



Oobleck

A non-Newtonian fluid that will blow kids' minds

Oobleck acts like a solid when you hit it and a liquid when you're gentle and kids can make it with two ingredients from the kitchen.

Why Oobleck?

For younger children, the sensory experience itself is valuable — touching, squishing, and exploring unfamiliar textures helps build neural connections that support learning and development. For older children, figuring out why Oobleck behaves the way it does is genuine scientific thinking: forming ideas, testing them, revising them.



Bartholomew
and the
Oobleck
by Dr. Seuss



Read Together!

Read the story before or after making your own Oobleck and compare the magical goo in the book to your kitchen science experiment!

Learning by Age Group

Ages 2-4:
Sensory play:
touch, squish,
poke, giggle.

Ages 5-7:
Prediction :
"what do you
think will happen?"

Ages 8-11:
Test variables,
record data,
draw conclusions



Quick Tip:

*Cover surfaces ! It's messy.
Don't pour it down the drain ,
throw it in the trash. Store in a sealed
bag and it lasts a few days.*

The Basic Oobleck Recipe

Mix 2 cups cornstarch with
1 cup water in a wide,
shallow tray.
Add water slowly.
The ratio matters.
The mix is ready when it
flows slowly but resists a
sharp poke.



Let's Get Messy!

Explore Oobleck together! There are no wrong answers!

Try each activity and encourage children to describe what they notice. This kind of back-and-forth builds vocabulary, critical thinking, and the confidence to wonder out loud.

1 Touch It Slowly



→ Try this:

Rest your fingers on the surface and let them slowly sink in. Drag them gently through the Oobleck.

... Ask:

What does it feel like?
Can you think of anything else that feels like this?"

2 Hit It Fast



→ Try this:

Tap, slap, or gently punch the surface with your hand.

... Ask:

"Why do you think it felt hard when you hit it fast? What changed?"

3 Squeeze & Release



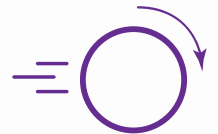
→ Try this:

Grab a handful and squeeze it tightly, then open your hand and stay still.

... Ask:

"Where did the solid go?
What do you think is happening inside it?"

4 Roll a Ball



→ Try this:

Roll the Oobleck quickly between your hands, then stop rolling.

... Ask:

"What did you have to keep doing to keep it a ball?
What happens when you stop?"

5 Let It Drip



→ Try this:

Scoop some up and let it slowly drip through your fingers.

... Ask:

"Does it drip like water? How is it different? How is it the same?"

6 Pour It



→ Try this:

Slowly tilt the container so the Oobleck flows. Try tilting it quickly too.

... Ask:

"Does it move like anything you've seen before?
What's different about it?"