

Glooze Slime Recipe

What You Need:

- ☐ Skim Milk
- ☐ Baking Soda
- ☐ A Coffee Filter
- ☐ Vinegar

If you're wondering how to make slime without borax, this Glooze slime recipe is an excellent option. This slimy substance is made from skim milk, vinegar & baking soda!

What You Do:

1. Add 7 tablespoons of skim milk to a cup and add 1 tablespoon of vinegar to the milk.
2. Gently stir the mixture until solids have formed.
3. Let the solids sink to the bottom of the mixture and then drain off the liquid using a filter (a coffee filter works best).
4. Let the solids drain for a few minutes.
5. Add $\frac{1}{4}$ teaspoon of baking soda to the solids and knead together to form a slimy mixture from milk.

Science Lesson

When you added the vinegar to the milk, it caused the milk's protein, **casein**, which is also a **polymer**, to separate from the liquid part of the milk and clump together to form solids. Casein is used in adhesives, paints, and even plastics. The baking soda **neutralizes** the acid added, which allows the casein to go back to its liquid form.