

# Bubble-ology

## The Science of Bubbles

### Learn all about BUBBLES

Make bubbles, build a wand, and see what bubbles are all about with fun experiments!

#### What you need

- Bowl
- Water
- Dish soap
- Household items (see Step 2)
- Tape, white glue, or hot glue

#### Getting Started

##### VIDEO - BUBBLE-OLGY

Watch this video to learn what bubbles are, and see some cool experiments you can do with your bubbles.

#### Step 1

Make the bubble solution using the easy bubble recipe. 

#### Step 2

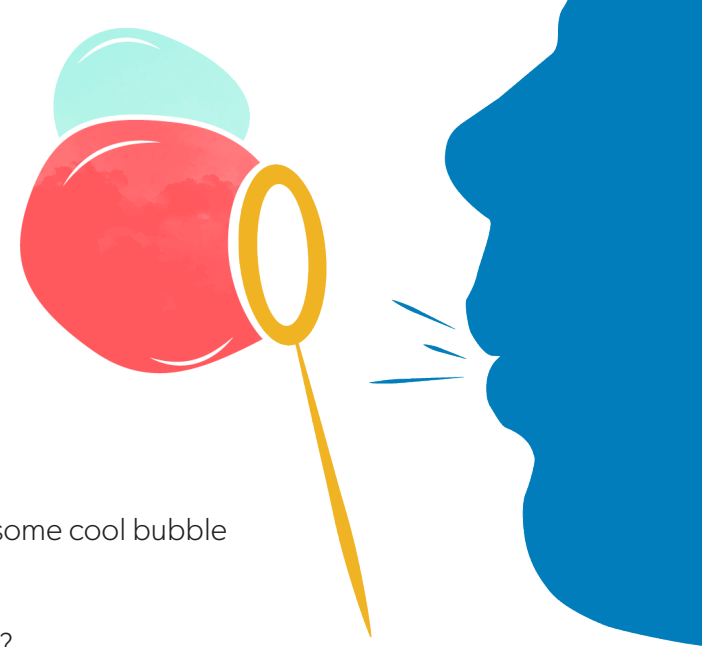
Make your own bubble wand! Use items from around the home for the wand and loop, and glue or tape them together. Try making two different types and see what one works best.

##### Handle Material Ideas

Pencils, used plastic straws, paint brush, stick

##### Loop Material Ideas

Beverage container rings, yoghurt containers cut into thin pieces, old wire coat hangers, etc.



#### Step 3

Make bubbles and do some cool bubble experiments!

Can you carry a bubble?  
What's the biggest bubble you can make?

##### Bubble Recipe

- 6 cups water
  - 1 cup dish soap
  - 1 TBSP vegetable glycerin OR ¼ Cup honey or corn syrup (optional)
1. Pour the water, dish soap and glycerin (if you have it) together in a large container or bowl.
  2. Mix carefully, trying to not get any bubbles or foam.
  3. For strong bubbles, let it sit for 4 - 8 hours. Too excited to wait? You can use them right away.

