

NUMBER
<p><b>General Outcome</b>  <i>Develop number sense.</i></p>
<p>1.N.1. Say the number sequence by</p> <ul style="list-style-type: none"> <li>■ 1s forward and backward between any two given numbers (0 to 100)</li> <li>■ 2s to 30, forward starting at 0</li> <li>■ 5s and 10s to 100, forward starting at 0</li> </ul> <p>[C, CN, ME, V]</p> <p>1.N.2. Subitize and name familiar arrangements of 1 to 10 dots (or objects).                      [C, CN, ME, V]</p> <p>1.N.3. Demonstrate an understanding of counting by</p> <ul style="list-style-type: none"> <li>■ using the counting-on strategy</li> <li>■ using parts or equal groups to count sets</li> </ul> <p>[C, CN, ME, R, V]</p> <p>1.N.4. Represent and describe numbers to 20, concretely, pictorially, and symbolically.                      [C, CN, V]</p> <p>1.N.5. Compare and order sets containing up to 20 elements to solve problems using</p> <ul style="list-style-type: none"> <li>■ referents</li> <li>■ one-to-one correspondence</li> </ul> <p>[C, CN, ME, PS, R, V]</p> <p>1.N.6. Estimate quantities to 20 by using referents.                      [C, ME, PS, R, V]</p> <p>1.N.7. Demonstrate, concretely and pictorially, how a number, up to 30, can be represented by a variety of equal groups with and without singles.                      [C, R, V]</p>

<p>1.N.8. Identify the number, up to 20, that is one more, two more, one less, and two less than a given number                      [C, CN, ME, R, V]</p> <p>1.N.9. Demonstrate an understanding of addition of numbers with answers to 20 and their corresponding subtraction facts, concretely, pictorially, and symbolically, by</p> <ul style="list-style-type: none"> <li>■ using familiar and mathematical language to describe additive and subtractive actions from their experience</li> <li>■ creating and solving problems in context that involve addition and subtraction</li> <li>■ modelling addition and subtraction using a variety of concrete and visual representations, and recording the process symbolically</li> </ul> <p>[C, CN, ME, PS, R, V]</p> <p>1.N.10. Describe and use mental mathematics strategies, including</p> <ul style="list-style-type: none"> <li>■ counting on, counting back</li> <li>■ using one more, one less</li> <li>■ making 10</li> <li>■ starting from known doubles</li> <li>■ using addition to subtract to determine the basic addition and related subtraction facts to 18.</li> </ul> <p>[C, CN, ME, PS, R, V]</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Recall of one more and one less, complementary (compatible) numbers that add up to 5 and 10, doubles (up to <math>5 + 5</math>), and related subtraction facts is expected by the end of Grade 1.</p> </div>
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PATTERNS AND RELATIONS
<p><b>General Outcome</b>  <i>Use patterns to describe the world and solve problems.</i></p>
<p>1.PR.1. Demonstrate an understanding of repeating patterns (two to four elements) by</p> <ul style="list-style-type: none"> <li>■ describing</li> <li>■ reproducing</li> <li>■ extending</li> <li>■ creating</li> </ul> <p>patterns using manipulatives, diagrams, sounds, and actions.                      [C, PS, R, V]</p> <p>1.PR.2. Translate repeating patterns from one representation to another.                      [C, R, V]</p>
<p><b>General Outcome</b>  <i>Represent algebraic expressions in multiple ways.</i></p>
<p>1.PR.3. Describe equality as a balance and inequality as an imbalance, concretely and pictorially (0 to 20).                      [C, CN, R, V]</p> <p>1.PR.4. Record equalities using the equal symbol (0 to 20).                      [C, CN, PS, V]</p>

SHAPE AND SPACE
<p><b>General Outcome</b>  <i>Use direct or indirect measurement to solve problems.</i></p>
<p>1.SS.1. Demonstrate an understanding of measurement as a process of comparing by</p> <ul style="list-style-type: none"> <li>■ identifying attributes that can be compared</li> <li>■ ordering objects</li> <li>■ making statements of comparison</li> <li>■ filling, covering, or matching</li> </ul> <p>[C, CN, PS, R, V]</p>
<p><b>General Outcome</b>  <i>Describe the characteristics of 3-D objects and 2-D shapes, and analyze the relationships among them.</i></p>
<p>1.SS.2. Sort 3-D objects and 2-D shapes using one attribute, and explain the sorting rule.                      [C, CN, R, V]</p> <p>1.SS.3. Replicate composite 2-D shapes and 3-D objects.                      [CN, PS, V]</p> <p>1.SS.4. Compare 2-D shapes to parts of 3-D objects in the environment.                      [C, CN, V]</p>

STATISTICS AND PROBABILITY
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