

# How to Make Slime

*(Contributed by Dr. Jim Hebden, Chemistry Teacher)*

**You will need:** borax (a household cleaning agent), white glue and water.

**Caution!** Borax is poisonous if taken internally. This experiment should not be done by an unsupervised child unless a parent is confident the child will not eat the borax or drink the borax solution. If someone does drink the stuff, get them to throw up immediately and get them to a hospital.

## What to Do

1. Dissolve 1/4 teaspoon of borax in 1 tablespoon of water.
2. In a separate container, mix thoroughly 1 tablespoon of water and 1 tablespoon of white glue.
3. Pour the borax solution into the diluted white glue. (If not all the borax has dissolved, pour only the liquid solution into the white glue mixture.)
4. Stir slowly for 20 seconds with a stick or spoon.
5. Remove the slime from the container with your hands, place it on a flat surface and knead it to a workable consistency.

**Note!** It is safe to handle the slime, but do not put it in your mouth!

**Note!** It is best to do these experiments in a room that does not have a carpeted floor. If necessary, slime can be removed from a carpet with lots of water.

6. Test the properties of the white blob of slime by doing the following:

**Stretchability:** What happens when the slime is stretched quickly?

What happens when the slime is stretched slowly?

**Bounciness:** Shape the slime into a ball and see how well it bounces!

**Ability to Resist Flowing:** Place the ball of slime in a funnel, and see how long it takes to flow out of the funnel.

**Inflatability:** Form the slime into a ball around the end of a straw, and inflate it by gently and slowly blowing into the straw. (Pinch the slime together around the straw to prevent air from leaking out the sides.)