

Tuesday 2nd March 2021

LI: To be able to carry out a fair test and write up the findings.

Steps for Success

Assessment

P

T

1) I can watch the video of the fair test (experiment).

2) I can explain what happened in test.

3) I can write up what I found out.

Next Step Question: Why would the test not work if the bottles were not the same size?

Key Vocabulary

Experiment – a test or a trial to discover what happens to something.

Investigation – a quest to find the answer to something.

Fair test - A **fair test** is a **test** that controls all but one variable when attempting to answer a **scientific** question.

Let's remind ourselves of what was needed for the investigation.

Equipment Needed for Experiment:

- Two bottles that are exactly the same
- Two corks
- Two thermometers
- Vinegar
- Baking soda
- Measuring spoons
- Funnel
- Measuring jug (beaker)
- Tissues
- Two sun lamps



Let's recap on how we thought the lady would do the investigation.

First, we need to know that when you mix **vinegar** and **baking soda** together, it makes the **gas Carbon Dioxide**!



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[Watch the video](#)

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Next Step Question: Why would the test not work if the bottles were not the same size?

This is what I will do:

I will make it a fair test by ...

I found out that ...

Now we will write a paragraph to explain what happened in the experiment.
What did we find out from the investigation?