

**Hampton-Brown Avenues, Grade 4**

correlated to

***The Academic Language Notebooks: The Language of Math (ALN), Level D***

Unit 1: Online with Gary Soto		
Center	<b>Determine Shoe Size</b> <ul style="list-style-type: none"> <li>• Measuring length</li> <li>• Using charts</li> <li>• Multiplication</li> </ul>	Module 17: Measures of Length Module 20: Read & Make Graphs Module 50: Multiplication & Division Concepts
Content-Area Connection	<b>Currency Around the World</b> <ul style="list-style-type: none"> <li>• Counting money</li> <li>• Multiplying with decimals</li> </ul>	Module 04: Money Module 30: Decimal Concepts
Unit 2: Native Land		
Center	<b>Count the Stars</b> <ul style="list-style-type: none"> <li>• Estimating</li> </ul>	Module 06: Estimation
Content-Area Connection	<b>Build a Scale Model</b> <ul style="list-style-type: none"> <li>• Creating a scale model</li> </ul>	Module 17: Measures of Length
Unit 3: Once Upon a Storm		
Center	<b>Model Tornado Problems</b> <ul style="list-style-type: none"> <li>• Elapsed time</li> </ul>	Module 16: Time
Content-Area Connection	<b>Make a Storm Graph</b> <ul style="list-style-type: none"> <li>• Using tally marks to collect data</li> <li>• Organizing data</li> <li>• Creating a bar graph</li> </ul>	Module 18: Collect & Organize Data Module 20: Read & Make Graphs

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Unit 4: Watery World		
Center	<b>Graph Ocean Facts</b> <ul style="list-style-type: none"> <li>Using data from charts to create a bar graph</li> </ul>	Module 20: Read & Make Graphs
Content-Area Connection	<b>Shark Lengths</b> <ul style="list-style-type: none"> <li>Using research to create charts</li> </ul>	Module 18: Collect & Organize Data
Unit 5: Cultural Ties		
Center	<b>Shop at a World Market</b> <ul style="list-style-type: none"> <li>Reading a chart</li> <li>Adding money</li> <li>Estimating</li> </ul>	Module 20: Read & Make Graphs Module 04: Money Module 06: Estimation Module 30: Decimal Concepts
Content-Area Connection	<b>Classroom Census</b> <ul style="list-style-type: none"> <li>Collecting and organizing data to create a line graph</li> </ul>	Module 18: Collect & Organize Data Module 19: Read & Make Graphs
Unit 6: This State of Mine		
Center	<b>Calculate Population Changes</b> <ul style="list-style-type: none"> <li>Adding and subtracting numbers to 1 million</li> </ul>	Module 01: Place Value Module 02: Compare & Order Whole Numbers
Content-Area Connection	<b>Estimate Tree Height</b> <ul style="list-style-type: none"> <li>Estimating</li> <li>Using formulas</li> <li>Evaluating strategies for solving problems</li> </ul>	Module 12: Mental Math & Estimation with Multiplication & Division Module 13: Algebraic Expressions Module 17: Linear Measurement
Unit 7: What's It Worth?		
Center	<b>Making Money</b> <ul style="list-style-type: none"> <li>Converting money</li> </ul>	Module 04: Money
Content-Area Connection	<b>Shop at a Class Store</b> <ul style="list-style-type: none"> <li>Calculating unit price</li> </ul>	Module 04: Money Module 18: Measures of Capacity & Weight/Mass Module 30: Decimal Concepts

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Unit 8: Rocky Tales		
Center	<b>Calculate Rock Use</b> <ul style="list-style-type: none"><li>• Multiplying</li><li>• Creating a bar graph</li></ul>	Module 10: Model Multiplication by 1- & 2-Digit Numbers Module 20: Read & Make Graphs