

JR-SCIENTISTS

Oobleck

Cornstarch science activity is the perfect kitchen science activity that anyone can set up!

INSTRUCTIONS

STEP 1. In your bowl or baking dish, add the cornstarch.

STEP 2. If you want to give your oobleck a color such as green, add food coloring to your water first.

STEP 3. You can start mixing up your oobleck with a spoon, but you are going to need to get your hands in there at some point during the mixing process.

SUPPLIES

Cornstarch
Water
Bowl
Food coloring
(optional)
Toys
(optional)

NON NEWTONIAN FLUIDS

What are non Newtonian fluids?

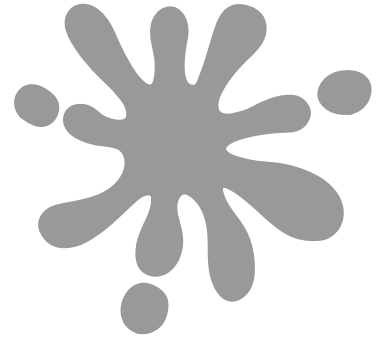
Are they a liquid or a solid or a bit of both? Non Newtonian fluids act like both a solid and a liquid. You can pick up non Newtonian fluids like a solid, but then it begins to flow like a liquid. It also will take the shape of whatever container it is put into instead of remaining a solid.

However, this non Newtonian fluid does not stay a solid for very long. Unlike water, non Newtonian fluids have a greater viscosity or thickness. Think like honey and water.

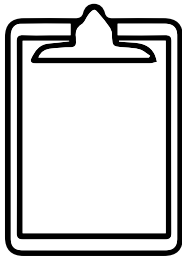


Oobleck Observations

Use this worksheet to process and evaluate your work.



Would you say the oobleck is a liquid, or is it more like a solid?



RECORD

What did you observe when you added water to the corn starch?

Leave your oobleck uncovered for a day. What do you think will happen?

Does the texture change the more you play with it?

What did you learn?
