Slime Shop

Name: _____

Student worksheet

Date: _____

Basic Slime Recipe

1. Mix 1/2 cup water, 1/2 cup glue, and a few drops of food coloring.
2. Add 1/2 teaspoon baking soda and mix.
3. Add 2 tablespoons contact lens solution and stir. Keep stirring until the slime starts to thicken.
4. Knead the slime with your hands until it is less sticky.

Slime Properties

1. Write down all the properties you want your slime to have. Do not worry about what ingredients you have available yet.

2. Find out what ingredients you have available. Circle the properties (in the list you made above) that you think you can give your slime using the ingredients you have.

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Slime Recipes

Fill out a table for each batch of slime you make.

Slime Batch #1 (Standard Recipe)	
Ingredients: Water (1/2 C) Glue (1/2 C) Food coloring (3 drops) Baking soda (1/2 tsp) Contact lens solution (2 tbsp)	Recipe: 1. Mix water, glue, and food coloring 2. Stir in baking soda 3. Stir in contact lens solution, keep stirring until thicker 4. Knead slime with hands until less sticky
Slime properties:	
How well does this slime match the properties you want?	

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Slime Batch #2	
What changes will you make to your slime recipe and why?	
Ingredients:	Recipe:
Slime properties:	
How well does this slime match the properties you want?	

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Slime Batch #3	
What changes will you make to your slime recipe and why?	
Ingredients:	Recipe:
Slime properties:	
How well does this slime match the properties you want?	

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Choosing the Best Slime

Which batch of slime matches the properties you wanted the best? Why?

Did you have any problems when making your slime? How did your group solve them?

If you had time to make another batch of slime, what would you change or do differently?