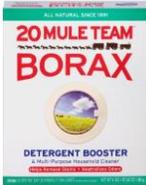


Choosing a Slime Recipe

Ingredient	Price for a table portion of slime	Price for a class portion of slime
Glue (washable)	<p style="text-align: center;">\$1.50</p> 	<p style="text-align: center;">\$20.00</p> 
Glitter glue or glue gel	<p style="text-align: center;">\$3.50</p> 	
Baking soda		<p style="text-align: center;">\$1.00</p> 
Liquid starch		<p style="text-align: center;">\$7.00</p> 
Borax powder		<p style="text-align: center;">\$4.00</p> 
Sweetened condensed milk	<p style="text-align: center;">\$2.50</p> 	

Choosing a Slime Recipe

Ingredient	Price for a table portion of slime	Price for a class portion of slime
Cornstarch		<div style="display: flex; align-items: center; justify-content: center;"> \$2.00  </div>
Glowing paint		<div style="display: flex; align-items: center; justify-content: center;"> \$24.00  </div>
Shaving cream	<div style="display: flex; align-items: center; justify-content: center;"> \$1.00  </div>	
Food coloring		<div style="display: flex; align-items: center; justify-content: center;"> \$3.50  </div>
Saline Solution	<div style="display: flex; align-items: center; justify-content: center;"> \$1.00  </div>	<div style="display: flex; align-items: center; justify-content: center;"> \$5.00  </div>

Choosing a Slime Recipe

Slime Recipes

Types of slime in this document: flubber, fluffy, glow in the dark, glitter, edible, soapy

Note: The yield of these recipes is a large portion which makes a reasonable amount for 4-5 kids. We call this yield a “table portion” because it can be shared among the students at one classroom table.

Flubber Slime

Supplies:

1 cup washable glue

1 cup water

½ cup liquid starch

Food coloring

Steps:

Mix glue and water in bowl. Add food coloring if desired.

Add liquid starch. Stir thoroughly. Knead with hands.

Fluffy Slime

Supplies:

½ cup washable glue

1 Tablespoon saline solution

½ teaspoon baking soda

3-4 cups shaving cream

Food coloring

Steps:

Put shaving cream in a bowl. Mix in glue and add food coloring if desired. Mix in baking soda.

Add saline solution. Stir thoroughly. Knead with hands.

Glow in the Dark Slime

Supplies:

1/3 cup washable glue gel

1 1/2 cups warm water

1/8 cup borax powder

Glowing paint (small amount)

Steps:

In one bowl, mix washable glue gel with 1 cup warm water to make a glue solution.

In another bowl, mix borax powder with remaining ½ cup warm water to make a borax solution.

Stir the glowing paint into the glue solution (you only need a little bit, maybe 1 teaspoon).

For a single portion, mix together 4 Tablespoons of glue solution with 4 teaspoons of borax solution. You can use a spoon and a cup or just squish it together inside a sealed baggie.

Wash hands with soap and water after handling this slime. Store slime in a baggie or other sealed container to keep it from evaporating.

Glitter Slime

Supplies:

Choosing a Slime Recipe

½ cup washable glue gel or glitter glue
1 teaspoon borax powder
1 ½ cup warm water
Glitter (if using non-glittery glue)
Food coloring (if desired)

Steps:

In one bowl, mix washable glue gel with 1 cup warm water to make a glue solution.
In another bowl, mix borax powder with remaining ½ cup warm water to make a borax solution.
Add glitter and food coloring if desired.
For a table portion (4-5 students), mix the two solutions together in a bowl with your hands.
Store slime in a sealed plastic baggie. Keep in the refrigerator for longer use.

Edible Slime

Supplies:

14 oz. can of sweetened condensed milk
1 Tablespoon of cornstarch
Food coloring (if desired)
Couple drops of vanilla or other flavoring (if desired)

Steps:

In a saucepan over low heat, stir together the milk and cornstarch. Stir and heat until the mixture thickens. Remove from heat.

Stir in the coloring and any flavorings. Allow the slime to cool.

