

Saxon Math Planning Guide Grade 5

By the end of each week, all Grade 5 math teachers should be finished with the lessons outlined per week.
Make sure you are teaching a SAXON lesson EVERYDAY.

Dates	Lesson	Course of Study	New Vocabulary		Additional Resources/Websites
Week 1 Aug. 6-8	Rules & Procedures/Benchmark Test1				
Week 2 Aug. 11-15	<ul style="list-style-type: none"> - L1:Sequence/Digits - L2: Even/Odd Numbers - L3: Money to illustrate PV - L4: Comparing Whole Numbers - L5:Naming Whole Numbers/Money 	<ul style="list-style-type: none"> • Concepts of Number Sense (ACOS 1), (CC 3,4) • Solve problems involving operations (ACOS 2) 	<ul style="list-style-type: none"> -Counting -Digit -Sequence -Term -Even/Odd -Half 	<ul style="list-style-type: none"> -Whole number -Expanded form -Place Value -Comparison symbol 	www.math-play.com/place-value-games.html gamequarium.com/placevalue.html Study Island Math Teacher's Ideas
Week 3 Aug. 18-22	<ul style="list-style-type: none"> - L6: Adding Whole Numbers - L7: Writing /Comparing Numbers Through Hundred Thousands Ordinal Numbers - L8: Relationships Between Addition and Subtractions - L9: Practicing Subtraction Algorithm - L10:Missing Addends 	<ul style="list-style-type: none"> • Solve word problems (ACOS 3), (CC 4) • Determine the sums and differences of fractions (ACOS 4), (CC 4) • Identify numbers less than zero (ACOS 5), (CC 6) • Demonstrate the properties (ACOS 6), (CC 10) 	<ul style="list-style-type: none"> -Decimal point -Addend -Algorithm -Commutative property of addition -Identity property of addition -Sum 	<ul style="list-style-type: none"> -Base-ten system -Cardinal numbers -Ordinal Numbers -Difference -Fact family -Subtraction 	www.math-play.com/place-value-games.html http://www.sheppardsoftware.com/mathgames/menus/comparingnumbers.htm Study Island Math Accelerated Math Teacher's Ideas
Week 4 Aug. 25-29	<ul style="list-style-type: none"> - Test 1/Review Day - Investigation 1/Translating and Writing Word Problems - L11:Word Problems About Combining - L12:Lines/Number Lines/Tally Marks - L13: Multiplication as Repeated Addition/Dollars and Cents 	<ul style="list-style-type: none"> • Write a number sentence (ACOS 7), (CC 6) • Identify polygons (ACOS 8), (CC 10) • Construct components of the plane (ACOS 9), (CC 10) • Identify the (ACOS 10), (CC 10) 	<ul style="list-style-type: none"> -equation -combining -equal groups 	<ul style="list-style-type: none"> -separating -formula 	http://www.sheppardsoftware.com/mathgames/menus/comparingnumbers.htm Study Island Math Accelerated Math Teacher's Ideas

