



Kitchen Science

Colors on the Move

What you need:

- White glue (thinned with a little water), or, milk (preferably whole or 2%)*
- Food coloring
- Liquid dish soap
- Cotton swab(s)
- Small, shallow bowl or plastic lid, like from a yogurt container

*This experiment can be done with either white glue or milk, depending on what you have available. Or, try both mediums and compare the effects!



What you do:

- Pour white glue or milk into bowl or plastic lid, enough to fully cover the bottom. If using glue, stir in a little water to thin out the glue if you haven't already.
- Carefully add a few drops of food coloring to the glue or milk. Without stirring or touching the drops, what do you notice?
- Dip one end of a cotton swab into dish soap.
- Gently touch the soapy cotton swab to one of the drops of food coloring. Now what do you notice?
- Repeat the above step until each drop of food coloring is "on the move." What do the colors look like as they continue to spread?
- If using glue: Turn your experiments into art by allowing the glue to dry in the bowl or lid. Once dry, gently peel glue away from the bowl or lid. Find the perfect spot to display your marbled masterpiece!

