



Home Scientist: St. Patty's Day Slime Recipe

Age Group: All Ages

Ingredients:

- **school glue** - my recipe uses clear glue which makes the coolest results, but you can use white glue as well or even some of the neat looking glue that has colors and sparkles already added)
- **green food coloring** (you can use acrylic paint too if that's what you have or any color you have or none at all, still makes slime)
- **Baking soda**
- **Saline solution that contains some amount of boric acid or borate** (this is what allows for hydrogen bonds to form between the borate ion and the OH groups from the polyvinyl alcohol molecules from the glue to form a new polymer (SLIME!))

Equipment:

- A small container like a solo cup or even a coffee mug for mixing the solution
- measuring spoons(½ tsp is most critical)
- Some type of wooden stirring stick – I find a tongue depressor to be the best choice but whatever you have on hand will work too
- Plastic bag or sealable container to store your slime for posterity

1) Start with 1 oz of clear glue (1/3 of a 3-ounce container or enough to cover the bottom of a coffee cup with about 1 cm depth)

2) Add the cool stuff(glitter, pigment, etc.) and stir well

3) Add ½ teaspoon of baking soda and again stir well

4) Add ¼ teaspoon(a couple good squirts) of contact lens solution that contains “borate”. You will need to add enough to keep the slime from sticking to the sides of the container. When it sticks to the wooden stirring stick it is done and ready to be pulled out and handled. If it's sticking to the side of the container, add more saline. Enjoy and keep lidded to keep it slimy.

[Don't forget to post pics of your slimy creations on The Riverfront Museum Website to be entered into a drawing for a DaVinci Flying Machine Kit!!](#)