

2 Make alien slime

Experiment with super-gloop from another planet.

What you need

- 100g clear glue
- A few drops of green food colouring
- 4tbsp slime activator
- Latex gloves
- Bowl
- Lollipop stick
- Plastic pot (we recycled a fruit pot)
- Googly eyes

How does it work?

Slime activator contains boric acid, which is the magic ingredient in this experiment. The glue has long, flexible molecules (groups of atoms) called polymers, which slide past each other allowing it to flow like liquid. When boric acid is added to the mixture, it starts to link the glue polymers together so they cannot move as freely. This stiffens the solution, changing it from a liquid to a rubbery mixture – otherwise known as alien slime.

WARNING!

Slime activator contains dilute boric acid which may irritate the skin. It is advisable to wear protective gloves.

SLIME TIME

In 2020, astronauts on the International Space Station played with two litres of green goo.



1 Put on some protective gloves, and grab a bowl and a lollipop stick. Mix together the clear glue and green food colouring in the bowl, using the lollipop stick to blend it together.



2 Now add your slime activator and mix quickly. The slime thickens as the activator works, so it will get harder to stir. Check the firmness of the slime. If it looks too runny, add more activator.



3 When you're happy with the thickness of your slime, pour it into a clear pot. Glue some googly eyes to the front of the pot to create your gloopy alien. Enjoy playing with your new friend!