

# DIY Bubble Solution

The key to a bubble's success is **surface tension**. This invisible force holds water molecules together and when they align with each other, they stick together.

A thin layer of water between layers of soap create the sphere of a bubble. To create this water/soap sandwich, you need to mix the right ingredients to create a chemical solution.

## YOU WILL NEED

- 1 cup water
- 1/4 cup liquid dish soap or other liquid soap
- 1 tsp glycerin or corn syrup
- Waterproof container to hold solution
- Spoon or stirring stick
- DIY Bubble Wands

## STEPS

1. Add water to your container.
2. Add soap to water and stir slowly to start mixing the solution.
3. Add glycerin or corn syrup and stir the solution to mix it thoroughly.
4. Test your solution by dipping your bubble wand into the solution and blow a bubble.
5. If you need to you can add a little more soap at a time and keep testing until you get the bubbles you want
6. Have fun blowing bubbles with your very own solution!

**NOTE:** You can make a bigger amount of solution by doubling the ingredients. Use two cups of water, 1/2 cup of soap and 2 tsp corn syrup or glycerin.

## EXTRA CHALLENGE

Try different types of soaps to see what makes the best bubbles, or use a few food drops of food coloring in your bubble solution to make colored bubbles!

