



## Oobleck

### You will need:

Newspaper to spread on a bench or table – this activity can be messy!  
Mixing bowl, 1 cup cornflour, ½ cup water, food colouring, small container, scissors, paper clip

### What to do:

1. Spread newspaper on bench/table.
2. Put 1 cup cornflour into a mixing bowl.
3. Add a few drops of food colouring.
4. Slowly add ½ cup water, a little at a time, mixing it with your fingers until it is the consistency of honey
5. What does it look like? Is it a liquid or a solid?

### Take it further:

What happens if: You squeeze it? Shape it into a ball then let the ball sit on your hand? Punch it? Pour it into another container and try cutting it with scissors? Put a paper clip on top of it?

Read the story of Bartholomew and the Oobleck by Dr Seuss

### The Science:

Oobleck is a non-Newtonian fluid. That is, it acts like a liquid when being poured, but like a solid when a force is acting on it. You can grab it and then it will ooze out of your hands. Make enough Oobleck and you can even walk on it!

