

STEAM in the Classroom

SCIENCE-TECHNOLOGY-ENGINEERING-AGRICULTURE-ART-MATH

SLIME SCIENCE

For this activity you will need:

- 4 tbsp water
 - 1/4 cup non-toxic white school glue
 - 2 tbsp borax solution (1/2 tsp borax + 2 tbsp water)
- OR
- 2 tbsp baking soda solution (1/4 tsp baking soda + 1 tbsp contact lens solution)
 - Texture options
 - squash or pumpkin guts with seeds
 - birdseed
 - applesauce or smashed apples
 - 2 containers/bowls
 - small one for mixing borax solution
 - larger one with lid for making slime and slime storage
 - Stirring utensils

Directions:

1. Mix materials to create borax solution and set aside



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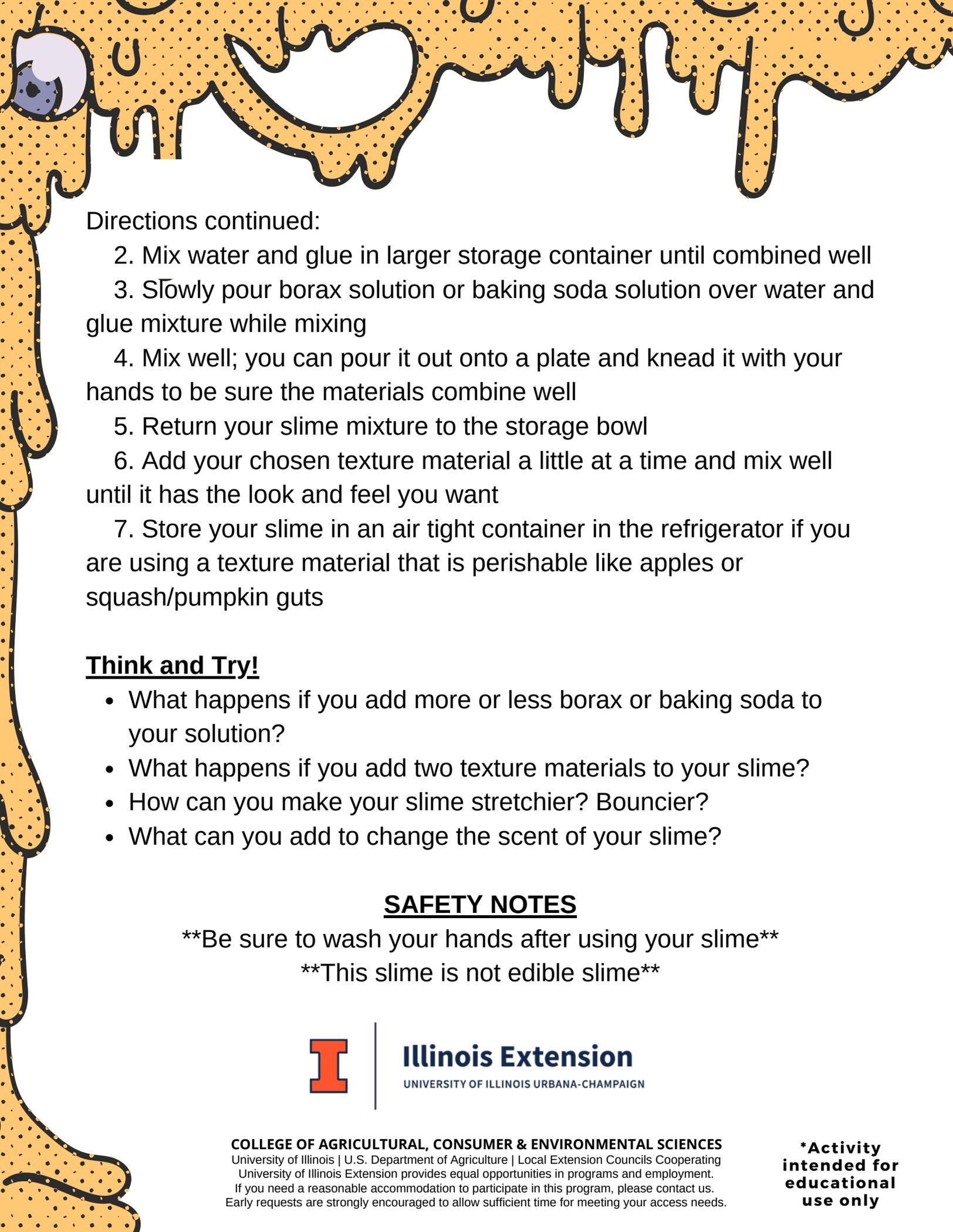
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Directions continued:

2. Mix water and glue in larger storage container until combined well
3. Slowly pour borax solution or baking soda solution over water and glue mixture while mixing
4. Mix well; you can pour it out onto a plate and knead it with your hands to be sure the materials combine well
5. Return your slime mixture to the storage bowl
6. Add your chosen texture material a little at a time and mix well until it has the look and feel you want
7. Store your slime in an air tight container in the refrigerator if you are using a texture material that is perishable like apples or squash/pumpkin guts

Think and Try!

- What happens if you add more or less borax or baking soda to your solution?
- What happens if you add two texture materials to your slime?
- How can you make your slime stretchier? Bouncier?
- What can you add to change the scent of your slime?

SAFETY NOTES

****Be sure to wash your hands after using your slime****

****This slime is not edible slime****



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