

# Grade 4 Correlation

		Visual Aids and Models				Guided Instruction				Games		Online Resources		Practice	
		Manipulatives	The Book of Facts: Multiplication	The Book of Facts: Division	ORIGOnath Program	Algebra for All	GEO Series	Mathematicals	Fundamentals	Fundamentals Game Boards	Mathedology™	Flare®	Figure It!		
Operations and Algebraic Thinking	Use the four operations with whole numbers to solve problems.				<ul style="list-style-type: none"> <li>Unit 1</li> <li>Unit 2</li> <li>Unit 3</li> <li>Unit 5</li> <li>Unit 6</li> <li>Unit 7</li> <li>Unit 9</li> <li>Unit 11</li> <li>Unit 12</li> </ul>	<ul style="list-style-type: none"> <li>pp 7-11</li> <li>pp 14-43</li> <li>pp 46-61</li> </ul>		<ul style="list-style-type: none"> <li>pp 8-13</li> <li>pp 18-25</li> <li>pp 32-35</li> <li>pp 38-40</li> <li>pp 44-48</li> <li>pp 56-58</li> <li>pp 66-75</li> <li>pp 82-93</li> </ul>	<ul style="list-style-type: none"> <li>Make 100</li> <li>Take Two</li> <li>On Target</li> <li>High or Low</li> <li>Total Two</li> <li>Take or Tally</li> <li>Up or Down</li> <li>Multiplication Mania</li> </ul>	<ul style="list-style-type: none"> <li>Climb the Ladder</li> <li>This or That?</li> <li>Left Overs</li> <li>Take Your Pick</li> <li>Have a Half</li> </ul>	<ul style="list-style-type: none"> <li>Make 100</li> <li>Take Two</li> <li>On Target</li> <li>High or Low</li> <li>Total Two</li> <li>Take or Tally</li> <li>Up or Down</li> <li>Multiplication Mania</li> </ul>	<ul style="list-style-type: none"> <li>Climb the Ladder</li> <li>This or That?</li> <li>Left Overs</li> <li>Take Your Pick</li> <li>Have a Half</li> </ul>	<ul style="list-style-type: none"> <li>CMF</li> <li>CMA1</li> <li>CMS2</li> <li>CMS3</li> </ul>	<ul style="list-style-type: none"> <li>pp 1-6</li> <li>pp 9-22</li> <li>pp 25-39</li> <li>pp 40-49</li> <li>pp 51-59</li> <li>pp 61-64</li> </ul>	
	Gain familiarity with factors and multiples.	<ul style="list-style-type: none"> <li>The Book of Facts: Multiplication and Division</li> </ul>	<ul style="list-style-type: none"> <li>pp 6-61</li> <li>pp BLM 3</li> <li>pp 5-31</li> </ul>	<ul style="list-style-type: none"> <li>pp 6-67</li> <li>pp BLM 1-25</li> </ul>	<ul style="list-style-type: none"> <li>Unit 2</li> <li>Unit 5</li> <li>Unit 6</li> <li>Unit 9</li> <li>Unit 11</li> </ul>	<ul style="list-style-type: none"> <li>pp 10-11</li> <li>pp 30-35</li> <li>pp 38-43</li> <li>pp 46-61</li> </ul>		<ul style="list-style-type: none"> <li>pp 56-58</li> <li>pp 60-75</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication Mania</li> <li>Climb the Ladder</li> <li>Take Your Pick</li> <li>Have a Half</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication Mania</li> <li>Climb the Ladder</li> <li>Take Your Pick</li> <li>Have a Half</li> </ul>			<ul style="list-style-type: none"> <li>pp 9-12</li> <li>pp 17-22</li> <li>pp 25-32</li> <li>pp 42-44</li> <li>pp 53</li> </ul>		