<p>Week 5 Sept. 2-5</p>	<ul style="list-style-type: none"> - L14: Missing Numbers in Subtraction -L15: Making a Multiplication Table -Test 2/Review Day -FLEX DAY 	<ul style="list-style-type: none"> • Concepts of Number Sense (ACOS 1), (CC 2) • Solve problems involving operations (ACOS 2), (CC 2) • Identify numbers less than zero (ACOS 5) • Write a number sentence (ACOS 7), (CC 8, 10) 	<ul style="list-style-type: none"> -Geometry -Horizontal -Integers -Line -Line segment -Negative Numbers -Number line -Oblique -Point -Ray -Product -Factors 	<ul style="list-style-type: none"> -Tally Mark -Tick Mark -Vertical -Array -Commutative/ Identity property of Multiplication table -Multiplication table -Property of Zero 	<p>http://www.kidsmathgamesonline.com/numbers/mathdata.html</p> <p>Study Island Math Accelerated Math Teacher's Ideas</p>
<p>Week 6 Sept. 8-12</p>	<ul style="list-style-type: none"> -L16: Word Problems About Separating -L17: Multiplying by One-Digit Numbers -L18: Multiplying Three Factors and Missing Factors -L19: Relationship Between Multiplication and Division -L20: Three Ways to Show Division 	<ul style="list-style-type: none"> • Solve Problems Involving Operations (ACOS 2), (CC 10), (CC 2) 	<ul style="list-style-type: none"> -Expression -Divisible -Division 	<ul style="list-style-type: none"> -Divisor -Quotient -Dividend 	<p>http://www.multiplication.com/games</p> <p>http://www.learninggamesforkids.com/math_division_games.html</p> <p>Study Island Math Accelerated Math Teacher's Ideas</p>
<p>Week 7 Sept. 15-19</p>	<ul style="list-style-type: none"> -Test 3/Review Day -Investigation 2: Fractions: Halves, Fourths, and Tenths -L21: Word Problems About Equal Groups -L22: Division With/Without Remainders -L23: Recognizing Halves 	<ul style="list-style-type: none"> • Solve Problems Involving Operations (ACOS 2), (CC 8), (CC9) 	<ul style="list-style-type: none"> -Denominator -Fraction -Numerator -Remainder -Associative Property of Addition 	<ul style="list-style-type: none"> -Associative Property of Multiplication -Operations of arithmetic -Parentheses 	<p>http://www.mathplayground.com/division02.html</p> <p>http://www.coolmath-games.com/0-fraction-splat/</p> <p>Study Island Math Accelerated Math Teacher's Ideas</p>
<p>Week 8 Sept. 22-26</p>	<ul style="list-style-type: none"> -L24: Parentheses/ Associative Property -L25: Factors of Whole Numbers -Test 4/Review Day -L26: Division Algorithm -L27: Reading Scales 	<ul style="list-style-type: none"> • Concepts of Number Sense (ACOS 1), (CC 11) • Solve Problems Involving Operations (ACOS 2), (CC 9) • Write a Number Sentence (ACOS 7), (CC 11) 	<ul style="list-style-type: none"> -Divisible -Factor -Prime number -Celsius 	<ul style="list-style-type: none"> -Centigrade -Degree -Fahrenheit -Scale 	<p>http://www.math-play.com/math-basketball-properties-of-multiplication/math-basketball-properties-of-multiplication.html</p> <p>Study Island Math Accelerated Math Teacher's Ideas</p>
<p>Week 9 Sept. 30 -</p>	<ul style="list-style-type: none"> -L28: Measuring Time/Elapsed Time -L29: Multiplying by Multiples of 10 and 100 	<ul style="list-style-type: none"> • Concepts of Number Sense (ACOS 1), (CC 1) • Solve Problems Involving Operations (ACOS 2), (CC 8) 	<ul style="list-style-type: none"> -a.m -Century 	<ul style="list-style-type: none"> -Millennium -p.m 	<p>http://www.gamequarium.org/dir/Gamequarium/Math/Time_Math/</p>

