

Name: Schimmel, Gagnon, Moon		Qtr: 1	Week Beginning: Week 9/18/2023-9/22/2023
School Year: 2023-2024		Subject: 5 <sup>th</sup> Grade Math	
Mon	Notes:	Objective:	<p>Academic Standards:</p> <p>Academic Standards:</p> <p><b>5.NBT.A</b></p> <p>Understand the place value system.</p> <p><b>5.NBT.A.1</b></p> <p>Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to the left.</p> <p><b>5.L.4</b> Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.</p>

Tue	Notes:	<p>Objective:</p> <p><b>Content:</b></p> <ul style="list-style-type: none"> <li>• Students write a power of 10 as a multiplication with factors of 10.</li> <li>• Students write a power of 10 using a base of 10 and exponents.</li> <li>• Students use patterns to determine products when multiplying whole numbers by powers of 10.</li> <li>• Students explain patterns in the products when multiplying whole numbers by powers of 10.</li> <li>• Students estimate products of multi-digit factors using the same strategies used to estimate products of lesser factors.</li> <li>• Students use estimated products to make predictions about a calculated solution.</li> <li>• Students use estimated products to assess the reasonableness of a calculated solution.</li> </ul> <p><b>Language:</b></p> <ul style="list-style-type: none"> <li>• Students explain the steps to take to write a power of 10 as a multiplication expression while using the passive voice.</li> <li>• Students talk about the patterns they see in products while answering Wh-questions.</li> <li>• Students discuss estimating products while answering Wh-questions.</li> </ul> <p>Lesson Overview:</p> <p>Go over both DNA and Math Reveal Assessment Tests</p> <p>Math Reveal:</p> <p>5-1 Understand Powers and Exponents</p> <p>5-2: Patterns When Multiplying a Whole Number by Powers of 10</p> <p>5-3: Estimate Products of Multi-Digit Factors</p> <p>Vocabulary: base, exponent, exponential form, power of 10, estimate, round</p>	<p>Academic Standards:</p> <p><b>5.NBT.A2</b></p> <p>Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10.</p> <p><b>5.NBT.B.5</b></p> <p>Fluency multiply multi-digit whole numbers using a standard algorithm.</p> <p><b>5.L.4</b></p> <p>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.</p>
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