**Convection Currents**

ANSWER IN COMPLETE SENTENCES:::

**1. Which way does the warmed water move?**

**2. What happens when the warmed water reaches the surface?**

**3. Which way does the cooler water on the edges of the beaker move?**

**4. What causes the cooled water to descend and the not to rise?**

**5. This activity models one of the mechanisms geologists think might drive plate tectonics. In this model, what does the water & food coloring represent? What does flame represent?**