

Laboratory Procedure and Data Collection Sheet: Lab 1, Part 2—Funnel in a bottle

Materials

2-liter plastic beverage bottle
Small-mouthed glass or plastic funnel
Container with water
Modeling clay

Procedure

- 1) Place a small, narrow-stemmed glass or plastic funnel on top of a 2L soft drink bottle.
- 2) Use the modeling clay to seal the opening between the bottle and the funnel, making sure it is completely sealed. Make a prediction based on what you think will happen to water when it is poured into the funnel. Record your prediction below.

- 3) Slowly pour water into the funnel until the funnel is filled half way.
- 4) Record your observations in the space below.

Does air take up space? Provide your answer and reasoning in the space below.