

Grade 2 Week 6

UNDERWATER SPRINGS

MATERIALS:

one small bottle or jar (pill size) that doesn't float
a large glass jar
food coloring (red or blue)
tongs
hot water (ask an adult to help you)

PROCEDURE:

1. Fill the large glass jar with cold water
2. Fill the small bottle with very hot water.
3. Drop one or two drops of red or blue food coloring into the small bottle.
4. Using tongs, carefully lower the small bottle into the large jar.
5. Record your observations.

HOW DOES IT WORK?

The hot water is less dense (lighter) than the cold water so it rises and floats to the top of the jar.