

Key Learning: Our knowledge about patterns, sequences and relationships can help us to make connections between mathematics and the real world.

Unit Essential Question: How do we use patterns and sequences to find relationships between quantities?

<p>Concept:</p> <p>Representing Number Patterns</p>	<p>Concept:</p> <p>Connecting Patterns to Multiplication</p>	<p>Concept:</p>	<p>Concept:</p>
<p>Lesson Essential Questions:</p> <p>How do we use a table to organize and represent data?</p> <p>How do I represent the missing parts of a pattern?</p>	<p>Lesson Essential Questions:</p> <p>How can we construct and extend a pattern with repeated elements?</p> <p>How do patterns show relationships between quantities?</p> <p>How do patterns connect to multiplication?</p>	<p>Lesson Essential Questions:</p>	<p>Lesson Essential Questions:</p>
<p>How can I show my solution in another way? How can I share my ideas with others effectively?</p>			
<p>Vocabulary:</p> <p>Quantity, representation, table, column, row, floor plan, triangle, hexagon, trapezoid, rhombus, array,</p>	<p>Vocabulary:</p> <p>repeating pattern, unit, even, odd, multiple, element</p>	<p>Vocabulary:</p>	<p>Vocabulary:</p>
<p>Additional Information & Resources: Ratio is not 2nd grade term however it provides connections for future learning. MP#2: Reason abstractly & quantitatively – Students are working with mathematical & real –world contexts to reason with numbers & patterns. MP#4: Model with mathematics – Students are applying patterns to the real world or modeling real world situations with patterns.</p>			

