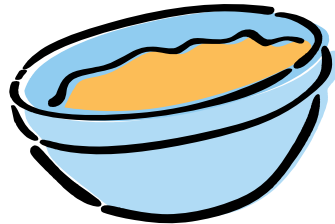


DINO'S DYNAMOS Experiment

Make Your Own GOO!

What you need:

- Cornflour
- Water
- Plastic tub
- Tablespoon
- Optional food colouring

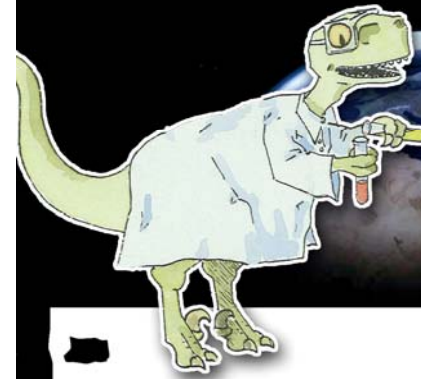


Step 1. Add ten heaped tablespoons of cornflour to your plastic container. Add a few drops of food colouring.

Step 2. Add ten tablespoons of water into your tub and mix together.

Step 3. Continue adding small amounts of water and mix together until it feels a bit like custard.

Step 4. Test your goo! Try to grab a piece and roll it into a ball. Hit it with a spoon, or poke it with your finger. How does it feel?



DINO'S DYNAMOS Experiment

Explain the experiment!

Cornflour and water mix to make a substance with strange properties. When you hit it quickly it feels hard, but when you touch it slowly it is soft and gooey.

It is called a non-Newtonian (said new-tone-e-an) fluid. When you hit it all the water is squeezed out leaving a hard solid behind. If you move slowly through it, the water stays in making it nice and slippy.

FACT! If you are caught in sinking sand the best thing to do is to lie on your back and float. Then you should be able to slowly swim to the edge.



Did you know? Isaac Newton was a famous scientist who discovered lots about the world. He was the first to discover the force of gravity. Some say it was when he saw an apple fall from a tree!

He also invented the telescope and a lot of mathematics.

