

Oobleck



DIY Resource Sheet

OVERVIEW

Prep time: 2 minutes

Difficulty: Easy Peasy

Estimated Cost: 20 AED

Mess level:

Age: 2 plus

What is it?

Sometimes it acts like a solid. Sometimes it acts like a liquid. And, to add to the weirdness, oobleck acts differently from a normal liquid and differently from a normal solid.

How is that possible? Oobleck is a non-Newtonian fluid, meaning it is a pressure-dependent substance. If you increase the pressure on the oobleck, it increases the viscosity or thickness. But if you poke at it quickly, it feels like a solid. And if you hold some in your hand, it will ooze out of your fingers like a liquid.

Benefits:

In addition to learning about science concepts, Oobleck is also great for the development of fine motor skills as children work and strengthen their little hand muscles while engaged in sensory play.

Ways to adapt:

- Play inside and outside, in small batches or large, play with it using hands, tools, and even feet.
- Mix in different colours and mix in different ingredients.
- You can check out another activity sheet to see more ways to play with it.

What you need

- Corn Starch
- Water
- Food Dye
- Storage Bin

Instructions

2 to 1 corn starch to water ratio. Oobleck, or sensory goop, is super easy to make and there's a surprising number of fun ways you can learn from and play with it! it's super easy and inexpensive to make. It's also taste safe and non toxic, making it a great sensory play material for babies and toddlers. Add color to water Whisk the food coloring into the water so that it colors the oobleck evenly Add cornstarch Then stir in the cornstarch. Start with 1.5 cups and add more if it is too runny. That's it!