

Slime

A science experiment that makes a great movie prop.

Project Type: Creative tactile, science experiment

Group/Individual: Individual

Lesson Plan Audience: Maker Mentor

Time: 20-45 minutes

Hard Skills: Measurement

Soft Skills: experimentation, collaboration

Ideal # of Participants: With one Mentor I would suggest 6 Makers making slime at one time

Age Group: 7 and up

Ideas for Taking it Further: Clear glue makes clear slime which can be molded around toys or googly eyes for an extra spooky effect.

Difficulties/Tips:

Watch this video: <https://www.youtube.com/watch?v=bL6yauBbz5U>

It's messy! You want to have paper towels on hand and maybe a tablecloth on the ground. Makers can store their slime in plastic bags or old playdough containers (this worked really well at KEN). They can work in pairs. Have them wipe out the bowls to do a second batch.

Library Resources:

The Book of Slime by Ellen Jackson; *Lotions, potions, and slime: Mudpies and more!* By Nancy Blakey; *The mad scientist handbook : how to make your own rock candy, antigravity machine, edible glass, rubber eggs, fake blood, green slime, and much, much more* by Joey Green

Materials

Ingredients:

Borax (1tsp) per slime mixture
Elmer's Glue (¼ cup per mixture)
Food coloring
Water

Materials:

Measuring Cups
Measuring Spoons
2 large bowls
Mixing Spoon
Re-sealable Bags to store slime for taking home



Steps:

1. Dissolve 1 teaspoon of borax powder into 1/2 cup of water in one of the two bowls. Mix until the borax is dissolved.
2. In the second bowl measure out about 1/4 cup of clear glue and mix with 1/4 cup of water and 5 drops of food coloring.
3. Pour glue/water mixture into borax/water mixture.
4. Mix the solution with your hands, kneading it to bring it together.
5. You will see it come together right away. It will seem stringy and clumpy, but that's ok!
6. Spend a few minutes working the mixture together. Pour out any leftover water.
7. Continue kneading the slime on a clean, dry surface.
8. Let it stand for 5 minutes.
9. Store in a re-sealable bag.

