



Slime

Supplies:

1. 2 Bowls or Cups for mixing
2. Popsicle Sticks for stirring
3. Food Coloring (optional)
4. ½ Cup White Elmer's School Glue
5. 1½ Cup Water
6. 1 tsp. Borax Powder

Directions:

1. In one cup mix ½ cup water with glue and food coloring.
2. In the other cup mix 1 cup water with the Borax Powder.
3. Add the Borax solution to the glue solution while stirring slowly.
4. Stir to fully combine your slime.
5. You can store your slime in a zip-lock bag for later.

Why does it work?

The glue has long flexible molecules in it called polymers. These polymer molecules slide past each other as a liquid.

Borax in water forms an ion called the borate ion. When the borax solution is added to the glue solution, the borate ions help link the long polymer molecules to each other so they cannot move and flow as easily.

When enough polymer molecules get hooked together in the right way, the glue solution changes from being very liquidy to a rubbery kind of stuff that we call slime!