

## Egg whites and yolks!



Sometimes when you are cooking, you need either the egg white or the yolk (the yellow bit). This experiment shows you an easy way to separate them from each other.

### Equipment

- 2 bowls
- An egg
- An empty plastic drinks bottle

### Method

1. Crack the egg and put it into one of the bowls. You may need an adult to help you.
2. Take the bottle and squeeze it tightly.
3. Put the opening of the bottle over the egg yolk.
4. Release the pressure on the bottle so that it is no longer being squeezed.
5. The yolk will pop up into the bottle!
6. Hold the bottle over the other bowl and pour the yolk out.

### What's happening?

When you squeeze the bottle air comes out of it. When you release the 'squeeze' air is forced back inside the bottle to fill the space. If the yolk is at the opening of the bottle, this will rush into the bottle instead of the air. The reason why only the yolk gets sucked up, is because it is thicker than the egg white.

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Now try this...

Eggs are really great to use for STEM activities. Click on the links below for some eggciting ideas!

<https://www.science-sparks.com/10-egg-science-experiments/>

<https://littlebinsforlittlehands.com/egg-science-experiments-for-easter-stem/>