

MAGNETIC SLIME

★ GRADES 3-5 ✪ SCIENCE SKILLS: SOLUTIONS/MIXING/COLORS ★

What you need:

- 8-oz. bottle of school glue
- Large mixing bowl
- 1 teaspoon borax
- Food coloring (optional)
- A plastic cup
- Measuring cup and utensils
- Recloseable bag
- Iron filings (available at SteveSpangler.com or Amazon.com)
- Neodymium magnet (available at SteveSpangler.com or Amazon.com)
- Water

What to do:

1. Empty the entire bottle of school glue into the large bowl.
2. Fill the empty glue bottle with warm water, close the lid tightly and shake.
3. Pour the water and glue solution from the bottle into the bowl. (Add food coloring here if you want colored slime.)
4. Add a sprinkling of iron filings to the mixture of water and glue.
5. Stir the entire mixture.
6. Measure 1/2 cup of water and pour it into the plastic cup.

7. Add 1 teaspoon of borax to the cup of water and stir until dissolved.
8. Add the borax solution to the glue mixture.
9. Mix it up very well until it stiffens into slime.
10. Once it's stiff, hover the neodymium magnet near the slime and witness some ooey, gooey, slime-based magnetism.
11. Store slime in a recloseable bag so you can play with it long-term.

How does it work?

The mixture of school glue with borax and water produces a putty-like material called a polymer. This polymer makes a great slime for kids to play with. But what makes this slime magnetic? Iron is one of three elements (cobalt, iron and nickel) that are magnetic at room temperature. So by adding iron filings to your slime, it becomes magnetic.

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