



# Lab Report



# gloop!

- 2 cups cornstarch
- 1 cup water
- Food coloring

**Liquid?**      or      **Solid?**



**Tip:** This activity can get messy but clean-up is quite easy as Gloop can be picked up or wiped off the table and easily washed off hands and clothing. I would recommend wearing an apron or old/oversized t-shirt.

**Solid or Liquid:** Cornstarch is made of lots of long, stringy particles. When water is added they do not dissolve in water, but they do spread themselves out. This allows the Gloop to act like a solid and a liquid. When you roll the mixture in your hands or apply pressure to it, the particles join together and the mixture feels solid. But if it's left to rest or is held up and allowed to dribble, the particles slide over each other and it feels like a liquid.