Saxon *Math K*, *Math 1*, *Math 2*, and *Math 3* Scope and Sequence

	Saxon *Math K*	Saxon *Math 1*	Saxon *Math 2*	Saxon *Math 3*
Numbers and Operations				
Number Sense and Numeration				
Counts by 1's, 5's, and 10's	•	•	•	•
Counts by 2's, 25's		•	•	•
Counts by 100's		•		•
Counts by 3's, 4's			•	•
Counts by 6's, 7's, 8's, 9's, and 12's				•
Counts by 10's from any number		•	•	•
Counts by 5's from any number			•	•
Counts by $\frac{1}{2}$'s and $\frac{1}{4}$'s				•
Counts sets of objects	•	•	•	•
Reads and writes numbers to 31	•	•		
Reads and writes numbers to 100		•	•	
Reads and writes numbers to 1000		•	•	•
Reads and writes numbers to 100,000				•
Compares and orders numbers to 20	•	•		
Compares and orders numbers to 100		•	•	•
Compares and orders numbers to 1,000			•	•
Uses comparison symbols (<, >, =)			•	•
Identifies most, fewest, more, less	•	•	•	•
Identifies how many more or less		•	•	•
Identifies the digits in a number	•	•	•	•
Identifies the value of a digit in a number		•	•	•
Writes numbers using words		•		•
Writes numbers using expanded form			•	•
Rounds to the nearest 10			•	•
Identifies place value to tens		•	•	•
Identifies place value to hundreds		•	•	•
Identifies ordinal position to fourth	•	•		
Identifies ordinal position to sixth		•	•	
Identifies ordinal position to twelfth			•	
Identifies ordinal position to twentieth				•
Identifies doubles	•	•	•	•
Identifies even and odd numbers		•	•	•
Identifies dozen and half dozen		•	•	•
Identifies pairs		•	•	•
Identifies prime and composite numbers				•
Identifies perfect squares and square roots				•
Identifies properties of addition and multiplication		•	•	•
Identifies multiples, factors, products, addends, sums, differences, quotients, dividends, and divisors		•	•	•

	Saxon *Math K*	Saxon *Math 1*	Saxon *Math 2*	Saxon *Math 3*
Identifies numbers and patterns on a hundred number chart		•	•	•
Locates integers on a number line				•
Locates rational numbers on a number line			•	•
Concepts of Whole Number Operations				
Uses concrete and pictorial models for addition and subtraction	•	•	•	•
Uses concrete and pictorial models for multiplication and division	•	•	•	•
Acts out story problems	•	•	•	•
Draws pictures and writes number sentences to solve story problems		•	•	•
Uses mental computation and estimation strategies		•	•	•
Recognizes the relationship between operations		•	•	•
Uses the order of operations to simplify expressions				•
Identifies and writes a function rule				•
Whole Number Computation				
Addition				
Masters basic addition facts		•	•	•
Identifies missing addends		•	•	•
Identifies missing addends for sums of 10		•	•	•
Identifies missing addends for sums of 100				•
Adds multiples of 10 and 100			•	•
Adds 10 to a two-digit number		•	•	•
Adds multiples of 10 to a two- or three-digit number				•
Adds two multi-digit numbers without regrouping		•	•	•
Adds two multi-digit numbers with regrouping		•	•	•
Adds multi-digit numbers using mental computation			•	•
Adds three or more single-digit numbers		•	•	•
Adds three or more multi-digit numbers			•	•
Subtraction				
Masters basic subtraction facts		•	•	•
Identifies and writes addition and subtraction fact families			•	•
Subtracts 10 from a two-digit number		•	•	•
Subtracts multiples of 10 and 100 from a number				•
Subtracts multi-digit numbers with and without regrouping			•	•
Subtracts two-digit numbers using mental computation			•	•
Checks subtraction answers		•	•	•
Multiplication				
Masters basic multiplication facts through 5			•	•
Masters basic multiplication facts 6 through 9				•
Doubles a number			•	

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	Saxon *Math K*	Saxon *Math 1*	Saxon *Math 2*	Saxon *Math 3*
Writes number sentences for arrays			•	•
Identifies missing factors				•
Multiplies multiples of 10, 100, and 1,000 by one- or two- digit numbers				•
Multiplies a multi-digit by a single-digit number				•
Multiplies three or more factors				•
Simplifies expressions with exponents				•
Division				
Divides a set of objects by sharing	•	•	•	•
Divides by 2			•	
Masters basic division facts				•
Identifies three ways to write division				•
Divides a multiple of 10 by 10				•
Divides up to two-digit dividends by one-digit divisors with and without remainders				•
Divides up to three-digit dividends by one-digit divisors with and without remainders				•
Checks answers using multiplication				•
Fractions, Decimals, and Percents				
Identifies half of a whole	•	•	•	•
Divides a shape or solid in half	•	•	•	•
Names and represents fractional parts of a whole	•	•	•	•
Writes part of a set as a fraction				•
Finds half of a set		•	•	•
Finds a fractional part of a set				•
Compares and orders unit fractions				•
Identifies equivalent fractions			•	•
Identifies numerator and denominator			•	•
Represents and writes mixed numbers			•	•
Adds and subtracts fractions and mixed numbers with common denominators				•
Writes hundredths in common and decimal fraction form				•
Labels a number line using common and decimal fractions				•
Integers				
Adds positive and negative numbers				•
Money				
Identifies and counts pennies	•	•	•	•
Identifies and counts nickels	•	•	•	•
Identifies and counts dimes	•	•	•	•
Identifies and counts quarters		•	•	•
Identifies and counts dollars		•		
Shows an amount of money using coins	•	•	•	•
Pays for items using coins	•	•		

