**Spider Oobleck**

**WHAT TO KNOW:**

**Is Oobleck a liquid or a solid? You will combine cornstarch and water. (2 parts cornstarch and 1 part water.)**

**YOU WILL NEED:**

* a bowl and spoon
* measuring cup
* cookie sheet (optional)
* cornstarch (1 cup)
* water (1/2 cup)
* food coloring
* plastic spiders (optional or any plastic object)
* tweezers (optional)

**EXPERIMENT SETUP**

Make sure to place your bowl on a tray, in the sink, or outside because this experiment can get messy. Newspaper and paper towels will be helpful.

**WHAT TO DO:**

1. Mix up 1 cup of cornstarch and ½ cup water. (You can play around with consistency.)

2. Pour and spoon mixture onto a cookie sheet (or you can leave it in the bowl or store in a sealable plastic bag.)

3. Time to add your spiders (or other plastics objects).

4. Try to pull the spiders out carefully with tweezers or with your finger.

5. Try this: Make a ball with the Oobleck.

NOTE: Oobleck can be stored in an air tight container and placed in the refrigerator for two weeks.

WHAT HAPPENED:

How does the spider stay on top of the Oobleck? Is it a liquid or a solid? If you make a ball, what happens when it the ball sits in your hand? Why?