Honors Chemistry Hour\_\_\_\_\_ Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Dr. Wexler  
Creation of Oobleck Activity  
Date assigned:

**Introduction:**

The purpose of this activity is to have fun learning how to use (or get additional practice using) the digital scale and graduated cylinder. At the same time you will be required to do two simple unit conversions.

Oobleck is the name of a type of STF, or “shear-thickening fluid”. You will discover what that means after you handle it with your hands.

**Materials:**

0.110 Kg cornstarch  
0.08L water

**Procedure:**  
Measure out your materials and mix in the bowl.

**Calculations:**

Unit conversions: For these two problems, just show your grid for doing each conversion.

1. Convert 0.110 kilograms to grams.
2. Convert 0.08 liters to milliliters.

**Observations:**

What did you do to explore the properties of Oobleck and what did you observe?