

DIY Oobleck (Cornstarch and Water)

Get ready for some ooey-goey fun with a science twist! Oobleck is a magical mixture of cornstarch and water that acts like both a liquid and a solid. It's an easy, mess-friendly way to explore non-Newtonian fluids while having a blast squishing, squeezing, and watching the goo flow through your fingers. Whether you're playing mad scientist or just having a sensory play day, this DIY Oobleck is perfect for curious hands of all ages!



Materials List:

- **Cornstarch** (the magic ingredient that makes the goo!)
- **Water** (just plain old tap water—easy peasy!)
- **Food coloring** (optional but adds a splash of color!)
- **A large mixing bowl** (for all the gooey goodness)
- **A spoon or spatula** (for mixing, although hands work best!)
- **Measuring cups** (to get the perfect balance)
- **Plastic tablecloth or tray** (for easy cleanup, because things might get messy!)

Instructions: Let's Get Crafting!

1. **Start with Cornstarch:** Measure 1 cup of cornstarch and pour it into your mixing bowl. The more cornstarch, the more Oobleck fun you'll have!
2. **Add Water:** Slowly add about 1/2 cup of water to the cornstarch. It's best to add the water little by little as you mix to get the right consistency.
3. **Mix It Up:** Stir the mixture with a spoon or your hands (the fun way!). Keep stirring until it starts feeling gooey and weird in the best way possible. You're looking for that perfect balance where it's solid when you squeeze it but flows like a liquid when you let go.
4. **Optional Color Explosion:** Want to make your Oobleck more exciting? Add a few drops of food coloring and mix it in. Watch as the colors swirl around—it's like science meets art!
5. **Play Time!:** Now, it's time to play! Scoop up some Oobleck and squeeze it—it'll feel solid in your hand, but then watch as it melts and drips through your fingers when you let go. Experiment with poking it, slapping it, or letting it ooze—it reacts differently to pressure!
6. **Easy Clean-Up:** When you're done playing, clean-up is a breeze. Oobleck can be washed down the drain or tossed in the trash. Just be sure to wipe down surfaces with a damp cloth.

Craft Bonus: Add Some Flair!

Why not turn your Oobleck playtime into a mini science experiment? Try adding small toys, like plastic animals or cars, and watch how they sink or float depending on how hard you push them into the Oobleck. You can even try creating a giant batch of Oobleck and stepping on it to see how it supports your weight for a split second—science has never been this fun!