

Mathematics
Unit 1: Algebra Concepts

Essential Understandings	Patterns can be found in many forms.
Essential Questions	- What is a pattern? - How does one describe a pattern? - How can a pattern be used to make a prediction? - How does one extend a pattern? - How can finding patterns help with counting? - How can one use skip counting to count by 10s to 100?
Essential Knowledge	- The same objects can be sorted and classified in many ways. - Patterns repeat. - One can use patterns to make predictions about what comes next. - Numbers have patterns when one counts.
Vocabulary	<u>Terms</u>: - identify, reproduce, patterns, repeating, non-repeating, extend, create, continue, forwards, backwards, up, on, back, group, skip-counting, before, after, missing
Essential Skills	- Identify, reproduce, create, and extend simple patterns (i.e., abab). (I, R, A) - Identify patterns of numbers when skip counting by 10s to 100. (I, R)
Related Maine Learning Results	D. Algebra Functions and Relations D3.Students understand how to create, identify, describe, and extend patterns given a pattern or a rule. a. Describe, extend and create repeating patterns.