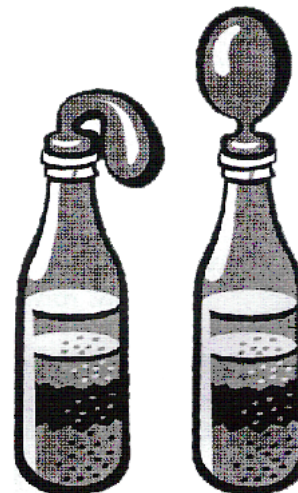


It's a Gas - Natural Gas Experiment

Materials

- 20g raw ground beef, 20g tuna, or 1 hard cooked egg with shell
- 2 lettuce leaves
- 1 clear plastic bottle
- 1 balloon
- Graduated cylinder
- 50g of sand
- 25ml aquarium or pond water
- Masking tape
- Balance scale/weights



Instructions

1. Collect all of the material listed above.
2. Using the graduated cylinder measure 20g of the organic substance (ground beef, tuna, or cooked egg) you chose. After measuring the correct amount of one of the organic substance pour it into you bottle.
3. Tear the leaves of lettuce into small pieces and place them into the bottle on top of the organic substance.
4. Using the balance scale, carefully measure 50g of sand into your graduated cylinder. Remember to take into consideration the weight of the cylinder first. Then pour the sand into the bottle so that the sand covers the organic substance and lettuce. Do not shake the bottle.
5. Measure 25ml of water. Slowly pour the water into the bottle. Try to make the water run down the inside of the bottle instead of pouring the water directly onto the sand.
6. Next, stretch the opening of the balloon over the opening of the bottle. Seal with masking tape
7. Carefully move the bottle to a warm place. Try to not shake the bottle while moving it.

Lab Questions

1. Predict what will happen over the next few days. _____

2. Individually design a chart to record your daily observations (changes in the balloon, etc.). Attach each members chart to the back of the lab packet before turning it in for the day.