

# How to Make SLIME!

## What to do:

1. Get a cup and put about an inch of glue in the bottom
2. Add about an inch of water and mix well with a spoon
3. Add your favorite color!
4. Add two inches of BORAX SOLUTION and mix well
5. As you mix, the slime should start to form. If it doesn't, try adding more glue!

## How it works:

POLYMERS are very large molecules, formed by repeated patterns of chemical units chained together. Jell-O, rubber bands, plastic soda bottles, sneaker soles, even gum are all forms of polymers. In this experiment, when you add the BORAX it helps create long glue (POLYVINYL ACETATE) molecules. This polymer is unique because it has qualities of both a solid and a liquid. It can take the shape of its containers like a liquid does, yet you can hold it in your hand and pick it up like a solid.



## What happens if...

- ...you put a ball of slime in your hand?
- ...you change the amount of borax solution or glue you add?
- ...you mix it with your hands instead of the spoon?
- ...the slime gets cold or hot?

## Who can...

- ...make the slime stretch the farthest?
- ...make the biggest slime bubble?
- ...make the coolest slime design? (hint: you can make different batches of slime with different colors!)