Oct. 3	-L30: Interpreting Fractions -Test 5/Review Day	<ul style="list-style-type: none"> • Demonstrate the Properties (ACOS 6) 	-Common Year -Decade -Elapsed time	-Multiples -Percent -Leap year	Study Island Math Accelerated Math Teacher's Ideas
Week 10 Oct. 6-10	-Investigation 3:Fractions; Thirds, Fifths, and Eights -L31: Pairs of Lines/Angles -L32: Polygons -L33: Rounding Numbers/Estimating L34: Division with Zeros in the Quotient	<ul style="list-style-type: none"> • Solve Problems Involving Operations (ACOS 2), (CC 9) • Solve Word Problems (ACOS 3) • Identify Numbers Less Than Zero (ACOS 5), (CC 5) 			http://www.factmonster.com/math/knowledgebox/ Study Island Math Accelerated Math
Week 11 Oct. 15-17	-L35: Word Problems -Test 6/Review Day -L36: Classifying Triangles	<ul style="list-style-type: none"> • Identify Polygons (ACOS 8), (CC 13) • Locating Ordered Pairs (ACOS 9), (CC 11) • Identify of a Circle (ACOS 10), (CC 25), (CC 26)the Center, Radius, and Diameter 	-Acute triangle -Equilateral triangle -Isosceles triangle -Obtuse triangle -Right triangle	-Scalene triangle -Triangle -Mixed number -Fraction	http://www.factmonster.com/math/knowledgebox/ Study Island Math Accelerated Math Teacher's Ideas
Week 12 Oct. 22-24	-L37: Drawing Pictures of Fractions -L38: Fractions and Mixed Numbers on a Number Line -L39: Comparing Fractions -L40: Writing Quotients with Mixed Numbers -Test 7/Review Day	<ul style="list-style-type: none"> • Solve Problems Involving Operations (ACOS 2), (CC 7) • Solve Word Problems (ACOS 3), (CC 9) • Determine the Sums and Differences of Fractions (ACOS 4) (CC 26), (CC 13) 	-Arithmetic sequence -Fibonacci sequence -Function table -Geometric sequence	-Common denominators -Divisibility - Short division	http://www.factmonster.com/math/knowledgebox/ Study Island Math Accelerated Math Teacher's Ideas
Week 13 Oct. 27-31	-Investigation 4/Benchmark Test 2 -L41: Adding and Subtraction Fractions Common Denominators -L42: Short Division/Divisibility 3,6,9 -L43: More Arithmetic with Mixed Numbers -L44: Measuring Lengths with a Ruler	<ul style="list-style-type: none"> • Concepts of Number Sense (ACOS 1), (CC 12) • Identify Numbers Less Than Zero (ACOS 5), (CC 12) • Write a Number Sentence (ACOS 7), (CC 13) 	-Centimeter -International system of units -Length -Metric system -Millimeter -U.S. Customary system	-Adjacent sides -Opposite sides -Parallelogram -Rectangle -Rhombus -Trapezium -Trapezoid	Study Island Math Accelerated Math Teacher's Ideas

<p>Week 14 Nov. 3-7</p>	<p>-L45: Classifying Quadrilaterals -Test 8/Review Day</p> <p>-L46: Word Problems About a Fraction of a Group</p> <p>-L47: Simplifying Mixed Measures</p> <p>-L48: Reading and Writing Whole Numbers in Expanded Notation</p>	<ul style="list-style-type: none"> Solve Problems Involving Operations (ACOS 2), (CC 3) Determine the Sums and Differences of Fractions (ACOS 4), (CC 11, CC9) 	<p>-Expanded notation</p>	<p>-Denominator</p>	<p>http://www.math-play.com/math-fractions-games.html</p> <p>Study Island Math Accelerated Math Teacher's Ideas</p>
<p>Week 15 Nov. 10, 12-14</p>	<p>-L49: Finding an Average -L50: Finding an Average -Test 9/Review Day</p> <p>-Investigation 5</p>	<ul style="list-style-type: none"> Convert a Larger Unit of Measurement to a Smaller Unit of Measurement (ACOS 13), (CC 18), (CC 26) 	<p>-Average -Triangular numbers -Bar graph -cluster -Data -Frequency -Graph -Line graph</p>	<p>-Line plot -Median -Mode -Range -Outlier -Pictograph -Statistics -Partial Products</p>	<p>http://www.mathplayground.com/multiplication05.html</p> <p>Study Island Math Accelerated Math Teacher's Ideas</p>
<p>Week 16 Nov. 17-21</p>	<p>-L51: Multiplying by Two-Digit Numbers -L52: Naming Numbers through Hundred Billions</p> <p>-L53: Perimeter/ Measuring of a Circle</p> <p>-L54: Dividing by Multiples of 10</p> <p>-L55: Multiplying by Three-Digit Numbers</p>	<ul style="list-style-type: none"> Solve Word Problems (ACOS 3), (CC 17), (CC 18) Convert a Larger Unit of Measurement to a Smaller Unit of Measurement (ACOS 13), (CC 4) 	<p>-Center -Circle -Circumference -Diameter -Perimeter -Radius</p>	<p>-Regular polygon -Algorithm -Divisor</p>	<p>Study Island Math Accelerated Math Teacher's Ideas</p>
<p>Week 17 Nov. 24-</p>	<p>-Test 10/Review Day -FLEX DAY</p>	<ul style="list-style-type: none"> Numbers & Operations (ACOS 1,2) Graphing (ACOS 10) 	<p>-Certain -Chance -Event -Experiment -Impossible</p>	<p>-Division -Mixed number -Quotient -Remainder</p>	<p>http://www.mathplayground.com/multiplication05.html</p> <p>Study Island Math</p>

