KINDERGARTEN

[C]	Communication	**[PS]**	Problem Solving
[CN]	Connections	**[R]**	Reasoning
[ME]	Mental Mathematics and Estimation	**[T]**	Technology
		[V]	Visualization

NUMBER

General Outcome
Develop number sense.

Specific Outcomes
1. Say the number sequence 1 to 10 by 1s, starting anywhere from 1 to 10 and from 10 to 1.
   [C, CN, V]

2. Subitize (recognize at a glance) and name familiar arrangements of 1 to 5 objects or dots.
   [C, CN, ME, V]

3. Relate a numeral, 1 to 10, to its respective quantity.
   [CN, R, V]

4. Represent and describe numbers 2 to 10, concretely and pictorially.
   [C, CN, ME, R, V]

5. Compare quantities 1 to 10, using one-to-one correspondence.
   [C, CN, V]

PATTERNS AND RELATIONS (Patterns)

General Outcome
Use patterns to describe the world and to solve problems.

Specific Outcomes
1. Demonstrate an understanding of repeating patterns (two or three elements) by:
   - identifying
   - reproducing
   - extending
   - creating

   patterns using manipulatives, sounds and actions.
   [C, CN, PS, V]
   [ICT: P2–1.1]

2. Sort a set of objects based on a single attribute, and explain the sorting rule.
   [C, CN, PS, R, V]

SHAPE AND SPACE (Measurement)

General Outcome
Use direct and indirect measurement to solve problems.

Specific Outcomes
1. Use direct comparison to compare two objects based on a single attribute, such as length (height), mass (weight) and volume (capacity).
   [C, CN, PS, R, V]

SHAPE AND SPACE (3-D Objects and 2-D Shapes)

General Outcome
Describe the characteristics of 3-D objects and 2-D shapes, and analyze the relationships among them.

Specific Outcomes
2. Sort 3-D objects, using a single attribute.
    [C, CN, PS, R, V]

3. Build and describe 3-D objects.
    [CN, PS, V]