



**Content Correlation Chart**  
**Episode 7 – Code Name: Rad**

Major Concepts	Grades	Number Sense and Numeration	Patterning and Algebra	Data Management and Probability
1. Identifying and extending and creating repeating patterns, growing patterns and shrinking patterns 2. Introducing the notion of variable	1	<ul style="list-style-type: none"> <li>• Represent, compare, and order whole numbers to 50, using a variety of tools and contexts</li> <li>• Solve a variety of problems involving the addition and subtraction of whole numbers to 20, using concrete materials and drawings</li> <li>• Solve problems involving the addition and subtraction of single-digit whole numbers, using a variety of mental strategies</li> </ul>	<ul style="list-style-type: none"> <li>• Identify, describe, and extend, through investigation, geometric repeating patterns involving one attribute</li> <li>• Identify and extend, through investigation, numeric repeating patterns</li> <li>• Identify a rule for a repeating pattern</li> <li>• Represent a given repeating pattern in a variety of ways</li> </ul>	<ul style="list-style-type: none"> <li>• Read primary data presented in concrete graphs and pictographs, and describe the data using comparative language</li> <li>• Pose and answer questions about collected data</li> </ul>
	2	<ul style="list-style-type: none"> <li>• Represent, compare, and order whole numbers to 100 using a variety of tools</li> <li>• Solve problems involving the addition and subtraction of whole numbers to 18, using a variety of mental strategies</li> </ul>	<ul style="list-style-type: none"> <li>• Identify and describe, through investigation, growing patterns and shrinking patterns generated by the repeated addition or subtraction of 1's, 2's, 5's, 10's, and 25's</li> <li>• Identify, describe, and create, through investigation, growing patterns and shrinking patterns involving addition and subtraction, with and without the use of calculators</li> <li>• Identify repeating, growing, and shrinking patterns found in real-life contexts</li> <li>• Demonstrate, through investigation, an understanding that a pattern results from repeating an operation</li> </ul>	<ul style="list-style-type: none"> <li>• Read primary data presented in concrete graphs, pictographs, line plots, simple bar graphs, and other graphic organizers and describe the data using mathematical language</li> </ul>