25			-Outcome -Probability -Sector		Accelerated Math Teacher's Ideas
Week 18 Dec. 1-5	-L56: Multiplying by Three-Digit Numbers that Include Zero	<ul style="list-style-type: none"> • Numbers & Operations (ACOS 1,2), (CC 25), (CC 8) 	-Horizontal axis -Line graph	-Vertical axis- -Endpoint	http://www.math-play.com/math-fractions-games.html Study Island Math Accelerated Math Teacher's Ideas
	-L57: Probability				
	-L58: Writing Quotients with Mixed Numbers				
	-L59: Subtracting a Fraction from 1				
	-L60: Finding a Fraction to Complete a Whole				
Week 19 Dec. 8-12	Test 11/Review Day	<ul style="list-style-type: none"> • Numbers & Operations (ACOS 1,2) (CC 8), (CC 13) 	-Decimal number -Decimal places -Centimeter	-Meter -Decimeter -Millimeter	Study Island Math Accelerated Math Teacher's Ideas
	Investigation 6/Benchmark Test 3				
	L61: Using Letters to Identify Geometric Figures				
	L62: Estimating Arithmetic Answers with Rounded and Compatible Numbers				
	L63: Subtracting a Fraction from a Whole Number Greater than 1				
Week 20 Dec. 15-19	L64: Using Money to Model Decimal Numbers	<ul style="list-style-type: none"> • Numbers & Operations (ACOS 1,2) (CC 8), (CC 13) • 	Decimal number -Decimal places -Centimeter	-Meter -Decimeter -Millimeter	http://www.coolmath-games.com/decimals-cruncher/ Study Island Math Accelerated Math Teacher's Ideas
	L65: Decimal Parts of a Meter				
	Test 12/Review Day				
	Flex Day				
	Flex Day				
Week 21 Jan. 6-9	L66: Reading a Centimeter Scale	<ul style="list-style-type: none"> • Concepts of Number Sense (ACOS 1) • Construct components of the plane (ACOS 9) • 	-Common fraction	-Mill	http://www.math-play.com/math-fractions-games.html Study Island Math Accelerated Math Teacher's Ideas
	L67: Writing Tenths and Hundredths as Decimal Numbers				
	L68: Naming Decimal Numbers				
	L69: Comparing and Ordering Decimal Numbers				

