DCS First Grade Math Pacing Guide

2020–2021

	First Nine Weeks	Second Nine Weeks	Third Nine Weeks	Fourth Nine Weeks
Dates	August 2 – October 10	October 11 - December 20	January 7- March 12	March 16 – May 22
Instructional Days	46 Days	45 Days	44 Days	45 Days
Common & Benchmark Assessments	Schoology & NWEA Map	Schoology & NWEA Map	Schoology & NWEA Map	Schoology & NWEA Map
Chapters	6, 1.NBT.7, 7, and 1	2, 3, 4	5, 8, 9	10, 12, 11
	Chapter 6: Count & Model Numbers **1NBT.7:** Dimes & Pennies **Chapter 7:** Compare Numbers **Chapter 1:** Addition Concepts	**Chapter 2:** Subtraction Concepts **Chapter 3:** Addition Strategies **Chapter 4:** Subtraction Strategies	**Chapter 5:** Addition & Subtraction Relationships **Chapter 8:** Two-Digit Addition & Subtraction **Chapter 9:** Measurement	**Chapter 10:** Represent Data **Chapter 12:** Two-Dimensional Geometry **Chapter 11:** Three-Dimensional Geometry
	Chapter 6	**Chapter 2**	**Chapter 5**	**Chapter 10**
	Count & Model Numbers **MGSE1.NBT.1** Count to 120 **MGSE1.NBT.2** Understand that two digits of a two-digit number represent amounts of tens and ones **MGSE1.NBT.2a** 10 can be thought of as a bundle of ten ones - called a "ten" **MGSE1.NBT.2c** The numbers 10,20, 30, 40, 50, 60, 70, 80, 90 refer to one, two , three, four, five, six, seven, eight, or nine tens (0 ones) **MGSE1.NBT.3** Compare two two-digit numbers based on the meanings of tens and ones digits >, =, and, < (> and < will be taught with Chapter 7)	**Subtraction Concepts** **MGSE.OA.1** Use addition and subtraction within 20 to solve word problem **MGSE1.OA.8** Determine the unknown whole number in an addition or subtraction equation **MGSE1.OA.6** Add and subtract within 20 **MGSE1.OA.6b** Fluently add and subtract within ten	**Addition and Subtraction Relationships** **MGSE.OA.1** Use addition and subtraction within 20 to solve word problem **MGSE1.OA.6** Add and subtract within 20 **MGSE1.OA.6b** Fluently add and subtract within ten **MGSE1.OA.8** Determine the unknown whole number in an addition or subtraction equation relating to three whole numbers **MGSE1.OA.7** Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.	**Represent Data** **MGSE1.MD.4** Organize, represent, and interpret data with up to three categories

	Pennies and Dimes	Chapter 3	Chapter 8	Chapter 12
	Developing Base Ten Sense **MGSE1.NBT.7** Identify dimes, and understand ten pennies can be thought of as a dime. (Use dimes as manipulatives in multiple mathematical contexts.)	**Addition Strategies** **MGSE1.OA.3** Apply properties of operations as strategies to add and subtract **MGSE1.OA.5** Relate counting to addition and subtraction **MGSE1.OA.6** Add and subtract within 20 **MGSE1.OA.6b** Fluently add and subtract within ten **MGSE1.OA.2** Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20	**Two-Digit Addition and Subtraction** **MGSE1.OA.6** Add and subtract within 20 **MGSE1.OA.6b** Fluently add and subtract within ten **MGSE1.NBT.4** Add within 100 **MGSE1.NBT.6**-Subtract multiples of 10 in the range 10-90 from multiples of 10 in the range of 10-90	**Two-Dimensional** **MGSE1.G.1** Distinguish between defining attributes versus non-defining attributes **MGSE1.G.2** Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape **MGSE1.G.3** Partition circles and rectangles into two and four equal shares, describe the shares using the words *halves*, *fourths*, and *quarters* and use the phrases *half of, fourth of*, and *quarter of.*
	Chapter 7	**Chapter 4**	**Chapter 9**	**Chapter 11**
	Compare Numbers **MGSE1.NBT.3** Compare two two-digit numbers based on the meanings of tens and ones digits >, =, and, < **MGSE1.NBT.5** Given a two-digit number, mentally find 10 more or 10 less than the number, without having to count; explain the reasoning used	**Subtraction Strategies** **MGSE1.OA.5** Relate counting to addition and subtraction **MGSE1.OA.4** Understand subtraction as an unknown-addend problem **MGSE1.OA.6** Add and subtract within 20 **MGSE1.OA.6b** Fluently add and subtract within ten **MGSE.OA.1** Use addition and subtraction within 20 to solve word problem	**Measurement** **MGSE1.MD.1** Order three objects by length; compare the lengths of two objects indirectly using a third object **MGSE1.MD.2** Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object end to end **MGSE1.MD.3** Tell and write time in hours and half-hours using analog and digital clocks	**Three-Dimensional Geometry** **MGSE1.G.1** Distinguish between defining attributes versus non-defining attributes. **MGSE1.G.2** Compose two-dimensional shapes (rectangles, squares, trapezoids, triangles, half-circles, and quarter-circles) or three-dimensional shapes (cubes, right rectangular prisms, right circular cones, and right circular cylinders) to create a composite shape, and compose new shapes from the composite shape

	Chapter 1			
	Addition Concepts **MGSE.OA.1** Use addition and subtraction within 20 to solve word problem **MGSE1.OA.3** Apply properties of operations as strategies to add and subtract **MGSE1.OA.6** Add and subtract within 20 **MGSE1.OA.6b** Fluently add and subtract within ten			
	BIG IDEAS	BIG IDEAS	BIG IDEAS	BIG IDEAS
	I can count to 120. I can write numbers to 120. I can utilize correct place value. I can compare two-digit numbers with <, =, and >. I can utilize dimes and pennies as a base ten strategy. I can understand the meaning of the = sign. I know 10 more/10 less than a given number. I can solve addition & subtraction facts to 20.	I can solve addition and subtraction facts to 20. I can understand the meaning of the = sign. I can solve word problems. I can solve addition and subtraction problems with missing numbers.	I can solve addition and subtraction facts to 20. I can understand the meaning of the = sign. I can solve word problems. I can solve fact families. I can solve addition and subtraction problems with missing numbers. I can add within 100. I can order and compare objects by length. I can tell time to the hour and ½ hour.	I can sort shapes by attributes. I can recognize 2-D shapes. I can recognize 3_D shapes. I can compose 2-D and 3-D shapes into new shapes. I can recognize ¼ and ½ fractions. I can collect and organize data. I can create a graph. I can interpret a graph.
Skill Assessments by Quarter	Test: 1, 2, 3, 6, 7	Test: 4, 5, 8 Retest: 1, 2, 3, 6, 7	Test: 9, 10, 11, 12 Retest: 1, 2, 3, 4, 5, 6, 7, 8	Test: 13, 14, 15 Retest: 1, 2, 3 ,4, 5, 6, 7, 8, 9, 10, 11, 12