

# Make a Rainbow

Dissolving sugar in water

Try this at home! You will need:

- Sugar coated candy (skittles, M&Ms, Smarties)
- A plate
- Water

Watch this video for help!

<https://www.youtube.com/watch?v=nkruWsAFaHo>

**Step 1:** Place some sugar coated candy around a plate. You can use either Skittles, M&Ms or Smarties. Separate them into different colours.

**Step 2:** Arrange the candy around the plate, however you want! Make a prediction. What will happen when the candy mixes with water?

**Step 3:** Pour some water onto the plate. Make sure there is enough water to make all of the candy nice and wet!

**Step 4:** Observe what happens!

**Step 5:** Make some conclusions. What did you see? Why did it happen?



# Mixtures

## Dissolving

**Dissolve**



**Soluble**



**Insoluble**



**Mixture**







# Mixtures

## Dissolving

**Transparent**



**Sugar**



**Salt**



**Colour**

