

Grade 4 Math
2020-2021 Return to Learn Crosswalk
2 days in person/3 days virtual

© **Incorporate:** 3.4d Solve single-step practical problems involving multiplication of whole numbers, where one factor is 99 or less and the other factor is 5 or less *through the use of daily math problem/math journal*

	Strand	Current SOL	Topic/Skill	Previous SOLs not addressed due to COVID
1st Nine Weeks				
Week 1	Number & Number Sense	4.1a Virtual VA Lesson	Read, write, and identify the place and value of each digit in a nine digit whole number.	
Week 2	Number & Number Sense	4.1b 4.1c Virtual VA Lesson	b. Compare & order whole numbers expressed through millions c. Round whole numbers expressed through millions to the nearest thousand, ten thousand, and hundred thousand.	
Week 3	Computation & Estimation	4.4b Virtual VA Lesson	3.6c Make change from \$5.00 or less 4.4b Estimate and determine sums and differences of whole numbers	3.6c
Week 4 & 5	Computation & Estimation	4.4a 4.4b Virtual VA Lesson	a. Demonstrate fluency with multiplication facts through 12 x 12 and the corresponding division facts b. Estimate and determine products of whole numbers	
Week 6	Computation & Estimation	4.5a	Determine common multiples & factors, including least common multiple and greatest common factor	
Weeks 7 - 9	Computation & Estimation	4.4c 4.4d	c. Estimate & determine quotients of whole numbers, with and without remainders d. Create and solve single step and multi step practice problems involving addition, subtraction, and multiplication, and single-step practical problems involving division with whole numbers.	3.4d
2nd Nine Weeks				
Weeks 10 & 11	Number & Number Sense	4.2 Virtual VA Lesson	a. Compare and order fractions & mixed numbers with and without models b. Represent equivalent fractions c. Identify the division statement that represents a fraction, with models and in context	

Week 12-13	Computation & Estimation	4.5b 4.5c	b. Add and subtract fractions and mixed numbers having like and unlike denominators c. Solve single-step practical problems involving addition and subtraction with fractions and mixed numbers	
Week 14	Number & Number Sense	4.3a 4.3d Virtual VA Lesson	a. Read, write, represent, and identify decimals expressed through thousandths d. Given a model, write the decimal and fraction equivalents	
Week 15	Number & Number Sense	4.3b 4.3c Virtual VA Lesson	b. Round decimals to the nearest whole number c. Compare and order decimals	
Week 16	Computation and Estimation	4.6 Virtual VA Lesson	a. Add and subtract decimals b. Solve single step and multi step practice problems involving addition and subtraction with decimals	3.6c – can be reviewed with decimals
Week 17	Probability & Statistics	4.14	a. Collect, organize, and represent data in bar graphs and line graphs b. Interpret data represented in bar graphs and line graphs c. Compare two different representations of the same data (e.g. a set of data displayed on a chart and a bar graph, a chart and a line graph, or a pictograph and a bar graph)	
Week 18	Probability & Statistics	4.13	a. Determine the likelihood of an outcome of a simple event b. Represent probability as a number between 0 and 1, inclusive c. Create a model or practice problem to represent a given probability	
3 rd Nine Weeks				
Week 19	Measurement & Geometry	4.9	Solve practice problems related to elapsed time in hours and minutes within a 12-hour period	
Week 20-23	Measurement & Geometry	4.8	a. Estimate and measure length and describe the result in U.S. Customary and metric units b. Estimate and measure weight/mass and describe the result in U.S. customary and metric units	3.7

			<p>c. Given the equivalent measure of one unit, identify equivalent measures of length, weight/mass, and liquid volume between units within the U.S. Customary system</p> <p>d. Solve practice problems that involve length, weight/mass, and liquid volume in U.S. Customary units</p>	
Week 24	Measurement & Geometry	4.7	Solve practical problems that involve determining perimeter and area in US customary and metric units	3.8 Virtual VA Lesson
Week 25	Measurement & Geometry	4.10	<p>a. Identify and describe points, lines, line segments, rays, and angles, including endpoints and vertices.</p> <p>b. Identify and describe intersecting, parallel, and perpendicular lines.</p>	3.11
Week 26	Measurement & Geometry		<p>a. Define polygon</p> <p>b. Identify and name polygons with 10 or fewer sides</p> <p>c. Combine and subdivide polygons with three or four sides and name the resulting polygons</p>	3.12
Week 27	Measurement & Geometry	4.11	Identify, describe, compare, and contrast plane and solid figures according to their characteristics (number of angles, vertices, edges, and the number and shape of faces) using concrete models and pictorial representations.	3.13
4 th Nine Weeks				
Week 28	Measurement & Geometry	4.12	Classify quadrilaterals as parallelograms, rectangles, squares, rhombi, and/or trapezoids	3.13
Week 29	Patterns, Functions, and Algebra	4.15	Identify, describe, create, and extend patterns found in objects, pictures, numbers, and tables.	
Week 30	Patterns, Functions, and Algebra	4.16	Recognize and demonstrate the meaning of equality in an equation	
Week 31-33	Review		<p>Review and intervention upon individual class data</p> <p>Suggested standards to review before SOLs:</p>	

			<p>®4.4 b Estimate and determine sums, differences, and products of whole numbers</p> <p>®4.4 d Create and solve single-step and multistep practice problems involving, addition, subtraction, and multiplication, and single-step practical problems involving division with whole numbers</p> <p>®4.5a Determine common multiples and factors, including least common multiple and greatest common factor</p> <p>®4.5 b Add and subtract fractions and mixed numbers having like and unlike denominators</p> <p>®4.5 c Solve single step practical problems involving addition and subtraction with fractions and mixed numbers</p>	
Week 34-36			<p>SOL Testing</p> <p>Introduce 5th grade SOL/Review some 4th grade:</p> <p>Review multiplication and division fluency facts 0-12</p> <p>Mean, Median, Mode and Range</p> <p>Metric length conversions</p>	