



Bouncing Bubbles

You will need:

Glucose syrup (buy in 500g jar from supermarket),
Palmolive original dish wash (this brand works best)
warm water, bowl, wooden spoon, bubble wand,
soft hand towel or flannel



What to do:

1. Place together in the bowl 300ml glucose (whole jar), 600ml dish wash and 900ml of warm water.
2. Stir together gently until completely mixed
3. Using a bubble wand (can blow through a straw or shape a pipe cleaner) dip into the mixture and blow your bubble
4. Place the towel on your out stretched hand and gently catch and bounce the bubble

Take it further:

How many bounces can you get before it breaks? Do bigger or smaller bubbles last longer? Try bouncing a bubble between people in “your bubble” (it must not fall on skin)

The Science:

Bubbles are simply air trapped inside a thin film of liquid. The dish wash liquid lowers the surface tension of the water to make it stretchy enough to form a bubble. Normal bubbles usually burst when they come in contact with just about anything like dirt or oil. The glucose gives these bubbles added strength and so will bounce off of a surface if it is free of oil or dirt particles.