



Content Correlation Chart

Episode 5 – Numberlicious

Major Concepts	Grades	Number Sense and Numeration	Measurement	Geometry and Spatial Sense	Process Skills and/or Problem Solving
1. Measuring volume and capacity 2. Comparing volume and capacity 3. Choosing appropriate tools for measuring volume and capacity 4. Doubling (skip counting by 2s) 5. Following step-by-step instructions	1	<ul style="list-style-type: none"> Divide whole objects into parts and identify and describe, through investigation, equal-sized parts of the whole, using fractional names (e.g., halves; fourths or quarters) Count forward by 1's, 2's, 5's, and 10's to 100, using a variety of tools and strategies (e.g., move with steps; skip count on a number line; place counters on a hundreds chart; connect cubes to show equal groups; count groups) Solve problems involving the addition and subtraction of single-digit whole numbers, using a variety of mental strategies (e.g., one more than, one less than, counting on, counting back, doubles) 	<ul style="list-style-type: none"> Compare two or three objects using measurable attributes (e.g., length, height, width, area, temperature, mass, capacity), and describe the objects using relative terms (e.g., <i>taller</i>, <i>heavier</i>, <i>faster</i>, <i>bigger</i>, <i>warmer</i>; "If I put an eraser, a pencil, and a metre stick beside each other, I can see that the eraser is shortest and the metre stick is longest.") Describe, through investigation using concrete materials, the relationship between the size of a unit and the number of units needed to measure 		<p>Problem Solving :</p> <ul style="list-style-type: none"> Identify the information given and the information that needs to be determined Consider possible strategies Select a strategy or a combination of strategies Execute the chosen strategy Do the necessary calculations Revise or apply different strategies as necessary Review the method used: Did it make sense? Is there a better way to approach the problem? Consider extensions or variations <p>Process Skills :</p> <ul style="list-style-type: none"> using manipulatives, such as measuring cups and spoons to: see patterns and relationships; make connections between concrete and the abstract; test, revise, and confirm their reasoning; and communicate their reasoning to others



	2		<ul style="list-style-type: none">• Estimate, measure, and record the capacity and/or mass of an object, using a variety of non-standard units (e.g., "I used the pan balance and found that the stapler has the same mass as my pencil case.")• Compare and order a collection of objects by mass and/or capacity, using non-standard units (e.g., "The coffee can holds more sand than the soup can, but the same amount as the small pail.")	<ul style="list-style-type: none">• Distinguish between the attributes of an object that are geometric properties (e.g., number of sides, number of faces) and the attributes that are not geometric properties	
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