparing Numbers Through
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LESSON 8 Subtraction Facts • Fact Families
LESSON 9 Practicing the Subtraction Algorithm
LESSON 10 Missing Addends
INVESTIGATION 1 Story Problems
LESSON 11 Story Problems About Combining
LESSON 12 Lines • Number Lines • Tally Marks
LESSON 13 Multiplication as Repeated Addition •
Adding and Subtracting Dollars and Cents
LESSON 14 Missing Numbers in Subtraction
LESSON 15 Making a Multiplication Table
LESSON 16 Story Problems About Separating
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LESSON 23 Recognizing Halves
LESSON 24 Parentheses • Associative Property
LESSON 25 Listing the Factors of Whole Numbers
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LESSON 27 Reading Scales
LESSON 28 Measuring Time
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LESSON 30 Interpreting Pictures of Fractions and Percents
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Progress Criteria/Methods of Evaluation: For successful completion of this course, the student will complete at least 70% of the lessons/goals, at a minimum of 70% accuracy.

September Complete Lessons 1 – 14
October Complete Lessons 15 – 28

November Complete Lessons 29 – 42
December Complete Lessons 43 – 56
January Complete Lessons 57 – 70
February Complete Lessons 71 – 84
March Complete Lessons 85 – 98
April Complete Lessons 99 – 112
May Complete Lessons 113 – 120
June Review