

Super Bubble

You will need:

- Adult help
- 950ml of water (about 1.6 pints)
- 30ml Washing up liquid (about 5 teaspoons) - the best results are with standard washing up liquid...don't use any "ultra" or antibacterial
- 20ml Glycerin (about 1 tablespoon). If you don't have glycerin, use about 1/4 of cup (about 3 and 1/4 tablespoons) of light (normal will work too) Golden Syrup
- Large container with lid

Let's make it!

First mix water with washing up liquid. Do this slowly so you don't create too many bubbles. Next add glycerin... our top secret ingredient! You can use the solution right away, but to make even better bubbles, put the lid on the container and let your super bubble solution sit overnight. Then take an old bubble wand, plastic straw or plastic pen outer cover (without pen insert), dip in the solution and blow a bubble. If you have an old net, try to dip that in and see what happens. You can also make a giant bubble wand by bending an old coat hanger into a round shape and wrapping string around it...use different shapes to make bubbles!

How?

The soap mixture on the outside of a bubble is actually made of three very thin layers: soap, water, and another layer of soap. This "sandwich" that is on the outside of a bubble is called a soap film. A bubble pops when the water that is trapped between the layers of soap evaporates. The glycerin or golden syrup combines with the soap to make it thicker. The thicker skin of the glycerin bubbles keeps the water from evaporating quickly so they last longer. It also makes them stronger, so you can blow bigger bubbles.

Check other posts for more bubble fun!

