

WEEK 2: 22 - 26 / FEBRERO / 2021

Session 3: Read the text and write the names of the sections.

A) Results

D) Tools and materials

B) Procedure

E) Warning

C) Blow up Balloon with CO₂

- Small plastic bottle
- Vinegar
- Lemon juice)
- Baking soda
- Balloon
- Teaspoon
- Two funnels



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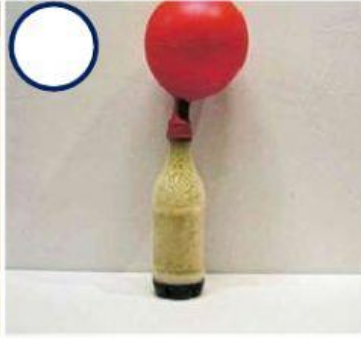
1. **First**, pour 1cm of water into the bottle,
2. **Second**, add about 2 cm of vinegar
3. **Third**, use a funnel to put 2 teaspoons of baking soda into the balloon
4. **Next**, place the balloon over the mouth of the bottle, making sure none of the baking powder falls into the bottle.
5. **Then**, lift the end of the balloon and pour all the baking powder into the bottle in one go.
6. **After**, Shake the bottle well.
7. **Finally**, watch the balloon inflate all by itself.

NOTE:

The more vinegar and baking soda used, the more extreme the reaction.

There is a reaction between the base (baking soda) and the acid (vinegar). This reaction produces a gas called carbon dioxide or CO₂ (one of the gases we breathe out). The gas produced by the reaction rises up and escapes through the plastic bottle, it doesn't however escape the balloon, pushing it outwards and blowing it up.

Session 4: Following exercise 4, put the pictures in order.



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