



# Rainbow Slime Science Experiment

## You will need:

5 bottles clear washable glue

Bottle liquid starch (child safe)

2 bowls per colour

1 spoon per colour

Water

Food colouring: red, yellow, blue

## The Activity

Follow these instructions for each different colour of the rainbow:

1. In one bowl, mix well  $\frac{1}{2}$  a cup of water and  $\frac{1}{2}$  a cup of glue.
2. Add the food colouring. A deeper colour will be produced the more colouring you add.
3. In a different bowl, pour in  $\frac{1}{2}$  a cup of liquid starch.
4. Combine the glue/water mixture with the starch using the spoon. Ensure all the glue is added and stir well.
5. As the mixture comes together, start to use your hands to get all the ingredients into one large ball.
6. To make the secondary colours, mix together the appropriate colours:
  - For green, use yellow and blue,
  - For orange, use red and yellow,
  - For purple, use red, yellow and blue.
7. Stretch out each batch of slime next to each other to create a rainbow.
8. The more the slime is played with, the more the colours will mix.





**What does the slime feel like?**

**Can you make shapes with the slime?**

**What happens if you mix red and blue slime?**

**What happens if you mix red and yellow slime?**

**What happens if you mix yellow and blue slime?**

**What happens if you mix red, yellow and blue slime?**



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