

# Activity Sheet;

# Cornflour and Water

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A liquid or a solid? *You can be the judge!*

## You will need:

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- ✓ *Cornflour*
- ✓ *Water*
- ✓ *Plastic tray or bowl*
- ✓ *Tablespoon*

## Instructions:

1. Put 4 tablespoons of cornflour in to a bowl.
2. Slowly add water until the cornflour turns into a thick liquid.
3. Stir the cornflour and see if you think it is a liquid or a solid.
4. Put some into the palm of your hand and roll it in to a ball, see what happens when you stop.

## What is happening?

Cornflour particles are suspended in water so it appears in a liquid form but when you apply force to it, the particles lock together and work as a solid. As soon as the force stop the particles go back to the liquid form.