



Unit 1: Dead Zones

Lesson 1: Discovering Properties of Water

Data sheet

Answer these questions using words or drawings or both

1. Which is more dense (circle one) – Warm water or Cold water
2. Predict what will happen when a jar of blue, warm water is inverted over a jar of yellow, cold water.
3. Describe what happened. What color is the metalimnion?
4. Predict what will happen when a jar of blue, warm water is inverted over a jar of clear, warm water.



5. Describe what happened. Did your prediction match what happened?

6. Predict what will happen when a jar of blue, cold water is inverted over a jar of clear, cold water.

7. Describe what happened. Rewrite your prediction to better fit with what happened.

8. Take another look at the jars of blue, warm and yellow, cold water. How has the water in the jars changed? Why?