**Chalkboard Slime**

<https://babbledabbledo.com/artsy-slime-recipe-chalkboard-slime/>

* **White Glue** [Buy it inexpensively in bulk here](http://amzn.to/2wi8p9x)
* **Baking Soda**
* [**Contact Lens Solution**](http://amzn.to/2vrz2tX) (must contain boric acid)
* [**Chalkboard Paint**](http://amzn.to/2xN49g1) (purchase at craft store)
* [**Chalk Markers**](http://amzn.to/2wnZvWh)
* **Spoons & Mixing Bowl**

## **Make the Slime**

* **Step One** Pour 4 oz of glue into a mixing bowl.
* **Step Two** Add 2 Tablespoons of chalkboard paint to the glue and mix thoroughly.
* **Step Three** Add 1 teaspoon of baking soda to the glue/paint and stir to combine
* **Step Four** Add ½ teaspoon of contact lens solution and stir. The slime should begin to thicken. (Use a sturdy spoon for this! Plastic ones can break.)
* **Step Five** If the slime is still sticky, add in a few drops of contact lens solution at a time and stir until the slime begins to pull away form the sides of the bowl.
* **Step Six** Take the slime out of the bowl and knead it for a minute or two to fully combine all ingredients.

**Draw on it**

* **Step One** Draw on it! Using chalkboard markers, you can draw on the slime by pressing down to make dots.
* **Step Two** When you are done with your design distort it! Pull the slime and watch your drawing elongate.
* **Step Three** To make a new drawing simply knead the slime until the color disappears and start again

## **The STEAM**

There is so much STEAM in this simple slime project I could go on and on. But let’s start with the top ideas you can point out to your child in this project.

**The Science:** Making slime is a classic chemistry experiment where kids mix different ingredients to form a very stretchy polymer. **A polymer is a substance made up of a long chain of molecules that repeat.** Glue is a polymer and when you add in contact lens solution, which contains boric acid, the glue molecules and borate ions cross-link, forming a viscous, thicker polymer than before.

**The Art:** This is the perfect intro to pointillism! Pointillism is an art technique developed in the late 1800s by Georges Seurat and Paul Signac that involves painting with very fine dots of color in lieu of brushstrokes. When you stand back from a pointillist painting, your brain combines the dots your eye is seeing into a fluid picture. If you stand up close you can view the individual dots. It’s a marvelous optical trick. One of my favorite pointillist style artists is [Chuck Close](https://en.wikipedia.org/wiki/Chuck_Close). He not only plays with how your eye perceives fine dots from a distance, he plays with the average color your eye sees when a dot contains several different hues.