

Cornflour slimeballs !!

Some substances sometimes just can't make up their mind whether they're a liquid or a solid!
See what we mean with this messy experiment

What you need



Cornflour



water



a wooden spoon,



a bowl.

What to do

- Pour half a box of cornflour into a bowl. Then gradually pour water over and mix until it looks and feels like custard.
- Run your fingers through the liquid.
- Now try and punch the mixture with your fist.

What happens ?

When you run your fingers through it, it acts like a liquid. But when you punch it, it becomes hard and behaves like a solid. (If it doesn't, try adding some more cornflour.)

How and why

The cornflour particles are suspended in the water, so it flows like a liquid. But when you apply a force to it, the particles lock together, acting like a solid. As soon as the force stops, the slime goes back to being runny.

What you can do



Roll it up hard in your hand so it makes a ball. See if you can throw it to your friend before it turns back into slime! Only do this outside though!