

# LET'S MAKE OOBLECK!

In this lesson, We're learning fluid mechanics by making Oobleck, a Non-Newtonian fluid!

## Materials

- Cornstarch (1 1/2 c)
- Water (1/2 c)
- Food Coloring
- Spoon
- Mixing Bowl
- Towel/Sheet (to protect table)

## Instructions

1. Add 8 - 12 drops of selected food coloring to water
2. Mix water into cornstarch
3. Mix with spoon until all ingredients are integrated

## Observations

What is a solid? What's a liquid?

Why does the oobleck stay a solid when your hand is closed?

Why does the oobleck drip when you open your hand?

## Parental Note

Play with the cornstarch and water ratio... if necessary, add more water bit by bit to be able to mix the ingredients together.

You may need to help smaller kids with mixing. It gets a bit tough due to its liquid/solid properties.

## STEAM Principles

**Science** - learn about non-Newtonian fluids and fluid mechanics

**Technology**- Usage of materials to conduct experiment

## Video Lesson

