

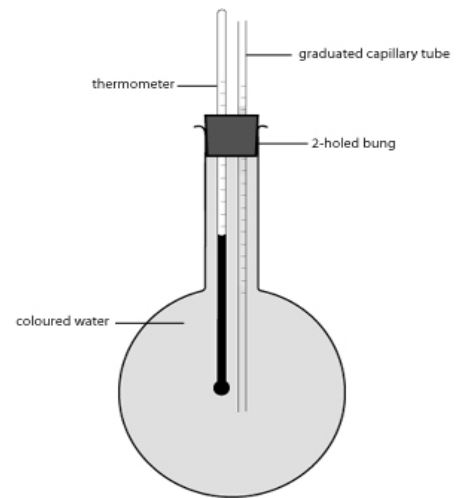
Which Takes Up More Space...Cold or Warm Water?

Make your prediction.

Hypothesis:

Now try to find out.

Materials: test tube
Food coloring
Stopper/glass tube
Small beaker
Warm water
Cold water



www.science.org.au/nova/018/018img/ghflask.jpg

Procedure:

1. Fill the test tube with tap water so that the level is about 1" below the top.
2. Place 1 drop of food coloring in the water.
Watch what happens to the dye. Describe what happens:
What is the name for this scientific process?
3. Place the stopper/glass tube into the test tube. Mark the water level with a marker.
4. Fill a small beaker with warm water.
5. Place the test tube (standing upright) in the beaker.

Observe what happens.

Data and Observations:

Explain what happened. You should refer back to your hypothesis in your explanation.

Conclusion: