

SLIME

'LET ME SCIENCE THAT FOR YOU'

Making slime is super fun, its gooey, sticky, you can make it all kinds of different colours, you can put things in it and it does weird things if you squish it slowly or squish it quickly.



RECIPE

INGREDIENTS

- PVA glue
- Bicarbonate of soda
- Formil liquid bio (Lidl)
- Poster paint or food colouring

METHOD

- Roughly 1 part Formil to 4 parts PVA glue
- Add Formil slowly
- If too sticky - add more Formil
- If too tough - add more PVA

Watch our instruction video on YouTube!

SLIME GAMES

Stretch your slime **slooooooowly** – what happens?
Stretch your slime **quickly** – what happens?

When we make slime, we're doing polymer science, which is something a chemist does to make everything from nappies to paint, by joining materials together.

A polymer is a big chain of molecules joined together – it's a Greek word that means 'many parts'.



POLYMER PLASTIC!



Slime is lots of fun, BUT when we make slime we've made a PLASTIC!

It is only the water that is making the slime feel like a liquid – if we let the water evaporate we would end up with a solid lump of non-biodegradable plastic!

If we want to make slime, there are good ways to reduce the amount of plastic we make.

- Keep your slime! Don't keep making more, store it in an airtight box and reuse it.
- Don't add extra plastic (like glitter and beads) to your slime, it already has enough plastic in it!
- Once you are finished playing with the slime you can break it down with vinegar.



OR

Make a biodegradable slime!



PSYLLIUM HUSK SLIME

Watch our instruction video on YouTube!

- 1 tablespoon of psyllium husk (you can get psyllium husk from a health food store).
- Add 1 cup of water to the psyllium husk powder, add a drop of food colouring, then mix really well.
- Microwave the mixture for 3 minutes (get an adult to help you). The mixture will be very hot after it has been microwaved.
- Chill the mixture in the fridge until it reaches room temperature.
- Your fully biodegradable slime is now ready!

Instruction video link:

https://youtu.be/1CXGUvhY_Ds



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