

# Making Slime!



As we learned in the video slime is a great adaptation for animals and plants in the Adirondacks and round the world. Can you think of any slimy organisms?

Now that we have learned a bit about slime in nature it is time for us to make our very own slime!

For this activity you will need:

- Permission from an adult
- A surface that can get a bit dirty and slimy

**I have listed two Slime Recipes below. You can create either one depending on what materials you have available and what you want your slime to do.**

<b>GLUE BASED SLIME</b>	<b>CORNSTARCH BASED SLIME</b>
<b>Characteristics</b> - Easier to pick up, stretch out and move around (with a silly-putty like consistency)	<b>Characteristics</b> - Moldable when holding onto it, but flows and drips when not under pressure (know as a non-Newtonian fluid)
<b>What you'll need:</b> <b>Tools -</b> <ul style="list-style-type: none"><li>● Mixing Bowl</li><li>● Cup Measure</li><li>● Tablespoon Measure</li><li>● Spoon</li><li>● Towel that can get a little slimy</li></ul> <b>Ingredients -</b> <ul style="list-style-type: none"><li>● 1 Cup White Glue</li><li>● 1 Tablespoon Baking Soda</li><li>● 1-2 Tablespoons Contact/Saline Solution</li><li>● (Optional) Food Coloring</li></ul>	<b>What you'll need:</b> <b>Tools -</b> <ul style="list-style-type: none"><li>● Mixing Bowl</li><li>● Cup Measure</li><li>● Tablespoon Measure</li><li>● Spoon</li><li>● Towel that can get a little slimy</li></ul> <b>Ingredients -</b> <ul style="list-style-type: none"><li>● 1/2 Cup Cornstarch</li><li>● 3-4 Tablespoons Water</li><li>● (Optional) Food Coloring</li></ul>

**Step-by-Step -**

- 1 - Pour 1 cup of glue into a large mixing bowl.
- 2 - (Optional) Mix in a few drops of food coloring.
- 3 - Mix in 1 tablespoon of baking soda.
- 3 - Mix in 1 tablespoon of contact/saline solution.
- 5 - Add  $\frac{1}{2}$ -1 additional tablespoon of contact solution to make it more sticky.
- 6 - Pick up your new slime and have fun!

**Step-by-Step -**

- 1 - Put  $\frac{1}{2}$  cup of cornstarch into a large mixing bowl.
- 2 - (Optional) Mix a few drops of food coloring into 2-3 tablespoons of water.
- 3 - Pour water into the bowl with cornstarch and mix together.
- 3 - Continue to add water  $\frac{1}{2}$  to 1 tablespoon at a time until you get the consistency you would like.
- 4 - try pouring onto a plate to watch it spread out and check out the unique characteristics of a non-Newtonian fluid!

Congratulations you have made your very own slime!

If you make both take a few minutes to **Compare and Contrast your Observations** about each type of slime.

As always make sure to clean up when you are done.

**Have fun!**

## PART 2 and 3 on Next Page

### PART 2 - Open or Closed Questions?

- Questions that you can answer with a yes or no are called closed questions. **Mark the Closed Questions** on your list with a “○”.
- Questions that have answers that take a bit more explanation and often create more questions are called open questions. **Mark the Open Questions** with a “★”.

### PART 3 - What's Next?

- Try answering 3 of your **Open Questions**. Make sure to use responsible resources such as books, field guides, manuals, or reputable websites to learn more and **Record Your Research** below: