

Math 3

Text:	Saxon (1997). <i>Saxon Math 3</i> , Saxon Publishers: Norman, OK.
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Supplemental Materials:	Saxon materials and manipulatives
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Course Description:	Saxon math 3 is a course designed to challenge students through instruction and design based on mathematical concepts and skills. Students in this course will build on prior knowledge. New learning is presented in increments; with time provided between increments for practice. The integration of faith will be woven into the classroom each day.
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Methods of Evaluation:	Students can be evaluated through tests, daily practice sets, weekly 100 problem timed tests, homework problem sets and/or any other form of evaluation instrument the instructor finds applicable to the course.
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Pace of Instruction:	First Semester: Lesson 1 - 75 Second Semester: Lesson 76 - 140
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Course Objectives:	<p>At the end of this course students should be able to:</p> <ol style="list-style-type: none"> 1. Memorize all addition, subtraction, multiplication, and division math facts 2. Complete with 80% accuracy timed tests on all math facts 3. Tell time to the hour, half hour, quarter hour, five minute intervals, and to the minute 4. Create a graph and then graphs data on a bar graph, line graph, and pictograph using a variety of scales 5. Use a ruler to measure to the nearest inch, half inch, quarter inch, centimeter, and millimeter 6. Identify and measure the length and width of a rectangle 7. Order numbers to 100 8. Identify even and odd numbers and perfect squares 9. Identify, act out, and draw pictures for some, some more; some, some went away; equal groups; and missing addend story problems 10. Identify the relative worth of pattern blocks and makes a design with a given value 11. Divide squares into two, three, four, and eight equal parts and shades the halves, thirds, fourths, and eighths 12. Count quarters, dimes, nickels, and pennies 13. Add and subtract multiples of 10 and 100 to and from a number 14. Read and shade a thermometer to the nearest degree in degrees Celsius and Fahrenheit 15. Round numbers to the nearest 10 and 100 16. Identify polygons 17. Rewrite numbers by regrouping tens and ones 18. Identify the meaning of the multiplication sign
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19. Identify a dozen and a half dozen
20. Write fractions using the fraction bar and writes fraction number sentences that equal one
21. Write money amounts using the \$ and cent symbols
22. Construct a number line
23. Draw congruent line segments in inches and centimeters
24. Find half of a set of objects
25. Collect and tally data
26. Identify a.m. and p.m.
27. Identify missing digits
28. Identify the freezing and boiling points of water and normal body temperature in Celsius and Fahrenheit
29. Identify horizontal, vertical, and oblique line segments
30. Add three or more single digit numbers
31. Add three or more two- and three-digit numbers
32. Name and draw line segments
33. Write division problems three ways
34. Find perimeter and identifies ways to make the smallest and largest perimeter for a given area
35. Estimate the volume of containers and orders the containers by volume
36. Identify cup, pint, quart, half gallon, gallon, and liter containers
37. Read and write numbers to 99,999
38. Use the comparison symbols $<$, $>$, and $=$
39. Locate information on a map
40. Write a part of a set as a fraction
41. Identify hundreds, tens, and ones
42. Write numbers using expanded form
43. Measure with cups, tablespoons, and teaspoons
44. Read and follow a recipe
45. Identify the largest and smallest three digit numbers
46. Show fractional amounts greater than one
47. Write the sizes of pattern block pieces using fractions
48. Add two-digit numbers using mental computation
49. Write three-digit numbers using digits
50. Identify ordinal position to twentieth
51. Write numbers to 99,999 using words
52. Read and write money amounts to \$99,999
53. Write checks for money amounts to \$99,999.99
54. Write the date in three ways including with digits
55. Find square roots
56. Identify the number of days in each month, the year, and a leap year
57. Select coins for a given amount
58. Add money amounts to \$99,999.99 using decimals
59. Find a fractional part of a set
60. Determine age
61. Identify compass directions on a map
62. Estimate and measure distance using feet and yards

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| <ol style="list-style-type: none">63. Subtract two- and three-digit numbers64. Subtract across zeros65. Write three-digit numbers in expanded form66. Multiply numbers by 100067. Find the missing addend for sums of 10068. Make change from \$1.0069. Find the area of a rectangle70. Identify and solve larger, smaller, difference story problems71. Multiply a multiple of 10, 100, or 1,000 by a single-digit number72. Locate negative numbers on a number line73. Multiply a single-digit number times a multi-digit number using the expanded form of a number74. Find the missing dimension of a rectangle75. Act out division stories76. Show addition, subtraction, and multiplication on a number line77. Identify parallel and perpendicular lines and line segments78. Identify a function rule79. Identify the factors of a number80. Identify the prime numbers less than 2081. Multiply using the algorithm82. Determine the appropriate unit of weight in ounces, pounds, and tons83. Estimate weight84. Divide with remainders85. Identify right, acute, and obtuse angles86. Add and subtract fractions with common denominators87. Divide a two-digit or three-digit number by a one-digit number with a quotient greater than 1088. Use a scale to find distance on a map89. Simplify expressions with exponents90. Multiply three or more factors91. Identify lines of symmetry92. Simplify expressions with addition, subtraction, multiplication, division, and parentheses93. Add positive and negative numbers94. Order unit fractions95. Create a coordinate plane and identifies the location of a point on a coordinate plane96. Graph points on a coordinate plane97. Identify numbers using base ten blocks with hundreds, tens, and ones |
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