



Content Correlation Chart
Episode 25 – A Balancing Act!

Major Concepts	Grades	Measurement	Patterning and Algebra
1. Measuring using non-standard units 2. Comparing objects using measurable attributes 3. Comparing objects using non-standard units	1	<ul style="list-style-type: none"> Estimate, measure, and describe the mass of an object, through investigation using non-standard units (e.g., "My journal has the same mass as 13 pencils." "The juice can has the same capacity as 4 pop cans.") Compare two or three objects using measurable attributes (e.g., mass) and describe the objects using relative terms (e.g., heavier) 	<ul style="list-style-type: none"> Demonstrate examples of equality, through investigation, using a "balance" model (Sample problem: Demonstrate, using a pan balance, that a train of 7 attached cubes on one side balances a train of 3 cubes and a train of 4 cubes on the other side.) Demonstrate an understanding of the concept of equality
4. Introducing the concept of equality using only concrete materials	2	<ul style="list-style-type: none"> Estimate, measure, and record the 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.") 	<ul style="list-style-type: none"> Represent, through investigation with concrete materials and pictures expressions that are equal, using the equal sign
5. Comparing the mass of objects 6. Developing the concept of equality	3	<ul style="list-style-type: none"> Compare and order a collection of objects by mass 	