

WORKSHEET 12

Activity - Eggsperiment

Print and copy this worksheet for use in the classroom.

In this teacher demonstration, you will use an egg to investigate changes in air pressure.



Equipment

- hard boiled egg
- matches
- paper towel
- small jar or bottle with an opening large enough to let an egg almost pass through.

Safety

This should be done as a demonstration activity.

Procedure

1. Peel the hard boiled egg
2. Ignite a small piece of paper and drop it into the bottle
3. Immediately place the egg gently on the opening of the bottle, small end first. The egg may "dance" and wobble on top of the opening.
4. Wait until the egg is drawn (really, pushed) into the jar.
5. Ask students to suggest ways of getting the egg out of the bottle.
6. Hold the bottle upside down with the small end of the egg in the bottle neck.
7. Tilt the bottle down until there is a small opening between the neck of the bottle and the egg.
8. Blow hard into the bottle making a closed seal with your mouth. Before you remove your mouth, tilt the bottle upside down.

