

Make Your Own **SLIME**

MATERIALS

- 1/2 cup washable glue (white or clear)
- 1/4 cup liquid starch
- 1/2 cup water
- Food coloring
- Mixing bowl
- Spoon

INSTRUCTIONS

1. Add 1/4 cup of water and 1/4 cup of glue to a bowl. Mix well until they are completely combined.
2. Add food coloring to your mixture to make it your desired color.
3. Add 1/4 cup of liquid starch to your mixture and stir well.
4. Keep mixing with a spoon or your hands until a blob of slime forms. The more you handle the slime, the stretchier it will become!

WHAT'S HAPPENING?

Glue is made up of long chains of a polymer called polyvinyl acetate. The long polymer molecules slide past each other, acting like a liquid. When you add the starch solution, it causes the long chains to join together. The polymer molecules cannot move as easily-creating slime!

The slime you created is a lot like the mucus found inside your body. Our mucus contains polymers too – in the form of sugars and proteins. Mucus protects the linings of many of the parts of your body.



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