



Content Correlation Chart

Episode 24 – How Things Stack Up... and Down!

Major Concepts	Grades	Patterning and Algebra
1. Creating and extending repeating patterns 2. Identifying and describing repeating patterns and growing and shrinking patterns	1	<ul style="list-style-type: none"> Identify, describe, and extend, through investigation, geometric repeating patterns Identify and extend, through investigation, numeric repeating patterns Identify a rule for a repeating pattern (e.g., "We're lining up boy, girl, boy, girl, boy, girl.") Create a repeating pattern Represent a given repeating pattern in a variety of ways
	2	<ul style="list-style-type: none"> Identify and describe, through investigation, growing patterns and shrinking patterns generated by the repeated addition Identify, describe, and create, through investigation, growing patterns and shrinking patterns involving addition and subtraction Represent a given growing or shrinking pattern in a variety of ways (e.g., using pictures, actions, colours, sounds, numbers, letters, number lines, bar graphs) Create growing or shrinking patterns (Sample problem: Create a shrinking pattern using cut-outs of pennies and/or nickels, starting with 20 cents.) Demonstrate, through investigation, an understanding that a pattern results from repeating an operation (e.g., addition, subtraction) or making a repeated change to an attribute (e.g., colour, orientation)