

# Experiments With Oobleck

## Materials

1/2 cup of cornstarch  
Food coloring (optional)

1/4 cup of water  
Plastic cup

## Procedure

1. If your teacher has already made Oobleck for your class, get some of it in a small cup, and skip to Step 2. If your teacher has not made Oobleck, follow all directions below.
  - a. Place 1/2 cup of water in the plastic cup. Begin slowly adding cornstarch and stirring constantly. When the mixture begins to get thick, keep adding and stirring.
  - b. When the mixture becomes too hard to stir quickly, you've made Oobleck.
2. The first part of your experiment with Oobleck involves observation. Play with the Oobleck. Pour a little in your hand, and see how it reacts when you push on it. Write your observations in your science journal.
3. Do the following tests on your sample of Oobleck, and write what happens in your science journal.
  - a. Slowly poke your finger into the Oobleck.
  - b. Quickly poke your finger into the Oobleck.
  - c. Pour Oobleck into another cup (Does it pour? Does it take the shape of the container?)
  - d. Roll the Oobleck into a ball.
  - e. Tap the Oobleck with a pencil.
  - f. Bounce the Oobleck (on your desk, not the floor).
4. Make your final observations, and answer the following question: Is Oobleck more like a solid or a liquid? Support your answer with information you gathered during your experiments.
5. Clean up your area. Wipe off any area the Oobleck may have touched. Place the Oobleck in the container and cover with foil. Place stir stick on top of foil

Open to  
Notebook  
page 41

## P 41: Solid or Liquid?

Solids	Liquids
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•	•
•	•

**2. Problem:** Is Oobleck a solid or a liquid?

**3. Observations:**

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**4. Conclusion:** Is Oobleck a solid or a liquid? Support your answer with information you gathered during your experiments.

Draw pictures!!