



Oobleck Recipe

Inspired by *Bartholomew and the Oobleck* by Dr. Seuss

Ingredients

- 2 cups cornstarch
- 1 cup water
- Green food coloring (optional)
- Large mixing bowl
- Large spoon for stirring

Directions

1. Pour the cornstarch into a large mixing bowl
2. Slowly add the water while stirring
3. Add a few drops of green food coloring (optional)
4. Mix until the texture is thick but pourable
5. Test it! Squeeze it in your hand (solid) and let it drip (liquid)

Class Discussion Questions

Answers on page 2

1. Is Oobleck a solid or a liquid?

- A. A solid
- B. A liquid
- C. Both, depending on the pressure you apply
- D. Neither

2. What happens when you apply pressure?

- A. It becomes softer
- B. It hardens and feels like a solid
- C. It disappears
- D. It turns into water

3. What happens when you let Oobleck sit?

- A. It melts and drips like a liquid
- B. It stays hard
- C. It changes color
- D. It evaporates

4. Why do you think it behaves this way?

- A. It is magic
- B. It is made from two ingredients that react chemically
- C. It is a special mixture called a non-Newtonian fluid
- D. It is frozen

Answer Key & Explanations

1. Correct Answer: C

Oobleck acts like both a solid and a liquid depending on how force is applied.

2. Correct Answer: B

When pressure is applied, the cornstarch particles press together and make the mixture feel solid.

3. Correct Answer: A

When you stop applying force, the mixture relaxes and flows like a liquid.

4. Correct Answer: C

Oobleck is a non-Newtonian fluid, meaning its thickness changes when force is applied.