



Balloons and Yeast

You will need:

Yeast, sugar, warm water, jug, balloon, plastic bottle, teaspoon

What to do:

1. Blow up the balloon a few times to stretch it.
2. Mix 2 tsp yeast with a small amount of warm water in the jug.
3. Add 1tsp sugar and stir the mixture.
4. Add to the plastic bottle and swirl.
5. Place the balloon over the neck of the bottle –Leave.

Take it further:

How long before the balloon becomes inflated?

What happens if you add more/less yeast?

What happens if you add more/less sugar?

The Science:

Yeast is a fungus, a living micro-organism –when the dry yeast dissolves it becomes active, uses the sugar for energy and gives off carbon dioxide.

This fills the plastic bottle and inflates the balloon.

