



Course Description - Saxon Math 6/5

Saxon Math 6/5 covers concepts such as: the order of operations; geometry and measurement; integers; divisibility concepts; ratios; statistics and probability; prime and composite numbers; patterns and sequences; and powers and roots. Students will specifically learn about making a multiplication table, adding/subtracting fractions with a common denominator, multiplying by multiples of 10 and 100, perimeter, simple probability, decimal parts of a meter, reciprocals, volume, square roots, graphing points on a coordinate plane, and more. (120 Lessons plus 12 Investigations)

Table of Contents – Saxon Math 6/5

Lesson	Title
1	Sequences
2	Even and Odd Numbers
3	Using Money to Illustrate Place Value
4	Comparing Whole Numbers
5	Naming Whole Numbers through hundreds/Dollars and Cents
6	Adding One-Digit Numbers/Using the Addition Algorithm
7	Writing and Comparing Numbers Through Hundred Thousands/Ordinal Numbers
8	Subtraction Facts/Fact Families
9	Practicing the Subtraction Algorithm
10	Missing Addends
Investigation 1	Story Problems
11	Story Problems about Combining
12	Lines/Number Lines/Tally Marks
13	Multiplication as Repeated Addition/Adding and Subtracting Dollars and Cents
14	Missing Numbers in Subtraction
15	Making a Multiplication Table
16	Story Problems about Separating
17	Multiplying by One-Digit Numbers
18	Multiplying Three Factors/Missing Numbers in Multiplication
19	Division Facts

20	Three Ways to Show Division
Investigation 2	Fractions: Halves, Fourths, Tenths
21	Problems about Equal Groups
22	One-Digit Division with a Remainder/Divisibility by 2, 5 and 10
23	Recognizing Halves
24	Parentheses/Associative Property
25	Listing the Factors of Whole Numbers
26	Division Algorithm
27	Reading Scales
28	Measuring time, part 1
29	Multiplying by Multiples of 10 and 100
30	Interpreting Pictures of Fractions and Percents
Investigation 3	Fractions Thirds, Fifths and Eighths
31	Pairs of Lines
32	Angles/Polygons
33	Rounding Numbers Using a Number Line
34	Division with Zeros in the Quotient
35	Problems about Comparing/ Problems about Elapsed Time
36	Classifying Triangles
37	Drawing Pictures of Fractions
38	Fraction and Mixed Numbers on a Number Line
39	Comparing Fractions by Drawing Pictures
40	Pictures of Mixed Numbers/Writing Quotients as Mixed Numbers, Part 1
Investigation 4	Measuring Angles
41	Adding and Subtracting Fractions with Common Denominators
42	Short Division/Divisibility by 3, 6 and 9
43	Writing Quotients as Mixed Numbers, Part 2/ Adding and Subtracting Whole Numbers, Fractions and Mixed Numbers
44	Measuring Lengths with a Ruler
45	Classifying Quadrilaterals
46	Stories about Fraction of a Group
47	Simplifying Mixed Measures
48	Reading and Writing Whole Numbers in Expanded Notation
49	Solving Two-Step Word Problems
50	Finding an Average
Investigation 5	Organizing and Analyzing Data
51	Multiplying by Two-Digit Numbers
52	Naming Numbers through the Hundred Billions
53	Perimeter/ Measures of a Circle
54	Dividing by Multiples of 10
55	Multiplying by 3 Digit Numbers

56	Multiplying by Three-Digit Numbers That Include Zero
57	Simple Probability
58	Writing Quotients as Mixed Numbers, Part 3
59	Fractions Equal to 1/Subtracting a Fraction from 1
60	Finding a Fraction to Complete a Whole
Investigation 6	Performing Probability Experiments
61	Using Letters to Identify Geometric Figures
62	Estimating Arithmetic Answers
63	Subtracting a Fraction from a Whole Number Greater than 1
64	Using Money to Model Decimal Numbers
65	Decimal Parts of a Meter
66	Reading a Centimeter Scale
67	Writing Tenths and Hundredths as Decimal Numbers
68	Naming Decimal Numbers
69	Fractions of a Second/Comparing and Ordering Decimal Numbers
70	Writing Equivalent Decimal Numbers/Writing Cents Correctly
Investigation 7	Pattern Recognition
71	Fractions, Decimals and Percents
72	Area Part 1
73	Adding and Subtracting Decimal Numbers
74	Converting Units of Length
75	Changing Improper Fractions to Mixed Numbers
76	Multiplying Fractions
77	Converting Units of Weight and Mass
78	Exponents and Powers
79	Finding Equivalent Fractions by Multiplying by 1
80	Prime and Composite Numbers
Investigation 8	Displaying Data
81	Reducing Fractions, Part 1
82	Greatest Common Factor (GCF)
83	Properties of Geometric Solids
84	Mean, Median, Mode and Range
85	Converting Units of Capacity
86	Multiplying Fractions and Whole Numbers
87	Using Manipulatives and Sketches to Divide Fractions
88	Transformations
89	Finding a Square Root
90	Reducing Fractions, Part 2
Investigation 9	Line Graphs
91	Simplifying Improper Fractions
92	Dividing by Two-Digit Numbers

93	Comparative Bar Graphs
94	Using Estimation When Dividing by Two-Digit Numbers
95	Reciprocals
96	Using Reciprocals to Divide Fractions
97	Ratio
98	Negative Numbers
99	Adding and Subtracting Whole Numbers and Decimal Numbers
100	Simplifying Decimal Numbers
Investigation 10	Graphing Points on a Coordinate Plane
101	Rounding Mixed Numbers to the Nearest Whole Numbers
102	Subtracting Decimal Numbers Using Zero
103	Volume
104	Rounding Decimal Numbers to the Nearest Whole Number
105	Symmetry
106	Reading and Ordering Decimal Numbers Through Ten-Thousandths
107	Using Percent to Name Part of a Group
108	Schedules
109	Multiplying Decimal Numbers
110	Multiplying Decimal Numbers: Using Zeros as Placeholders
Investigation 11	Scale Drawings
111	Multiplying Decimal Numbers by 10, by 100, and by 1000
112	Finding the Least Common Multiple of Two Numbers
113	Writing Mixed Numbers as Improper Fractions
114	Problems with No Solutions or Many Solutions
115	Area, Part 2
116	Finding Common Denominators to Add, Subtract, and Compare Fractions
117	Dividing a Decimal Number by a Whole Number
118	Using Zero as a Placeholder/Dividing Decimal Numbers by 10, by 100 and by 1000
119	Dividing by a Decimal Number
120	Multiplying Mixed Numbers
Investigation 12	Tessellations