

3rd Grade Math

Revised May 2013

1 st Nine Weeks				
	Topic	Eligible Content/ Standards	Details	Resources
1	Addition and Subtraction	M03.A-T.1.1.2	<ul style="list-style-type: none"> Add / subtract two- and three-digit whole from two- and three-digit whole numbers 	Chapter 1
2	Place Value	M03.A-T.1.1.1 M03.A-T.1.1.3	<ul style="list-style-type: none"> Round two- and three-digit whole numbers to the nearest ten or hundred 	Chapter 2 Chapter 3 – Lessons 3.5 and 3.6 Study Island – rounding numbers
3	Compare and Ordering Numbers	M03.A-T.1.1.4	<ul style="list-style-type: none"> Order a set of whole numbers from least to greatest or greatest to least 	Chapter 3 – Lesson 3.1, 3.2, and 3.3
4	Addition and Subtraction	M03.A-T.1.1.2	<ul style="list-style-type: none"> Add / subtract two- and three-digit whole from two- and three-digit whole numbers 	Chapter 4
5	Addition and Subtraction	M03.A-T.1.1.2	<ul style="list-style-type: none"> Add / subtract two- and three-digit whole from two- and three-digit whole numbers 	Chapter 5
6	Models for Fractions	M03.A-F.1.1.1 M03.A-F.1.1.2 M03.A-F.1.1.3 M03.A-F.1.1.4 M03.C-G.1.1.3	<ul style="list-style-type: none"> Demonstrate that when a whole or set is partitioned into y equal parts, the fraction $\frac{1}{y}$ represents 1 part of the whole and/or the fraction $\frac{x}{y}$ represents x equal parts of the whole Represent fractions on a number line. Recognize and generate simple equivalent fractions Express whole numbers as fractions, and/or generate 	Chapter 25 – Lesson 25.1, 25.2, 25.3, and 25.6 Study Island - Shape Partitions

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			<p>fractions that are equivalent to whole</p> <ul style="list-style-type: none">• Partition shapes into parts with equal areas.	
7	Comparing Fractions	M03.A-F.1.1.5	<ul style="list-style-type: none">• Compare two fractions with the same denominator	Chapter 25 – Lesson 25.4, 25.5, and 25.6 Study Island – Shape Partitions
8	Multiplication as Repeated Addition	M03.B-O.1.1.1	<ul style="list-style-type: none">• Interpret and/or describe products of whole numbers (up to and including 10×10).	Chapter 8 – Lessons 8.1, 8.2, 8.3, and 8.4 Study Island – Model Multiplication and Division

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	Topic	Eligible Content/ Standards	Details	Resources
1	Understanding Multiplication	M03.A-T.1.1.3 M03.B-0.1.1.1 M03.B-0.1.1.2 M03.B-0.1.2.1 M03.B-0.1.2.2	<ul style="list-style-type: none"> Solve problems involving multiplication and division. 	Chapter 8
2	Multiplication Facts and Strategies	M03.B-0.1.1.1 M03.B-0.1.1.2 M03.B-0.1.2.1 M03.B-0.1.2.2	<ul style="list-style-type: none"> Solve problems involving multiplication and division. 	Chapter 9
3	Multiplication Facts and Strategies	M03.B-0.2.1.1 M03.B-0.2.1.2 M03.B-0.2.2.1	<ul style="list-style-type: none"> Understanding properties of multiplication and the relationship between multiplication and division. 	Chapter 10
4	Multiplication Facts and Strategies	M03.B-0.2.1.1 M03.B-0.2.1.2 M03.B-0.2.2.1	<ul style="list-style-type: none"> Understanding properties of multiplication and the relationship between multiplication and division. 	Chapter 11
5	Understanding Division	M03.B-0.3.1.1 M03.B-0.3.1.2 M03.B-0.3.1.3 M03.B-0.3.1.4 M03.B-0.3.1.5 M03.B-0.3.1.6	<ul style="list-style-type: none"> Demonstrate multiplication and division fluency. Solve problems involving the four operations, identify and explain patterns in arithmetic. 	Chapter 12

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		M03.B-0.3.1.7		
6	Time	M03.D-M.1.1.1 M03.D-M.1.1.2	<ul style="list-style-type: none"> Tell, show, and/or write time (analog) to the nearest minute. Calculate elapsed time to the minute in a given situation 	Chapter 7 – Lesson 7.1, 7.2, 7.3 Study Island – Time and Elapsed Time
7	Money	M03.D-M.1.1.1 M03.D-M.1.1.2 M03.D-M.1.3.1 M03.D-M.1.3.2 M03.D-M.1.3.3	<ul style="list-style-type: none"> Compare total values of combinations of coins Make change for an amount up to \$5.00 with no more than \$2.00 change given 	Chapter 6 – Lesson 6.1, 6.2, 6.4, and 6.5
8	Collect and Record Data	M03.D-M.2.1.1 M03.D-M.2.1.2 M03.D-M.2.1.3 M03.D-M.2.1.4	<ul style="list-style-type: none"> Solve one- and two-step problems using information to interpret data presented in scaled pictographs and scaled bar graphs Generate measurement data by measuring lengths using rulers marked with halves and fourths of an inch. Translate information from one type of display to another. Limit to pictographs, tally charts, bar graphs, and tables. 	Chapter 15 – Lesson 15.4, 15.5 and 15.6 Chapter 16 – Lesson 16.1, 16.2, 16.4, and 16.5

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	Topic	Eligible Content/ Standards	Details	Resources
1	Geometry	M03.C-G.1.1.1	<ul style="list-style-type: none"> Explain that shapes in different categories may share attributes, and that the shared attributes can define a larger category. 	Chapter 19 – Lesson 19.3, 19.4, and 19.5
2	Geometry	M03.C-G.1.1.2	<ul style="list-style-type: none"> Recognize rhombi, rectangles, and squares as examples of quadrilaterals. 	Chapter 19 – Lesson 19.3, 19.4, and 19.5 Chapter 20 Chapter 21
3	Measurement	M03.D-M.1.2.1	<ul style="list-style-type: none"> Measure and estimate liquid volumes and masses of objects using standard units. 	Chapter 17 – Lessons 17.1, 17.2, 17.3, and 17.4 Chapter 18 – Lessons 18.3 and 18.4
4	Measurement	M03.D-M.1.2.2 M03.D-M.1.2.3	<ul style="list-style-type: none"> Add, subtract, multiply, and divide to solve one step word problems involving masses or liquid volumes that are given in the same units. Use a ruler to measure lengths to the nearest quarter inch or centimeter. 	Chapter 17 – Lessons 17.1, 17.2, 17.5 and 17.6, ***nearest half inch Study Island – Capacity and Mass
5	Measurement	M03.D-M.3.1.1 M03.D-M.3.1.2 M03.D-M.4.1.1	<ul style="list-style-type: none"> Measure areas by counting unit squares. Multiply side lengths to find areas of rectangles with whole-number side lengths in the context of solving real-world and mathematical problems. Solve problems involving perimeters of polygons and 	Chapter 22 – Lessons 22.3 and 22.4 Study Island – Area Chapter 22 – Lesson 22.1 and 22.2

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			distinguish between linear and are measures.	Study Island – Perimeter
6	PSSA Review			
7	PSSA Review			
8	PSSA Review			