Name: Date:

**Cornstarch Experiment**

GradSWE and UW Science Explorers

Materials needed: 





Science terms:

* **Solid**:
* **Liquid**:
* **Viscosity**:
* **Non-Newtonian Fluid**:

Directions:

1. Add 2 measuring cups of cornstarch to a bowl.
2. Measure out 1 measuring cup of water and slowly add the water to the bowl.
3. Mix well with your hands or with a spoon.
4. Add more or less of each ingredient until you reach the consistency of honey.
5. Make your observations!

Questions:

1. Tap the surface of the mixture with a spoon. Does it splash?
2. Roll some of the mixture into a ball. What happens when you stop rolling?
3. Stir the mixture slowly with your finger. Now stir the mixture quickly. Do you feel a difference?
4. Is cornstarch oobleck a liquid, solid, or non-Newtonian fluid?