13th Annual

MEMBERS' WEEK

A VIRTUAL CELEBRATION OF SCIENCE

ACTIVITY

SLIME-ENCE FROM HOME

Snails, fish, snakes and plants produce slime. This slime keeps them moving, eating and protects them from predators. Explore the properties of slime with these three recipes. Join us on Saturday, October 3 at 10 a.m. on Facebook Live to follow along and try all three recipes to see which makes the best slime.

BREAD GOO SLIME RECIPE

WHAT YOU'LL NEED

- 1 slice white bread
- 1 tsp white glue
- 1/4 tsp water
- 1 drop dish soap
- 1 drop food coloring
- Mixing container
- Spoon
- Storage cup with lid

INSTRUCTIONS

1. Remove the crust from one piece of white bread. Break the bread into small pieces and place them in the mixing container.
2. Add one teaspoon of glue to the bread.
3. Add 1/4 teaspoon of water to the bread and glue. Add a drop of dish soap and mix with a spoon.
4. Take the goo out of the container and knead it with your fingers until it is thick and smooth.
5. Make a small indentation in the goo and drop in one drop of food coloring.
6. Knead the bread goo to mix the color throughout. Keep kneading. The more air it's exposed to and the more you work with it, the more like play dough it becomes.

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The Academy of Natural Sciences of DREXEL UNIVERSITY

ACTIVITY

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HAND SOAP SLIME RECIPE

WHAT YOU'LL NEED

- 2 tbsp hand soap
- 3 tbsp cornstarch
- 1 tbsp cooking oil
- Mixing container
- Spoon
- Storage cup with lid

INSTRUCTIONS

1. Place two tablespoons of handsoap, three tablespoons of cornstarch and one tablespoon of oil into a bowl and mix until forming a slime or dough to your liking.
2. After mixing, use it for play or use a small amount to wash your hands!

RECOMMENDATIONS

For a fluffy dough, use less soap and more cornstarch (about 5 tbsp).

GOOEY SLIME RECIPE

WHAT YOU'LL NEED

- 1 tsp Borax
- 1 cup water (divided)
- 2 tsp shampoo
- 1/2 cup white or clear glue
- 1/8 tsp cooking oil
- Food coloring
- 2 mixing containers
- Spoon
- Storage cup with lid

INSTRUCTIONS

1. Mix one teaspoon of Borax with 1/3 cup of water until completely dissolved.
2. Mix 2/3 cup of water with 1/2 cup glue and two teaspoons of shampoo in a separate bowl.
3. Optional: add 2-3 drops of food coloring to the glue mixture.
4. Slowly pour Borax solution into glue mixture and stir until it thickens.
5. Add 1/8 teaspoon oil so it does not stick to your hands.
6. Take the slime out of the container to knead and play.