

Making Slime—A Chemical Change

Directions in making Slime.

1. Pour about $\frac{1}{2}$ inch of glue into the cup. Pour about 25 ml of water into the graduated cylinder. Stir is with a stir stick. Weigh the cup with the glue and the water in it and write the weight of them together in grams.

2. Pour about 20 ml of sodium borate into the graduated cylinder. Pour it into the plastic bag. Weigh the plastic bag with the sodium borate in it and write out the weight of both them together in grams.

3. Add up the weight of 1 and 2.

6. Weigh the cup and bag. It is the same weight as # 3?

7. Pour the water/glue solution into the plastic bag with the sodium borate solution. Seal the bag and knead the mixture for a couple of minutes. Weight it again. Is it the same #6?

8. Write down what you observe happening.

9. Remove the Goop from the bag. Hold it over the opening of the bag for a few seconds to let any liquid drop back into the bag.

10. Reseal the bag and set it aside. Work with the Goop with your hands.
Write down what you are observing with your five senses.

13. Put the Goop, cup and bag on the scale and weigh it.

Write how much it weighs. _____

14. Does it weigh as much as #5 and #6? Why?

15. Why is this a chemical change?
