



Presented by



SLIME SUNCATCHERS

Overview and Objective

A polymer is a long chain of molecules. If the long molecules slide past each other easily, then the substance acts like a liquid because the molecules flow. If the molecules stick together at a few places along the strand, then the substance behaves like a rubbery solid called an elastomer.

When making homemade slime, you learn about some of the properties of polymers!

Process:

1. Take your pre-made slime and break off chunks of each color.
2. Fill the lid until it looks full, not worrying about small gaps (the slime will flow naturally into each other).
3. Wait 48 hours for the slime to dry.
4. Gently peel the slime out of the lid and stick it to a window! (If the slime drips, remove it from the window and set the wet side up to try for an hour, then try sticking it to the window again).



What have you found?

After the slime sits out it loses some of its original elasticity, why do you think that is?

Take it further!

Do you have any cookie cutters or other shaped lids/containers you could try to form the suncatchers? We want to see what you come up with, so make sure to share your pictures with us!

Share your results!

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WHAT YOU WILL NEED:

- Plastic lids
- Safety gloves and goggles
- 4-5 colors of *pre-made slime
- * Slime recipe of liquid starch, glue and neon food coloring here: <http://abc11.com/science/how-to-make-slime/1045702/>