	Generate and analyze patterns.		<ul style="list-style-type: none"> <li>pp 16-17</li> <li>pp 20-21</li> <li>pp 24-26</li> <li>pp 35-36</li> <li>pp 42-43</li> <li>pp 46-47</li> </ul>	<ul style="list-style-type: none"> <li>pp 12-13</li> <li>pp 17-21</li> <li>pp 24-27</li> <li>pp 30-33</li> <li>pp 37-40</li> <li>pp 42-43</li> <li>pp 48-50</li> <li>pp 53-55</li> </ul>	<ul style="list-style-type: none"> <li>Unit 2</li> <li>Unit 4</li> <li>Unit 5</li> <li>Unit 8</li> <li>Unit 9</li> <li>Unit 10</li> <li>Unit 11</li> </ul>	<ul style="list-style-type: none"> <li>pp 22-41</li> <li>pp 52-65</li> </ul>		<ul style="list-style-type: none"> <li>pp 12-13</li> <li>pp 38-39</li> <li>pp 60-63</li> <li>pp 72-73</li> <li>pp 84-87</li> </ul>				<ul style="list-style-type: none"> <li>Pattern Maker</li> </ul>			
Number and Operations in Base Ten	Generalize place value understanding for multi-digit whole numbers.		<ul style="list-style-type: none"> <li>pp 9-10</li> <li>pp 16-17</li> <li>pp 20-21</li> <li>pp 24-26</li> <li>pp 30-31</li> <li>pp 34-35</li> </ul>	<ul style="list-style-type: none"> <li>pp 41-43</li> <li>pp 46-47</li> <li>pp 52-53</li> <li>pp 57</li> </ul>	<ul style="list-style-type: none"> <li>pp 9-11</li> <li>pp 16-18</li> <li>pp 22-24</li> <li>pp 28-30</li> <li>pp 26-38</li> <li>pp 41-42</li> </ul>	<ul style="list-style-type: none"> <li>pp 46-48</li> <li>pp 51-52</li> <li>pp 58-59</li> </ul>	<ul style="list-style-type: none"> <li>Unit 1</li> <li>Unit 5</li> <li>Unit 6</li> <li>Unit 7</li> <li>Unit 8</li> <li>Unit 9</li> <li>Unit 11</li> </ul>	<ul style="list-style-type: none"> <li>pp 6-11</li> <li>pp 16-35</li> <li>pp 38-61</li> </ul>		<ul style="list-style-type: none"> <li>pp 10-13</li> <li>pp 18-25</li> <li>pp 32-35</li> <li>pp 38-39</li> <li>pp 44-47</li> <li>pp 56-57</li> <li>pp 66-74</li> <li>pp 82-93</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication Mania</li> <li>Climb the Ladder</li> <li>Take Your Pick</li> <li>Have a Half</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication Mania</li> <li>Climb the Ladder</li> <li>Take Your Pick</li> <li>Have a Half</li> </ul>	<ul style="list-style-type: none"> <li>Number Board</li> <li>Place Value</li> </ul>	<ul style="list-style-type: none"> <li>pp 3-5</li> <li>pp 13-16</li> <li>pp 28-34</li> <li>pp 37-40</li> <li>pp 45</li> <li>pp 47-50</li> <li>pp 54-58</li> <li>pp 61-64</li> </ul>	
	Use place value understanding and properties of operations to perform multi-digit arithmetic.		<ul style="list-style-type: none"> <li>pp 11-13</li> <li>pp 18-19</li> <li>pp 22-23</li> <li>pp 27-28</li> <li>pp 32-32</li> <li>pp 36-38</li> <li>pp 44-45</li> </ul>	<ul style="list-style-type: none"> <li>pp 48-49</li> <li>pp 53-55</li> <li>pp 58-61</li> <li>pp BLM 3-31</li> </ul>	<ul style="list-style-type: none"> <li>pp 12-13</li> <li>pp 19-21</li> <li>pp 25-27</li> <li>pp 31-33</li> <li>pp 39-40</li> <li>pp 42-43</li> </ul>	<ul style="list-style-type: none"> <li>pp 49-50</li> <li>pp 53-55</li> <li>pp 60-62</li> <li>pp 64-67</li> <li>pp BLM 3-25</li> </ul>	<ul style="list-style-type: none"> <li>Unit 1</li> <li>Unit 5</li> <li>Unit 6</li> <li>Unit 7</li> <li>Unit 8</li> <li>Unit 9</li> <li>Unit 11</li> <li>Unit 12</li> </ul>	<ul style="list-style-type: none"> <li>pp 6-11</li> <li>pp 16-35</li> <li>pp 38-61</li> </ul>		<ul style="list-style-type: none"> <li>pp 10-13</li> <li>pp 18-25</li> <li>pp 32-35</li> <li>pp 38-39</li> <li>pp 44-47</li> <li>pp 56-57</li> <li>pp 66-74</li> <li>pp 82-93</li> </ul>	<ul style="list-style-type: none"> <li>Make 100</li> <li>Take Two</li> <li>On Target</li> <li>High or Low</li> <li>Total Two</li> <li>Take or Tally</li> <li>Up or Down</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication Mania</li> <li>Climb the Ladder</li> <li>This or That?