



Goo recipes

OttReach: Science-in-the-Parks Summer Tour 2008*

In today's activities, kids are mixing lots of things together. Here are a couple of classic recipes that we are using today:

“Silly Putty” or “Slime”

- Mix 2 TABLEspoons of White *Elmer's Glue* and 4 teaspoons of water (and food coloring if desired) in a plastic bag. Seal the bag and set it aside. Make as many bags as you will need in advance.
- Stir together 2/3 cup warm water and 1 teaspoon of *Borax* laundry booster (available with laundry products at many grocery stores) in a separate cup. The *Borax* should all dissolve in the water to make a solution. (From this solution you can make many bags of slime.)
- Add 4 teaspoons of the *Borax* solution to the plastic bag with the glue mix. Mix the ingredients around in the bag, and once it starts to all stick together, you can remove the “slime” from the bag and play with it. It will get less sticky as you continue to play with it and let it age for an hour or so.

“Oobleck”

- Mix 1 cup of dry cornstarch with ½ cup of water. (You can add food coloring to the water if you'd like.) This mixture has interesting and messy properties. Try letting the Oobleck run through your fingers, but also try to squeeze it and see how it has the features of both a liquid and a solid.
- Experiment with different amounts of water and cornstarch to see what is the best Oobleck for you.
- Note: Do NOT pour Oobleck down the drain. Because it can act as a solid, it can block your pipes!

Also, here's our favorite **bubble recipe** that we use on our Summer Tour:

- 1 cup Ultra Dawn dishwashing detergent
- 12 cups water
- 3/4 Tablespoon glycerin (can be found in the pharmacy aisle of a grocery store along with other creams and oils for skin treatment)

Stir these ingredients together gently. Ideally, let the mix sit out for a day to “age”. It's even better this way, as alcohols in the detergent evaporate and leave behind a longer lasting bubble solution. Blow bubbles through wands, string, pipes, or anything else you have around your home.

For more information about our OttReach program, contact Adam Johnston (801-626-7711, ajohnston@weber.edu) or see our website: <http://dewey.weber.edu/ottreach/>

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