Draw 3 pictures of how each type of water settled into the tub. Box 1 is for how the water drop started. Box 2 is where it went 5 seconds after you dropped the water in the tub. Box 3 is for 1 minute after you dropped the water into the tub. Recording this will help you see how fresh, salty, and cold water interact with each other. Be sure to note what color each type of water is in the key (e.g. blue, red, yellow, or green)

Color Key:

Fresh Room Temperature Water

Fresh Cold Water

Salty Room Temperature Water

Salty Cold Water

**Where did each type of water go when added to the tub of fresh water? Is there a pattern?**

**BOX 2**

**1 minute after drop added**

**BOX 2**

**5 seconds after drop added**

**BOX 1**

**Just after drop added**

Water Line

Water Line

Water Line