

## THE ART MINISTRY

### SLIME INGREDIENTS

The Art Ministry helped children make over 130 blobs of slime at Leigh Community Centre on 23rd October. The ingredients are as follows:

#### **White Washable PVA Glue**

Any PVA glue that is washable and suitable for children should be OK to use, but please look at on line reviews to check if they are good for slime. They are sometimes referred to as "School PVA".

We used **Classmates Blue Label PVA Glue All Purpose** which we bought in 5l containers from [www.glsed.co.uk](http://www.glsed.co.uk) only £5.34.

Smaller quantities of glue will work out more expensive in the long run, but Hobbycraft sell 300ml for £1.50, or 5 x 300ml for £5.00.

If you sign up to [Hobbycraft](http://Hobbycraft), you can get 15% off your first purchase, and a £5 reward on your birthday.

If you also sign up to Give As You Live, for free, and use the app to go on-line to Hobbycraft, they will donate 2.5% of the non-VAT price to your chosen charity - which could be The Art Ministry.

Sign up here:

<https://www.giveasyoulive.com/refer/R9UvYAA1i3hKlOnAYIDzow7aj0-2B80tQ-3D>

#### **Bicarbonate of Soda Crystals**

Bicarbonate of soda is also known as Baking Soda, but don't confuse it with baking powder as that contains an additional ingredient.

Bicarbonate of soda can be used, among other things, to make your pancakes/omelettes fluffy, clean cookers, freshen up smelly trainers, whiten teeth and make honeycomb toffee. In slime, bicarbonate of soda acts as a thickener.

We used Dri-Pack Bicarbonate of Soda which costs only 99p for 500g from Savers (in Haldeigh)

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### Contact Lens Cleaning Solution.

This must contain **Boric Acid** and **Sodium Borate** which act as the activators to turn PVA glue into slime.

We found that many contact lens cleaning solutions contain too little boric acid and/or sodium borate, meaning that you need to add loads, which works out expensive.

Some contact lens cleaning solutions do not include boric acid and sodium borate - these will not work in this recipe.

We used **Bausch and Lomb Sensitive Eyes Plus Saline Solution** which we bought from Amazon. Make sure it is the one that contains boric acid and sodium borate. It cost £10.95 for 3 x 500ml and £5.22 for just 500ml. Both are eligible for Amazon Prime Delivery.

If you sign up to Amazon Smile, for free, Amazon will donate 0.5% of the non-VAT price to your chosen charity - which could be The Art Ministry.

Sign up here:

<https://smile.amazon.co.uk/ch/1108227-0>

### Washable Water Based Paint

Paint is used to add colour, and washable water based paint does not colour the hands.

We used Wilko Let's Create Neon Paint, which did not stain even though it didn't say it was washable. This cost £2.50 for 4 x 150ml pots of different colours.

If you sign up to Give As You Live, for free, and use the app to go on-line to Wilko, they will donate 1% of the non-VAT price to your chosen charity - which could be The Art Ministry.

Sign up here:

<https://www.giveasyoulive.com/refer/R9UvYAA1i3hKlOnAYIDzow7aj0-2B8OtQ-3D>

## SLIME RECIPE

**WARNING:** Please read the safety instructions on the packaging for each of the ingredients. When making and playing with slime, keep hands out of the mouth and eyes, and make sure no-one tries to eat the slime, especially small children or pets.

- 1. Gather all you ingredients together.**
- 2. Have to hand suitable measuring aids, for millilitres, tablespoons and teaspoons.**
- 3. Get a stirrer, a plastic spoon or lollypop stick will do.**
- 4. Get a container to mix the ingredients, a disposable plastic cup will do.**
- 5. Measure 100ml of PVA into the container. This is about half a standard plastic cup.**
- 6. Dip your stirrer into the paint, only a dip, not a spoonful.**
- 7. Put the stirrer into the PVA.**
- 8. Add half a teaspoon, which is 2.5 millilitres, of bicarbonate of soda to the PVA.**
- 9. Mix everything together until it is an even colour throughout. If possible, look through the side of the contained to check that the colour has got to the bottom.**
- 10. Add half a tablespoon, which is 7.5ml or three half teaspoons, of saline solution to the mixture.**
- 11. Stir very well for at least 30 seconds.**

- 12. At first the mixture will be gloopy, but as soon as the chemical reaction starts it will become stringy and sticky. The chemical reaction will make the mixture feel cold.**
- 13. You now need to tip the mixture into your hands, any don't let any of it get away as it is all needed to make the chemistry work.**
- 14. The mixture will probably still be very sticky, and this is because some the solution may be left at the bottom of your container, so get this out and mix it in - leave nothing in the container. It may also be sticky because it hasn't been mixed enough - which is why we now mix it by hand.**
- 15. Work the mixture in your hands for at least 30 seconds. Eventually it will start to form into a blob, and start sticking to itself rather than to your hands. Once the mixture no longer sticks to your hands it is slime - stretch it, mould it, bounce it, or just leave it alone on a flat surface and watch it reshape itself.**
- 16. If your mixture is too sticky, spray on a small amount of saline solution and mix it with your hands again. It takes time for the chemical reaction to work - so don't add any more saline solution until you have worked the slime for at least 30 seconds.**
- 17. If you add too much saline solution the slime will snap when you stretch it. In that case keep reworking the slime until some of the excess solution evaporates - or start again.**
- 18. Store the slime in an airtight bag or container.**