

Third Grade Saxon Math

Box 1: Class Description

This year-long course covers the third grade math content noted below. Weekly certificated contact will be completed through direct personal contact with an HQ/certificated teacher in an on-site HC class. At least one state standard will be covered in this course.

Box 2: Learning Materials

The curriculum, books, supplies, materials, web-sites, and other sources used for this course are the Saxon Grade Three Math Program.

(Make additions as you see fit.)

Box 3: Learning Goals/Performance Objectives

The schedule of month-by month learning goals below, will likely not be exactly adhered to by the student. The schedule is approximate. Monthly coverage of these goals will vary according to the student's strengths and interests. The clear goal, however, is coverage of all of the goals below, by the end of the school year.

Third Grade Saxon Math

SEPTEMBER: Section 1: Lessons 1-10 2-Digit Numbers & Place Value, Elapsed Time, Data Collection & display, odd & even numbers Section 2: Lessons 11-20 Mental Computation, Addition & Subtraction, parts of a whole, geometric attributes, polygons

OCTOBER: Section 3: Lessons 21-30 Writing fractions, number patterns, thermometers Section 4: Lessons 31-40 Measuring Length with Centimeters, Collecting data, bar graphs, story problems, number sentences

NOVEMBER: Section 5: Lessons 41-50 Multiplication as Repeated Addition, Perimeter, Formula for Perimeter, Types of Triangles, Sum of 2-Digit Numbers, Multiply by 10, Mental Computation

DECEMBER: Section 6: Lessons 51-60 Multiplication with Equal Groups, Dividing with Equal Groups, Measure to Half Inch, Draw Pictures for Multiplication & Division Section 7: Lessons 61-70 Fractions-Part of a Set, Numerator/Denominator, Square Numbers, Symbols For Missing Numbers, Number Sentences

JANUARY: Section 8: Lessons 71-80 Add & Subtract Fractions Using Models, Money as Fractions & Decimals, Using Data to Make Predictions

FEBRUARY: Section 9 Lessons 81-90 Measure in Feet, Yards, Meters, Relate Units of Measure, Area of Rectangles, Arrays, Relating Multiplication & Division

MARCH: Section 10: Lessons 91-100 Fractions, Geometric Shapes, Angles of Geometric Figures, Quadrilaterals, Trapezoids, Rectangles

APRIL: Section 11: Lessons 101-110 Periods of a Number, Place Value, Multiplication & Division Fact Families, Number Sentences, Symbols Represent Missing Addends APRIL to

MAY: Section 12: Lessons 111-114 Measure Length Using Millimeters, Types of Triangles, Angles, Missing Numbers in a Pattern, Function Rules MAY Section 13: Lessons 121-130 Divide 2-Digit Numbers, Measure Using Miles & Kilometers, Map Scales, Unit Costs with Division

JUNE: Section 14: Lessons 131-135 Division with Remainders, Fractions & Decimals, Pictures to Represent Fractions & Decimals, Mental Math and Estimation, Problem Solving Strategies

Box 4: Learning Activities

Each day the student will complete a math lesson. They will have a new lesson/concept/learning explained, demonstrated/taught. They'll complete practice problems to ensure understanding of content. They will have independent practice/homework over those concepts. They will re-do and correct any which they missed. When review is needed, we'll not learn a new concept but take the time needed to re-teach or reinforce needed concepts.

(Make additions or deletions as you see fit.)

Box 5: Progress Criteria/ Methods of Evaluation

Student monthly progress evaluation is made on the basis of weekly certificated contact, work samples, communications with students, communications with parents, and performance in on-site classes. It is electronically communicated to parents via WINGS. It is our goal that the student will accomplish approximately 10% of the goals of this course each month, September through June. The level of mastery expected is 70% or higher to progress. Methods of evaluation will include but are not limited to those below, under the direction of an HQ teacher:

- * observation and/or correction of daily and/or weekly work and progress
- * daily or weekly discussion of assignments, readings, writings
- * correction of work done incorrectly
- * portfolio kept of student work, at least weekly

(Make additions or deletions as you see fit, to asterisks.)

Box 6: Weekly Hours

Please estimate the number of hours your student will work on this course.