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	Saxon *Math K*	Saxon *Math 1*	Saxon *Math 2*	Saxon *Math 3*
Writes money amounts using a $ sign or a ¢ sign	•	•	•	•
Makes change for $1.00				•
Writes checks				•
Geometry and Measurement				
Geometry and Spatial Sense				
Identifies left and right	•	•	•	
Identifies, reads, and extends repeating and continuing shape patterns	•	•	•	
Identifies common geometric shapes	•	•	•	•
Sorts common geometric shapes	•	•	•	
Makes and covers designs using pattern blocks	•	•	•	
Makes and covers designs using tangrams	•		•	
Makes and copies designs on a geoboard	•	•	•	
Identifies congruent shapes and designs	•	•	•	•
Makes and draws congruent shapes and designs	•	•	•	
Draws congruent line segments				•
Identifies similar shapes	•		•	
Makes and draws similar shapes and designs			•	
Names and draws polygons				•
Identifies length and width				•
Constructs and names lines			•	•
Constructs and names line segments		•	•	•
Constructs and names angles			•	
Identifies horizontal, vertical, and oblique line segments			•	•
Identifies and draws parallel and perpendicular lines			•	•
Identifies and draws lines of symmetry			•	•
Identifies angles		•	•	
Identifies right angles			•	•
Identifies acute and obtuse angles				•
Identifies geometric solids		•	•	
Graphs ordered pairs on a coordinate place			•	•
Measurement				
Identifies the appropriate metric or customary unit of measure to use	•	•	•	•
Linear Measure				
Compares objects by length	•	•	•	
Orders objects by length	•	•		
Measures using non-standard units	•	•	•	
Measures and draws line segments to the nearest inch		•	•	•
Measures and draws line segments to the nearest $\frac{1}{2}$ in.			•	•
Measures and draws line segments to the nearest $\frac{1}{4}$ in.				•

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	Saxon *Math K*	Saxon *Math 1*	Saxon *Math 2*	Saxon *Math 3*
Measures and draws line segments to the nearest centimeter		•	•	•
Measures and draws line segments to the nearest millimeter				•
Measures using feet		•	•	•
Measures using feet and inches			•	
Estimates linear measures			•	•
Identifies equivalent customary and metric linear units		•	•	•
Identifies and references distance in miles and kilometers				•
Weight (Mass)				
Compares the weight of objects	•	•	•	
Estimates the weight of objects		•	•	•
Weighs objects using non-standard units		•	•	
Weighs objects using pounds			•	•
Capacity (Volume)				
Compares and estimates the capacity of containers	•	•		•
Finds the volume of containers in cups		•		•
Identifies and uses measuring cups and spoons	•	•	•	•
Identifies quart	•	•		•
Identifies gallon, liter		•		•
Identifies half-gallon, pint				•
Temperature				
Identifies weather		•		
Compares temperatures			•	•
Measures temperature using Fahrenheit			•	•
Measures temperature using Celsius				•
Identifies freezing point, boiling point, and normal body temperature				•
Perimeter and Area				
Compares the size of shapes	•		•	
Orders objects by size	•			
Measures perimeter using inches and centimeters			•	•
Estimates area				•
Measures area using non-standard units			•	•
Measures area using square inches			•	•
Investigates perimeter and area relationships				•
Time and Calendar				
Identifies the day of the week, month, date, and year	•	•	•	•
Identifies yesterday and tomorrow		•		
Identifies weekdays		•	•	
Identifies days of the week and months of the year	•	•	•	•
Identifies morning, afternoon, evening, and night		•		
Identifies seasons	•	•		

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	Saxon *Math K*	Saxon *Math 1*	Saxon *Math 2*	Saxon *Math 3*
Reads and represents time to the hour	•	•	•	•
Reads and represents time to the half hour		•	•	•
Reads and represents time to the quarter hour				•
Reads and represents time to five-minute intervals			•	•
Reads and represents time to the minute				•
Reads and represents time as minutes before the hour				•
Finds elapsed time			•	•
Identifies noon and midnight			•	•
Uses a.m. and p.m.				•
Writes the date using digits			•	•
Identifies relationships between and among minutes, hours, days, weeks, months, and years			•	•
Determines age				•
Data Analysis				
Statistics and Probability				
Identifies a sorting rule	•	•	•	•
Tallies		•	•	•
Organizes and compares data	•	•	•	•
Creates and reads a real graph	•	•		
Creates and reads a pictograph	•	•		•
Creates and reads a bar graph		•	•	•
Creates and reads a line graph			•	•
Creates and reads a Venn diagram			•	•
Writes observations from a graph		•	•	•
Conducts an experiment and records the results			•	•
Conducts a survey			•	•
Locates information on a chart				•
Locates information on a map				•
Identifies compass direction				•
Explores concepts of chance and probability			•	•
Problem Solving				
Identifies the missing number in a sequence		•	•	•
Solves problems using an organized list		•	•	•
Makes a table to solve a problem		•	•	•
Acts out, draws pictures, and writes number sentences to solve story problems	•	•	•	•
Writes story problems				•
Solves spatial problems	•	•	•	•

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