

# EXPERIMENT



## You will need:

- 1 cup water
- 1-2 cups cornflour
- Food colouring (optional)

2

Pour 1 cup of cornflour into a big bowl. Slowly add in some water.



1

Add the water and a few drops of colouring to a jug. Mix together.



Is it a liquid?  
Is it a solid?

It's... **Slimy Oobleck!**

Oobleck is a non-Newtonian fluid. That means that it's a liquid, but sometimes behaves like a solid.

3

**START MIXING**

It's sticky.

It's messy.



It's a lot of fun.

4

The mixture is ready when it's thick like honey. If it's too thick add more water. If it's too thin add more cornflour.



Now let's observe and experiment!

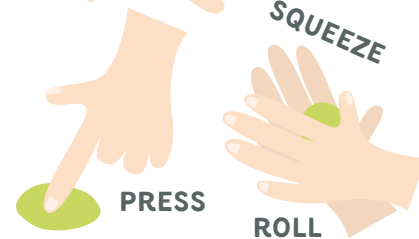
What happens when I...

- Hold it in my palm?
- Quickly press my fingers into the Oobleck?
- Squeeze the Oobleck?
- Slowly press my fingers into it?
- Roll it in my hands?

HOLD



SQUEEZE



PRESS

ROLL

Do not pour down the drain. Dispose in the bin.

The more pressure you apply to Oobleck, the harder it gets.