



Grade 6 Math Proficiency Map

Essential Standards: **Bold Print & Underlined**

Grade 6	Unit: 1 Fractions and Decimals (Chapter 1, 2) 24 Days Aug. 7 – Sept. 8	Unit: 2 Algebraic Expressions and Properties (Chapter 1, 3) 25 Days Sept. 11 – Oct. 13	Unit: 3 Ratio and Rates (Chapter 5) 24 Days Oct. 16 – Nov. 17	Unit: 4 Equations and Inequalities (Chapter 7) 22 Days Nov. 27 – Jan. 12	Unit: 5 Integers (Chapter 6) 23 Days Jan. 16 – Feb. 16	Unit: 6 Area, Surface Area, and Volume (Chapter 4, 8) 19 Days Feb. 20 – Mar. 15	Unit:7 Statistics (Chapter 9, 10) 19 Days Mar. 18 – Apr. 19
<p>RP Ratios and Proportional Relationships</p>			<p><u>6.RP.1</u> <u>Describe a ratio</u> CT(A) 5 Item #'s: 1,2,5,6 CT(B) 5 Item #'s: 1,2,3,6,7</p> <p><u>6.RP.2</u> <u>Understand unit rate</u> CT(A) 5 Item #'s: 7,8,21 CT(B) 5 Item #'s: 8,9</p> <p><u>6.RP.3a</u> <u>Ratio tables</u> CT(A) 5 Item #'s: 3,4,9,10 CT(B) 5 Item #'s: 4,5,10,11</p> <p><u>6.RP.3b</u> <u>Unit pricing and constant speed</u> CT(A) 5 Item #'s: 9,10,19, 20 CT(B) 5 Item #'s: 8,9,10,11, 20,21a,21b</p> <p><u>6.RP.3c</u> <u>Percents</u> CT(A) 5 Item #'s: 13,14,15, 16,22,23,24,25a CT(B) 5 Item #'s: 14,15,16, 17,22,23,24,25</p> <p><u>6.RP.3d</u> <u>Converting Measurements</u> CT(A) 5 Item #'s: 17,18,26 CT(B) 5 Item #'s: 18,19,26</p>				

<p style="text-align: center;">NS The Number System</p>	<p>6.NS.2 Divide multi-digit numbers CT(A) 1 Item #'s: 3,7,24 CT(B) 1 Item #'s: 3,25b</p> <p>6.NS.4 Greatest Common Factor and Least Common Multiple CT(A) 1 Item #'s: 18,19,20,28,29 CT(B) 1 Item #'s: 19,21,28,29</p> <p><u>6.NS.1</u> <u>Division of Fractions</u> CT(A) 2 Item #'s: 5,6,7,8,9,23a,23b,25 CT(B) 2 Item #'s: 5,6,8,9,10,25</p> <p>6.NS.3 Decimal Operations CT(A) 2 Item #'s: 11,12,13,14,15,16,17,18,19,20,21,22,26,27,28 CT(B) 2 Item #'s: 11,12,13,14,15,16,17,18,19,20,21,22,26,27,28</p>				<p><u>6.NS.5</u> <u>Positive and Negative</u> CT(A) 6 Item #'s: 1,2,16,25a CT(B) 6 Item #'s: 1,2,25</p> <p><u>6.NS.6a</u> <u>Opposites</u></p> <p><u>6.NS.6b</u> <u>Coordinate Plane</u> CT(A) 6 Item #'s: 18,19,20,21,22,23,24,27b CT(B) 6 Item #'s: 18,19,20,21,22</p> <p><u>6.NS.6c</u> <u>Graph rational numbers</u> CT(A) 6 Item #'s: 3,4,7,8,19,20,27a CT(B) 6 Item #'s: 3,4,7,8,17a,17b,17c,17d,17e,17f</p> <p>6.NS.7a Compare numbers</p> <p>6.NS.7b Order numbers CT(A) 6 Item #'s: 5,6,16,25c,26a,26b CT(B) 6 Item #'s: 5,6,23,24a,24b</p> <p>6.NS.7c Absolute value CT(A) 6 Item #'s: 11,12,25b,26c CT(B) 6 Item #'s: 11,12,13,24d</p> <p>6.NS.7d Explain negatives CT(A) 6 Item #'s: 13,14,15 CT(B) 6 Item #'s: 14,15,16</p>		
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					6.NS.8 Graph points CT(B) 6 Item #'s: 26b,26c		
<p>EE Expressions and Equations</p>		<p>6.EE.1 Numerical expressions CT(A) 1 Item #'s: 8,9,14, 15,17 CT(B) 1 Item #'s: 7,8,11, 12,18,26</p> <p><u>6.EE.2a</u> <u>Write algebraic expressions</u> CT(A) 3 Item #'s: 4,5,6, 25a,26a,27,28 CT(B) 3 Item #'s: 5,6,7,8, 24a,25a,25c,26</p> <p><u>6.EE.2b</u> <u>Identify terms of an expression</u></p> <p><u>6.EE.2c</u> <u>Evaluate expressions</u> CT(A) 3 Item #'s: 1,2,5,6, 23,24,25b,26b CT(B) 3 Item #'s: 1,2,3,4,5, 6,7,8,23,24b,25b,25c,26</p> <p><u>6.EE.3</u> <u>Generate equivalent expressions</u> CT(A) 3 Item #'s: 11,12,13, 14,15,16,17,18,21,22,28 CT(B) 3 Item #'s: 15,16,17, 18,19,20,21,22</p>		<p><u>6.EE.5</u> <u>Solve an equation or inequality</u> CT(A) 7 Item #'s: 11,12,18, 19 CT(B) 7 Item #'s: 12,13,19, 20</p> <p><u>6.EE.6</u> <u>Expressions from word problems</u> CT(A) 7 Item #'s: 1,2,3,4 CT(B) 7 Item #'s: 1,2,3,4,5</p> <p>6.EE.7 One step equations CT(A) 7 Item #'s: 6,7,8,13, 24,25,26 CT(B) 7 Item #'s: 7,9,10,14, 23,24,25</p> <p><u>6.EE.8</u> <u>Write inequalities</u> CT(A) 7 Item #'s: 14,15,16, 17,20,21,22,23,28,29a,29b CT(B) 7 Item #'s: 15,16,17, 18,21,22,27,28a</p> <p><u>6.EE.9</u> <u>Equations, graphs and tables</u> CT(A) 7 Item #'s: 13,27 CT(B) 7 Item #'s: 14,26a, 26b</p>			
	<p>G Geometry</p>					6.G.3 Shapes on coordinate plane CT(A) 4 Item #'s: 7,8,9,10,17,18 CT(B) 4 Item #'s: 7,8,9,10,11b,17	6.G.1 Area CT(A) 4 Item #'s: 1,2,3,4, 5,6,11,12,13,14,15b,15c, 16

