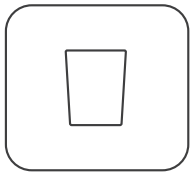




Exploding Rainbows

You will need...



Clear container x 7



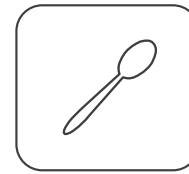
Food colouring



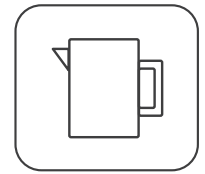
Baking soda



White Vinegar



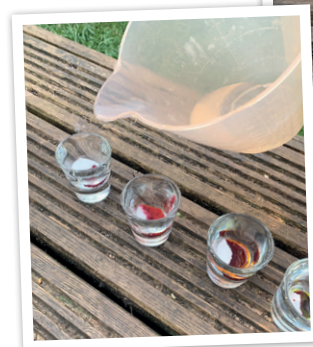
Spoon



Jug

Instructions

- ① Prepare your clear containers – ideally do this outside on a good day or make sure to use a protective sheet as it's a bit messy!
- ② Add baking soda to each container using a spoon. A small spoonful should do it but this does depend on the size of your container. This experiment works just as well with a small container.
- ③ Add two drops of food colouring to each container – red food colouring to your first container, orange to the second, yellow to the third, green to the fourth, blue to the fifth, indigo to the sixth and violet to the seventh or the closest colours you have.
- ④ Pour your vinegar into the container.
- ⑤ The reaction will happen quickly so be sure to watch carefully and enjoy your exploding rainbows!



How it works!

Baking soda and vinegar form a chemical reaction. This chemical reaction produces carbon dioxide gas which causes our rainbows to explode! The carbon dioxide gas escapes causing it to overflow the container.

REMEMBER TO ASK FOR ADULT PERMISSION AND/OR SUPERVISION WHEN REQUIRED!