Super Bubble

**What to do:** Thread the string through the two drinking straws and tie the ends of the string to one another. Pour the bubble mix into the large baking pan. Wetting your fingers first, hold one straw in each hand and dip the strings and straws into the mixture for a couple of seconds.

Remove the strings from the mix and pull the straws apart so the strings are taut. Holding the straws as though they were a frame, wave them around several times. Then pull the straws upward and bring them close together.

**What happens:** you release an enormous round bubble.

**Why:** you get a large bubble because you are adding a large amount of air when you wave the straw frame and pull the straws up. As this air pushes out in all directions, you pull apart the molecules of the soapy film. But the molecules are attracted to one another, and the "elastic" skin of the bubble contracts as much as it can to form the smallest surface for the air it contains. The form that has the smallest surface is the sphere. That's why the bubble is round.

**YOU NEED**
- 3 foot (19 cm) length of string
- two plastic drinking straws
- jar of bubble mix with more detergent than water
- large baking pan