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						<p>CT(B) 4 Item #'s: 1,2,3,4, 5,6,12,13,14,15b,16a,16b, 16c</p> <p>6.G.2 Volume CT(A) 8 Item #'s: 11 CT(B) 8 Item #'s: 8</p> <p>6.G.4 Nets CT(A) 8 Item #'s: 6,7,8,9, 10,14,15 CT(B) 8 Item #'s: 6,7,9,10, 13,14,15</p>	
<p>SP Statistics and Probability</p>						<p>6.SP.1 Statistical Questions CT(A) 9 Item #'s: 1,2,3 CT(B) 9 Item #'s: 1,2</p> <p>6.SP.2 Data distribution CT(A) 9 Item #'s: 4,5 CT(B) 9 Item #'s: 3,4 CT(A) 10 Item #'s: 3,8, 10a,11a,13,16d CT(B) 10 Item #'s: 2,8, 11a,12a,14,16,17d,18a, 18b</p> <p>6.SP.3 Measures of center CT(A) 9 Item #'s: 6,7,8, 9,10,11,12,13,14,15,16, 17a,17b,18a,18b,19, 20a CT(B) 9 Item #'s: 5,6,7, 8,9a,9b,9c,10,11,12,13, 14a,14b,15a,16a CT(A) 10 Item #'s: 4,5, 6,7,10c,11c,16c CT(B) 10 Item #'s: 4,5,6, 7,11c,12c,17c</p> <p>6.SP.4 Stat graphs CT(A) 9 Item #'s: 4,5 CT(B) 9 Item #'s: 3,4 CT(A) 10 Item #'s: 1,9, 12,16a</p>	

							<p>CT(B) 10 Item #'s: 1,10,17a</p> <p>6.SP.5a # of observations CT(A) 9 Item #'s: 17b,19,20b</p> <p>6.SP.5b Describe survey</p> <p>6.SP.5c Measures of center and variability CT(A) 9 Item #'s: 17b,19,20b CT(B) 9 Item #'s: 9d,14b,15a,15b,16b</p> <p>6.SP.5d Choose mean, median, mode and IQR CT(A) 10 Item #'s: 10b,11b CT(B) 10 Item #'s: 11b,12b,18c</p>
Notes	Teach Section 1.2 and 1.3 in Unit 2	Start with Section 1.2 and 1.3 from Chapter 1			Teach Section 4.4		