</li> <li>Left Overs</li> <li>Take Your Pick</li> <li>Have a Half</li> </ul>	<ul style="list-style-type: none"> <li>Make 100</li> <li>Take Two</li> <li>On Target</li> <li>High or Low</li> <li>Total Two</li> <li>Take or Tally</li> <li>Up or Down</li> </ul>	<ul style="list-style-type: none"> <li>Multiplication Mania</li> <li>Climb the Ladder</li> <li>This or That?</li> <li>Left Overs</li> <li>Take Your Pick</li> <li>Have a Half</li> </ul>	<ul style="list-style-type: none"> <li>Number Board</li> <li>Place Value</li> </ul>
Number and Operations — Fractions	Extend understanding of fraction equivalence and ordering.				<ul style="list-style-type: none"> <li>Unit 4</li> <li>Unit 10</li> </ul>								<ul style="list-style-type: none"> <li>Fraction (Area)</li> <li>Fraction (Length)</li> </ul>		
	Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.				<ul style="list-style-type: none"> <li>Unit 4</li> <li>Unit 10</li> </ul>				<ul style="list-style-type: none"> <li>Finding Fractions</li> </ul>	<ul style="list-style-type: none"> <li>Finding Fractions</li> </ul>		<ul style="list-style-type: none"> <li>Fraction (Area)</li> <li>Fraction (Length)</li> </ul>			
	Understand decimal notation for fractions and compare decimal fractions.				<ul style="list-style-type: none"> <li>Unit 8</li> <li>Unit 10</li> </ul>								<ul style="list-style-type: none"> <li>Fraction (Area)</li> <li>Fraction (Length)</li> </ul>		
Measurement and Data	Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.												<ul style="list-style-type: none"> <li>Clocks</li> </ul>		
	Represent and interpret data.					<ul style="list-style-type: none"> <li>pp 52-65</li> </ul>							<ul style="list-style-type: none"> <li>Graph Maker (in development)</li> <li>Spinner</li> </ul>		
Geometry	Geometric measurement: understand concepts of angle and measure angles.						<ul style="list-style-type: none"> <li>All About Angles</li> <li>pp 23-36</li> <li>pp 46-58</li> </ul>	<ul style="list-style-type: none"> <li>Paper Polygons</li> <li>pp 34-35</li> <li>pp 40-41</li> </ul>					<ul style="list-style-type: none"> <li>Tangram</li> <li>Pattern Blocks (in development)</li> <li>Spinner</li> </ul>		
	Draw and identify lines and angles, and classify shapes by properties of their lines and angles.						<ul style="list-style-type: none"> <li>Plane Puzzles</li> <li>pp 3-4</li> <li>pp 6-7</li> <li>pp 9-10</li> <li>pp 14-15</li> <li>pp 40-58</li> </ul>	<ul style="list-style-type: none"> <li>Faces and Frames</li> <li>pp 1</li> <li>pp 4-5</li> <li>pp 8-10</li> <li>pp 36-38</li> <li>pp 40-43</li> </ul>					<ul style="list-style-type: none"> <li>Tangram</li> <li>Pattern Blocks (in development)</li> </ul>		