**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Ocean Currents Student Lab Sheet**

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**Part One: Understanding Oceans**

1. **Fill your container with tap water.**
2. **Put blue food coloring in a cup of ice water.**
3. **Fill a syringe with the ice water and empty it carefully at each end of the container.**

**Observation:**

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 **4)** **What does the blue water represent? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Why was it placed at the far end of your container?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**PART TWO: Beat the Heat**

1. **Use the syringe to carefully put several drops of red hot water at the bottom of the middle of the container**.
2. **Remove the syringe and watch what happens to the red water**.

**Observation:**

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1. **Why is it important to study ocean currents? How do plants, animals, and humans use ocean currents?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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