

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
 - creatingpatterns 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]