

Experiments to try at home!

Note: Make sure you have an adult to help you when trying these experiments!

Grow your own crystals!

You will need:

- 🧴 1 cup of water
- 🧴 4 cups of sugar
- 🧴 Glass jars (6)
- 🧴 String (6)
- 🧴 Food colouring
- 🧴 Straws

What to do:

1. Cut the string so that each piece is a little longer than the jars. Tie one end of the string to the middle of a straw. Tie a knot in the other end.
2. Dip each string into the water, then coat them in sugar. Let them dry overnight.
3. The next day, put the water and sugar into a saucepan and, with the help of an adult, heat the mixture until boiling to make a supersaturated sugar solution. Remove from the heat before it begins to thicken and turn into toffee.
4. Once cooled, pour the mixture into the jars and add food colouring.
5. Carefully lower a string into each jar and leave them in a safe place for at least a week.
6. Once the crystals are large enough, you can remove them from the jars to take a closer look!

