



how to make GIANT BUBBLES



INGREDIENTS FOR BUBBLE SOLUTION

- 1 heaping Tbsp. baking powder
- 1 heaping Tbsp. guar gum
- 1 cup blue Dawn dish soap
- 1 gallon (16 cups) water

**Note: Guar gum is a gluten-free powder with 8x the thickening power of cornstarch. It is the "secret ingredient" that makes the bubbles strong. It can usually be found in natural food stores or on Amazon: <http://amzn.to/1RpaZA5>*

HOW TO MAKE BUBBLE SOLUTION FOR GIANT BUBBLES

Step 1: In large bucket/pot, whisk dish soap, baking powder, & guar gum until lumps disappear.

Step 2: Add water.

Step 3: Gently whisk all ingredients approximately 10 seconds or until well mixed.

Step 4: Let mixture sit in container overnight or up to 24 hours before using.

MATERIALS FOR BUBBLE WAND

- 2 sticks approximately 6-12 inches in length (e.g., kabob skewers with pointy ends cut off)
- Cotton string or yarn
- Metal washer or similarly heavy bead

HOW TO MAKE A BUBBLE WAND FOR GIANT BUBBLES

Step 1: Tie the top of the sticks together with string approximately 12-18 inches in length.

Step 2: Then tie another length of string to the top of one of the sticks ("Stick A"). This string should be approximately twice the length of the first string.

Step 3: Thread the washer/bead onto this second string, and tie the other end of this string to the second stick ("Stick B"). When you hold up the two sticks, the string should form a triangle with the washer at the bottom.

Step 4 (optional, but recommended): Wrap rubberbands around the tip of each stick to prevent strings from sliding off when they become slimy with bubble solution.

HOW TO FORM GIANT BUBBLES

Step 1: Put bubble wand sticks close together, slowly lower them into bubble solution until all the string has been immersed, then slowly lift the sticks and string up and out of the solution.

Step 2: Gently pull sticks apart so the string makes a triangle shape and let the breeze blow through the triangle to create giant bubbles! If there is no breeze, you can gently blow into the triangle to create bubbles, or you can walk with the sticks to create wind and bubbles.

For full directions, plus more pictures and a video demonstration, visit <http://mamaot.com/2015/07/12/how-to-make-giant-bubbles>