Week 22 Jan. 12-16	L70: Writing Equivalent Decimal Numbers	<ul style="list-style-type: none"> Identify Polygons (ACOS 8), (CC 26), (CC 7), (CC 11), (CC 10) Area (ACOS 7),(CC 26) Solve Problems Involving Operations (ACOS 2),(CC 13),(CC6) 	<ul style="list-style-type: none"> -Bar graph -Circle graph -Histogram -Icon -Legend -Mutually exclusive -Pictograph 	<ul style="list-style-type: none"> -Area -Dimension -Square centimeter -Square inch -Stem-and-leaf plot -Venn Diagram 	http://www.math-play.com/math-fractions-games.html Study Island Math Accelerated Math Teacher's Ideas
	Investigation 7				
	Test 13/Review Day				
	L71: Fractions, Decimals, and Percents				
	L72: Area Part 1				
Week 23 Jan. 20-23	L73: Adding and Subtracting Decimal Numbers	<ul style="list-style-type: none"> Solve Problems Involving Operations (ACOS 2),(CC 13),(CC6) Geometry (ACOS 4) 	<ul style="list-style-type: none"> -Kilometer -Improper fraction 	<ul style="list-style-type: none"> - Proper fraction 	http://www.math-play.com/math-fractions-games.html Study Island Math Accelerated Math Teacher's Ideas
	L74: Unit of Length				
	L75: Changing Improper Fractions to Whole or Mixed Numbers				
	Test 14/Review Day				
Week 24 Jan. 26-30	L76: Multiplying Fractions	<ul style="list-style-type: none"> Solve Problems Involving Operations (ACOS 2),(CC 6),(CC 23) 	<ul style="list-style-type: none"> -Mass -Weight -Base -Evaluate -Exponent -Array -Composite number 	<ul style="list-style-type: none"> Exponential expression -Perfect square -Power -Square -Equivalent fractions 	http://www.math-play.com/math-fractions-games.html Study Island Math Accelerated Math Teacher's Ideas
	L77: Converting Units of Weights and Mass				
	L78: Exponents and Square Roots				
	L79: Finding Equivalent Fractions by Multiplying by 1				
	L80: Prime and Composite Numbers				
Week 25 Feb. 2-6	Investigation 8/Benchmark Test 4	<ul style="list-style-type: none"> Numbers & Operations (ACOS 1,2) Area (ACOS 7),(CC 26) Graphing & Coordinate Planes (ACOS 5, 10),(CC 10) Exponents (ACOS 3),(CC 8) Identify Polygons (ACOS 8),(CC 17) 	<ul style="list-style-type: none"> Coordinate -Coordinate plane -Origin -Reflection -Rotation -Transformation -Base - 	<ul style="list-style-type: none"> - -Translation -x-axis -y-axis -Lowest term -Reduce -Simplest form -Term -Greatest Common Factor 	Study Island Math Accelerated Math Teacher's Ideas
	Test 15/Review Day				
	L81: Reducing Fractions				
	L82: Greatest Common Factor (GCF)				
	L83: Properties of Geometric Solids				
Week 26	L84: Mean, Median, Mode and Range	<ul style="list-style-type: none"> Numbers & Operations (ACOS 1,2) (CC 18), (CC 13) 	<ul style="list-style-type: none"> Mean -Measure of 	<ul style="list-style-type: none"> Liter -Ounce 	http://www.math-play.com/math-fractions-games.html
	L85: Units of Capacity				

Feb. 9-13	Test 16/Review Day		central tendency -Median -Mode -Range -Spread -Capacity	-Metric system -Quart -Cup -Gallon -Fluid ounce	Study Island Math Accelerated Math Teacher's Ideas
	Lesson 86: Multiplying Fractions and Whole Numbers				
	Lesson 87				
Week 27 Feb. 17-20	Lesson 88: Transformations	<ul style="list-style-type: none"> • Numbers & Operations (ACOS 1,2) • Measurement (ACOS 9) • Geometry (ACOS 4) • Ratio (ACOS 11), (CC 18), (CC 5) 	-prism	-relative frequency table	http://www.kidsmathgamesonline.com/numbers/mathdata.html Study Island Math Accelerated Math Teacher's Ideas
	L89: Analyzing Prisms				
	L90: Reducing Fraction, Part 2				
	Test 17/Review Day				
Week 28 Feb. 23-27	Investigation 9	<ul style="list-style-type: none"> • Determine the Sums and Differences of Fractions (ACOS 4), (CC 17), (CC 20) 	Permutation -Comparative graph	-Invert -Reciprocal	http://www.math-play.com/math-fractions-games.html Study Island Math Accelerated Math Teacher's Ideas
	L91: Simplifying Improper Fractions				
	L92: Dividing by Two-Digit Numbers				
	L93: Comparative Graphs				
	L 94: Using Estimation When Dividing by Two-digit Numbers				
Week 29 Mar. 2-6	L 95:Reciprocals/Review Day	<ul style="list-style-type: none"> • Solve Problems Involving Operations (ACOS 2), (CC 21), (CC 14), (CC 16),(CC 17) • Determine the Sums and Differences of Fractions/Decimals(ACOS 4) • 	-Ratio		Study Island Math Accelerated Math Teacher's Ideas
	Test 18/Review Day				
	L96: Using Reciprocals to Divide Fractions				
	L97: Ratios				
	L98: Temperature				
Week 30 Mar. 9-13	L99: Adding/Subtracting Whole Numbers and Decimal Numbers	<ul style="list-style-type: none"> • Determine the Sums and Differences of Fractions (ACOS 4) • Identify Polygons (ACOS 8),(CC 17) • Identify Numbers Less than Zero (ACOS 5),(CC13) 	-Degree	-Protractor	http://www.coolmath-games.com/decimals-cruncher/ Study Island Math Accelerated Math Teacher's Ideas
	L 100: Simplifying Decimal Numbers				
	Investigation 10/Benchmark Test 5				
	Test 19/Review Day				
	L 101: Rounding Mixed Numbers				
Week 31	L 102: Subtracting Decimal Numbers Using Zeroes				

