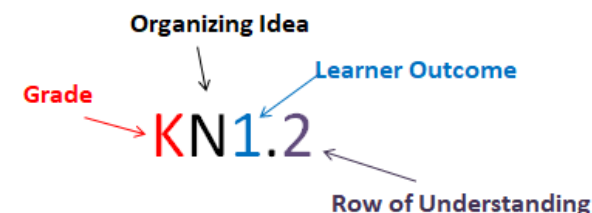


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Alberta Mathematics K-6 Scope and Sequence - Patterns

**** changes are highlighted in yellow**

	K	1	2	3	4	5	6
	KP1 Children identify and create repeating patterns.	1P1 Students examine patterns in cycles.	2P1 Students explain and analyze patterns in a variety of contexts.	3P1 Students analyze patterns in numerical sequences.	4P1 Students interpret and explain arithmetic and geometric sequences.	5P1 Students relate terms to position within an arithmetic sequence.	6P1 Students investigate functions to enhance understanding of change.
Patterns and Relations	KP1.1 Repeating patterns 1 or more elements Create a pattern with up to 3 repeating elements	1P1.1 Patterns in cycles seasons day/night life cycles calendars Up to 4 elements in pattern core in a cycle	2P1.1 Increasing and decreasing numerical and non-numerical patterns 2P1.2 Pattern up to 4 elements that change by more than 1 attribute	3P1.1 Patterns in numerical sequences - both finite and infinite sequences Ordinal numbers 3P1.2 Numerical sequences can be made using addition, subtraction, multiplication or division (skip-counting)	4P1.1 Arithmetic sequences both increasing and decreasing -triangular and square number - Fibonacci sequence 4P1.2 Arithmetic vs. Geometric sequences	5P1.1 Arithmetic sequence in tables Algebraic expressions, limited to one operation Graphing table of values in a coordinate grid-linear relations.	6P1.1 Functions

