

# Ask Me About Bubbles!

Today, an instructor from the Discovery Museum in Acton visited my classroom and led a program about bubbles.

We used the skills of a scientist to make observations, ask questions, make predictions, and test out our ideas. If we look around the kitchen I might be able to show you some of the tools I used to blow bubbles. I blew a lots and lots of little bubbles with an onion bag. Ask me about their shape and color.

How long do you think a bubble can last? One second, one minute, ten minutes? Let me tell you about the marvelous bubble chamber and the bubble that lasted a really long time. Help me make the "Giant Bubble Maker" below and I will show you how to put a finger or even your whole hand through a bubble without popping it.

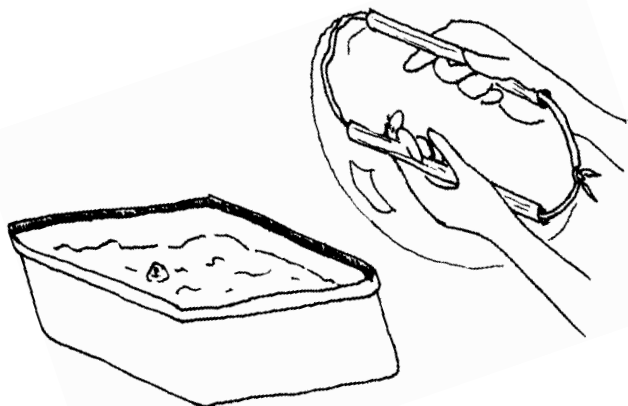
## Make a Giant Bubble Maker

### What you need:

- 2 drinking straws
- 4 feet of cotton string
- 1/4 cup liquid dishwashing soap (Dawn or Joy works best)
- a bucket with 1 gallon of water
- a shallow container large enough for the straws to lay covered in the bottom.

### What you do:

1. Mix the soap and water in the bucket and pour the solution into the shallow pan to a depth of 1/2". Mix slowly to avoid foaming.
2. Thread the string through both straws and tie the ends of the string together.
3. Holding the two straws together, dip the bubble blower in the bubble solution and remove it.
4. Slowly pull the straws apart. Do you see the bubble window?
5. Pull the bubble window through the air to make a giant bubble. To release the bubble from the straws, gently draw the straws together as the bubble forms.



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