

# Kindergarten JUMP Math Correlation to the Alberta Curriculum

## NOTES:

JUMP Math strands are represented by:

NS Number Sense

ME Measurement

G Geometry

PA Patterns and Algebra

PDM Probability and Data Management

Number				
General Outcome				
Develop number sense.				
Specific Outcomes		JUMP Math Lessons		
1.	Say the number sequence 1 to 10 by 1s, starting anywhere from 1 to 10 and from 10 to 1. [C, CN, V]	Part	Unit	Lessons
		1	1	NSK-1 to 6, 8, 9, 11, 12, 14
		1	5	NSK-26, 27, 29, 30, 32, 33
		1	6	NSK-40
2.	Subitize (recognize at a glance) and name familiar arrangements of 1 to 5 objects or dots. [C, CN, ME, V]	Part	Unit	Lessons
		1	1	NSK-2, 3, 9, 12
		1	5	NSK-27, 30, 33
		2	8	NSK-44, 46
		2	9	NSK-57
3.	Relate a numeral, 1 to 10, to its respective quantity. [CN, R, V]	Part	Unit	Lessons
		1	1	NSK-2 to 6, 8, 9, 11, 12, 14
		1	5	NSK-26, 27, 29, 30, 32, 33

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Number				
4.	Represent and describe numbers 2 to 10, concretely and pictorially. [C, CN, ME, R, V]	<b>Part</b>	<b>Unit</b>	<b>Lessons</b>
		2	8	NSK-44 to 46
		2	9	NSK-55 to 60
		2	13	NSK-73, 74
		2	14	NSK-81
5.	Compare quantities 1 to 10, using one-to-one correspondence. [C, CN, V]	<b>Part</b>	<b>Unit</b>	<b>Lessons</b>
		1	2	NSK-16, 17, 19, 21
		1	6	NSK-37 to 41

Patterns & Relations — Patterns				
General Outcome				
Use patterns to describe the world and to solve problems.				
Specific Outcomes		JUMP Math Lessons		
1.	Demonstrate an understanding of repeating patterns (two or three elements) by: <ul style="list-style-type: none"> <li>identifying</li> <li>reproducing</li> <li>extending</li> <li>creating</li> </ul> patterns using manipulatives, sounds and actions. [C, CN, PS, V] [ICT: P2-1.1]	<b>Part</b>	<b>Unit</b>	<b>Lessons</b>
		1	4	PAK-3 to 6
		2	12	PAK-7 to 9
2.	Sort a set of objects based on a single attribute, and explain the sorting rule. [C, CN, PS, R, V]	<b>Part</b>	<b>Unit</b>	<b>Lessons</b>
		2	10	PDMK-2 to 4

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Shape & Space — Measurement				
General Outcome				
Use direct and indirect measurement to solve problems.				
Specific Outcomes		JUMP Math Lessons		
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]	Part	Unit	Lessons
		2	7	MEK-2, 4, 5, 8
Shape & 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		JUMP Math Lessons		
2.	Sort 3-D objects, using a single attribute. [C, CN, PS, R, V]	Part	Unit	Lessons
		2	11	GK-16 to 18
3.	Build and describe 3-D objects. [CN, PS, V]	Part	Unit	Lessons
		2	11	GK-22