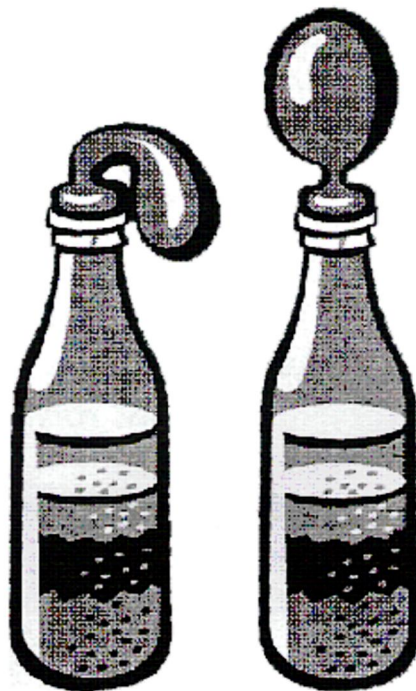


Materials

- 1 hard cooked egg
- 2 lettuce leaves
- 500ml plastic bottle
- 1 balloon
- Measuring cylinder
- 50g sand
- 25ml dirty water (water with a bit of soil in it)
- Masking tape
- Scale or weights
- Paper to design table or chart



Instructions

1. Measure 20g of egg and place in bottle.
2. Tear the lettuce into small pieces and place in bottle on top of the egg.
3. Measure 50g of sand and pour the sand into the bottle so that it covers the egg and lettuce. Do not shake the bottle.
4. Measure 25ml dirty water into the cylinder, and then slowly pour the water into the bottle.
5. Stretch the opening of the balloon over the opening of the bottle. Seal with masking tape.
6. Move the bottle to a warm place. Try not to shake the bottle while moving it.
7. Record a prediction about what will happen on the next page.
8. Design a chart or table to record daily observations and record observations over 4 days.
9. Complete questions about your results on the next page.

Prediction:

What will happen over the next few days?

Results:

1. What happened to the substances in the bottle over time?

2. What do you think caused the changes in the balloon?

3. What could we call the new substance that was formed?
