

# Super Potion Experiment



Have fun creating your own superhero potions, but remember, these potions are for effect and not to actually drink.

## You Will Need

- bowls or small containers
- bicarbonate of soda
- teaspoon
- white vinegar
- food colouring



## Instructions

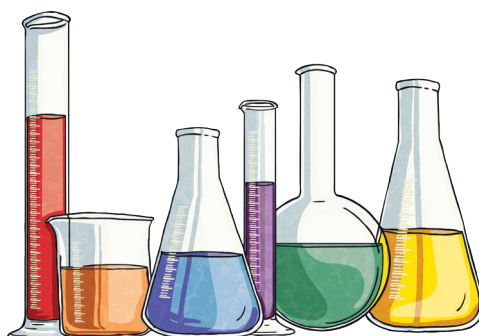
1. Put a teaspoon of bicarbonate of soda in each bowl.
2. Add a drop of food colouring to each bowl. You could try one colour, a range of colours or even adding a combination of colours to each potion.
3. Add a teaspoon of white vinegar to each bowl.
4. Carefully mix the potion.
5. Watch the magic reaction!



Vinegar is an acid. When an acid mixes with a base, such as bicarbonate of soda, they react. A gas called carbon dioxide is released, which causes the fizzing sound.

## Science Experiment

- You could experiment with different amounts of bicarbonate of soda and vinegar. How does this change the reaction of the super potion?
- Does the amount of food colouring change the outcome? Why do you think this is?



We hope the information on our website and resource is useful. However, some ingredients and/or materials used might cause allergic reactions, so if you have any concerns about your own or somebody else's health or wellbeing, always speak to a qualified health professional. Remember, activities listed within the resource should always be supervised by an appropriate adult.