



Objective

This is a fun project to make particularly around the winter holiday season. It introduces the concept that different liquids have different weights.

Materials

16 – 24 oz glass jar	(available at drug or craft store)
16 oz distilled water	Ribbon
Miscellaneous plastic figurines to fit inside lid	White and / or silver glitter
Quick setting water proof epoxy in syringe	Food coloring (optional)
Glycerin	Popsicle sticks
	Paper towels
	100 grit sand paper

Preparation

Make a sample ahead of time for example and demonstration.

Activity

1. Sand the inside of the lid until the surface is rough.
2. With clear drying epoxy on a Popsicle stick, adhere the figurines to the inside of the lid, and let the epoxy dry. Make sure that the lids can still be screwed back onto the jars or you'll have to take them off and start over. Leave approximately a quarter inch all the way around the inside rim of the lid.
3. Fill the jar most of the way with distilled water, add a pinch of glitter, and a drop or two of glycerin. Don't add too much glycerin or the glitter will stick to the bottom of the jar when it's flipped.
4. Check the water, glycerin, and glitter mixture by screwing the lid on and gently shaking. Adjust mixture if glitter sticks or doesn't suspend. If it sticks you have too much glycerin and need to start over. If it does not suspend add another drop of glycerin.
5. After the water mixture has been determined unscrew the lid and gently dry the inside rim with a paper towel.
6. Run a small amount of epoxy around the inside rim of the lid to seal the jar and screw back onto the jar. Let set according to epoxy package instructions.
7. Turn the jar over and back again – and let it snow.

Discussion

Show students what happens when glycerin is not added and then what happens when it is. See if they can come up with an explanation.



Snow Globe



Harms school students with their snowglobes

