

Ocean Investigation Lab

Topic: Currents – temperature

Directions: Read all procedures before beginning. On your lab sheet, fill in the topic line and answer the question “What do you know about the topic?”

Materials: large pan, food coloring, ice pack

Procedure:

1. Fill the container with about 3 cm of room temperature water.
2. Place the ice pack in the water against one end of the pan.
3. Record your prediction about what will happen when you complete step 4.
4. Squeeze a drop of food coloring in the water in front of the ice pack and another single drop in a corner at the opposite end.
5. Observe the movement of the food coloring.
6. Record your observations on the lab sheet.
7. Summarize your investigation on the lab sheet.
8. Answer “Are there new questions or investigations you would like to try?”
9. Repeat the experiment to see if there is a different result.
10. Prepare the station for the next group by dumping the water out of the pan.