Enjoy! When you are finished playing with this slime, store it in a sealed plastic baggie in the refrigerator. It will keep for a day or two.

Soapy Slime

Supplies:

Leftover pieces from bars of soap (or a whole bar)
About 2 cups of water

Steps:

Place the pieces of soap in a jar with the water. Let the jar sit for two days. It will turn into slime!

Choosing a Slime Recipe

Use the tables to help you choose the best recipe for your class science celebration.

Slime Type	Special Ingredients	Important Information
Fluffy	Shaving cream, glue, baking soda, saline solution	Easy to make, makes a larger quantity of slime
Flubber	Glue, water, liquid starch	Easy to make, ingredients are cheap and common, stretchy
Glittery	Glitter glue, borax	Glitter glue is more expensive, but you could add glitter to normal slime
Glow in the Dark	Glue gel, borax solution, phosphorescent zinc sulfide (ZnS) or glowing paint	More challenging to make ZnS can be irritating to skin and harmful if eaten
Edible	Sweetened condensed milk, cornstarch, flavoring (optional)	Can be yummy, is gone once you eat it, requires a stovetop to make it
Soapy	Bars (or pieces) of soap, a jar, water	Easy to make, can be used to wash hands or in bath/shower, dissolves after one use

Ingredient	Price for one portion of slime	Price for a class portion of slime
Glue (washable)	\$1.50	\$20.00
Glitter glue or glue gel	\$3.50	
Baking soda		\$1.00
Liquid starch		\$7.00
Borax powder		\$4.50
Sweetened condensed milk	\$2.50	
Cornstarch		\$2.00
Glowing paint		\$24.00
Shaving cream	\$2.00	
Food coloring		\$3.50

Choosing a Slime Recipe

COMPARING SLIME RECIPES

Slime	Ingredients	Time to make	Safe Ingredients?	Reusable?	Special features	Size of a table portion of slime	Cost of a class portion
Fluffy	Shaving cream, glue, baking soda, saline solution	10 min	Yes	No, it loses the "fluff"	Fluffy	About 2 cups	
Flubber	Glue, water, liquid starch	10 min	Yes	Yes	Stretchy	About 1 ½ cups	
Glittery	Glitter glue, borax, water	10 min	Borax can burn skin	Yes	Glittery	About 1 cup	
Glow in the Dark	Glue gel, borax, phosphorescent zinc sulfide (ZnS) or glowing paint, water	10 min	Borax can burn skin; ZnS harmful if eaten	Yes	Glow in the dark	About 1 ½ cups	
Edible	Sweetened condensed milk, cornstarch, flavoring	30 min (heat it on stove)	Yes	Lasts for 1 or 2 days	You can eat it	About 2 cups	
Soapy	Bars (or pieces) of soap a jar, water	1-2 days	Yes	No, dissolve after 1 use	Clean	About 2 cups	

Choosing a Slime Recipe

Organizing Ratings and Rankings

COMPARING SLIME RECIPES

Slime	Notes					Final Rankings
Fluffy						
<u>Flubber</u>						
Glittery						
Glow in the Dark						
Edible						
Soapy						

Choosing a Slime Recipe

Task B Tables

Use the tables to help you figure out the cost to make each type of slime.

Fluffy Slime	Shaving Cream	4 cups
	Glue	$\frac{1}{2}$ cup
	Baking Soda	$\frac{1}{2}$ teaspoon
Flubber Slime	Glue	1 cup
	Liquid Starch	$\frac{1}{2}$ cup
Glow in the Dark Slime	Glue	$\frac{1}{2}$ cup
	Borax Powder	$\frac{1}{6}$ cup
	Glowing paint	1 teaspoon

Ingredient	Quantity	Price
Glue	8 fl oz.	\$1.50
Shaving Cream	10 fl oz. can makes 6 cups of foam	\$2.00
Baking Soda	1 lb. (16 oz.)	\$1.00
Liquid Starch	64 fl oz.	\$7.00
Borax Powder	65 oz.	\$4.50
Glowing Paint	5.6 fl oz.	\$24.00