**Galaxy Slime Materials:**

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3 glass bowls, 1 for each color slime

3 - 5 oz containers of Elmer’s washable clear glue

24 – Tablespoons Purex Sta-Flo liquid starch

Extra fine glitter: CreativeBug used dark purple, light purple, and pink; turquoise blue and dark blue; and purple, sapphire blue and silver, but you can experiment with your own colors.

Mica powder pigments: CreativeBug used Vitory brand

Spoons for stirring, zip plastic bags for storage. Each recipe makes enough slime for 4 children.

**Procedure:**

◈ Empty 5 oz clear glue into a glass bowl.

Add ½ teaspoon of dark blue or sapphire mica powder into the glue.

Add ½ teaspoon of turquoise blue glitter. Add ½ teaspoon of dark blue glitter. Stir thoroughly.

If the mixture is not opaque, add more mica powder. We added ¼ tsp more mica.

Add 2 Tablespoons of liquid starch. Stir. Mixture should thicken and become sticky to the touch.

Add 2 more Tablespoons of starch. Stir. Mixture should become less sticky.

Add 2 more Tablespoons of starch. Mixture should become even less sticky. Time to knead it together with your hands!

If it’s still too sticky, add 1 Tablespoon of liquid starch. (We did.) Keep kneading.

If it’s still sticking to your fingers, add 1 more Tablespoon of starch. (We did)

Keep kneading, then let it rest in the glass bowl uncovered while you make the other two colors.

◈ In a separate bowl, repeat the above instructions with pink mica powder; plus dark purple, light purple, and pink glitter. Let rest.

◈ In a third bowl, repeat the steps with black mica powder; plus dark blue, purple and silver glitter. Let rest for 30 minutes. On a smooth, flat surface, cut each ball of slime in half. Combine each of the three colors by kneading together gently.

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**A Word about polymers:**

“Glue is a polymer – a long chain of repeating molecules. Liquid starch is also a polymer. When these two highly viscous polymers come together, a process called cross-linking occurs. Bonds are formed, and they link together these long chains of molecules. By doing so, a viscous liquid becomes the stuff we know and love – slime!”

From the book *The Slime Workshop* by Selina Zhang, which is available through your library consortium, SC Lends.

**Outcome:**

We used the exact same ingredients and amounts as Faith Hale did in CreativeBug because we heard that substituting cheaper brands can result in inferior results. It worked, and our results were very pleasing. If you used different pigments or brands of glue and starch, let us know how yours turned out! You can email us at [childrens@andersonlibrary.org](mailto:childrens@andersonlibrary.org). Have fun with your science and slime!