Mar. 16-20	L 103: Volume	<ul style="list-style-type: none"> • Solving Problems Involving Operations (ACOS 2),(CC 13), (CC 9) 	<ul style="list-style-type: none"> -Cubic unit -Volume -Line of symmetry 	<ul style="list-style-type: none"> -Reflective symmetry -Rational symmetry 	Study Island Math Accelerated Math Teacher's Ideas
	L 104 Rounding Decimal Numbers to the Nearest Whole Number				
	L 105: Symmetry and Transformations				
	Test 20/Review Day				
Week 32 Mar. 23-26	L 106: Reading and Ordering Decimal Numbers Through Ten-Thousandths	<ul style="list-style-type: none"> • Solving Problems Involving Operations (ACOS 2),(CC 23) • Analyze Data (ACOS 14),(CC 13), (CC 17) 	-Itinerary	-Schedule	http://www.math-play.com/math-fractions-games.html Study Island Math Accelerated Math Teacher's Ideas
	L107:Using Percent to name Part of a Group				
	L 108: Schedules				
	L 109: Multiplying Decimal Numbers				
Week 33 Apr. 6-10	L 110: Multiplying Decimals Numbers: Using Zeroes as Placeholders	<ul style="list-style-type: none"> • Determine the Sums and Differences of Fractions (ACOS 4), (CC 17) • Identify Numbers Less than Zero (ACOS 5),(CC13) • Analyze Data Collected from a Survey (AC)S 14),(CC10) • 	<ul style="list-style-type: none"> -Scale -Scale drawing -Scale model 	-Least common multiple	Study Island Math Accelerated Math Teacher's Ideas
	Test 21/Review Day				
	Investigation 11				
	L 111: Multiplying Decimal Numbers by 10, 100, 1000				
	L 112: Finding the Least Common Multiple of Two Numbers				
Week 34 Apr. 13-17	L 113: Writing Numbers as Improper Fractions	<ul style="list-style-type: none"> • Solve Problems Involving Operations (ACOS 2),(CC 6) • Determine the Sums and Differences of Fractions (ACOS 4),(CC25) • Estimate Perimeter and Area (ACOS 11) 			http://www.coolmath-games.com/decimals-cruncher/ Study Island Math Accelerated Math Teacher's Ideas
	L114: Using Formulas				
	L115: Area Part 2				
	Test 22				
	L 116: Finding Common denominators to Add, Subtract, Compare Fractions				
Week 35 Apr. 20-24	L 117: Dividing a Decimal Number by a Whole Number	<ul style="list-style-type: none"> • Solve Problems Involving Operations (ACOS 2),(CC10) • Determine the Sums and Differences of Fractions (ACOS 4),(CC20),(CC22) 	-Tessellation		Study Island Math Accelerated Math
	L118: More on Dividing Decimal Numbers				

	L119: Dividing by A Decimal Number	<ul style="list-style-type: none"> Identify Polygons (ACOS 8),(CC7) Convert a Larger Unit of Measurement to a Smaller Unit (ACOS 13), (CC 6) 			
	L 120: Multiplying Mixed Numbers				
	Test 23/Review Day				
Week 36 Apr. 27- May 1	-Investigation 12 -Lesson 121 -Lesson 122 -Lesson 123 -Flex Day				
Week 37 May 4-8	Flex Day				Study Island Math Accelerated Math Teacher's Ideas
	Flex Day				
	Flex Day				
	Flex Day				
	Flex Day				
Week 38 May 11- 15	Lesson 124	<ul style="list-style-type: none"> Solve Problems Involving Operations (ACOS 2),(CC 10) 			Study Island Math Accelerated Math Teacher's Ideas
	Lesson 125 and Assessment				
	Lesson 126				
	Lesson 127				
	Lesson 128				
Week 39 May 18- 21	Flex Day				
	Flex Day				
	Flex Day				
	Flex Day/ Last Day of School				