

Name: \_\_\_\_\_ Period: \_\_\_\_\_

## **Study Guide Balance Cycle**

**Math 7 Week 1: March 27<sup>th</sup> – March 31<sup>st</sup>**

### **Essential Questions:**

- How do geometric models describe spatial relationships?
- How are geometric shapes and objects classified?

### **Overview:**

We are beginning our geometry unit. We are looking at 2D and 3D shapes and finding the area and volume of them respectfully. We will be working with a hands-on manipulative to make the measurements from then calculate the volume of them. This week we want to focus on the concrete before moving to abstract drawings and calculations.

### **Checklist of activities:**

<b>Complete?</b>	<b>Due Date</b>	<b>Assignments</b>
		<b>Introduction to Geometry: 2D and 3D Shapes (Montessori Material)</b>
	<b>3-29-17 (A-Day) 3-30-17 (B-Day)</b>	<b>Four 3D Shapes: Cone, Cuboid, Tertahedron, Triangular Prism</b>
	<b>3-29-17 (A-Day) 3-30-17 (B-Day)</b>	<b>In Class Assignment: Find the surface area and volume of the Four 3D Shapes</b>
	<b>3-31-17 (A-Day) 4-10-17 (B-Day)</b>	<b>In-Class Assignment: Volume and Surface Area of Spheres</b>