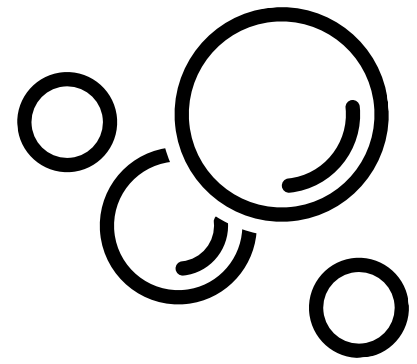


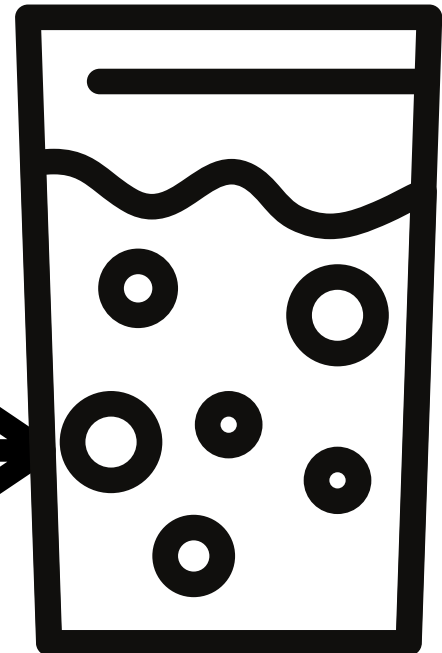
Bubble-ology

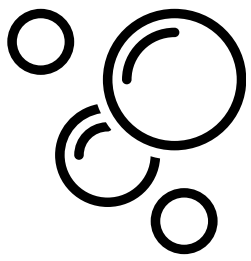


Activity #4: Science Extension

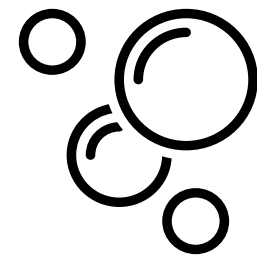
In this activity, you are going to make anti-bubbles! Anti-bubbles are the opposite of regular bubbles. Instead of capturing air in a bubble of water and soap, you will be trapping water in a bubble of air!

Anti-bubbles





Bubble-ology



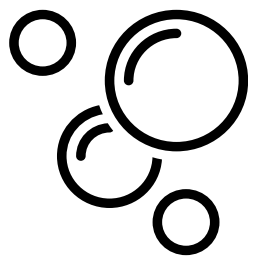
Activity #4: Anti-bubbles

Materials:

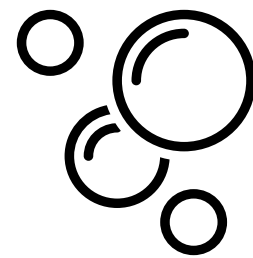
- A clear glass
- 3 cups of water
- 1/2 cup dish soap
- 2 tablespoons corn syrup
- Pipette
- Food Coloring

Directions:

1. Combine water, dish soap in a clear glass and stir well
2. Pour a quarter of the solution into a second glass
3. Add food coloring to the second solution
4. Draw colored water solution into pipette
5. Hover pipette over the surface of the clear solution and expel the water quickly to see anti-bubbles. Draw where the anti-bubbles hover in the worksheet below
6. Add 1 tbsp of corn syrup to the clear cup and stir. Repeat step 5
7. Add a second tbsp of corn syrup and stir. Repeat step 5



Bubble-ology



Water • Dish Soap • Corn Syrup • Pipette • Food Coloring

No Corn Syrup

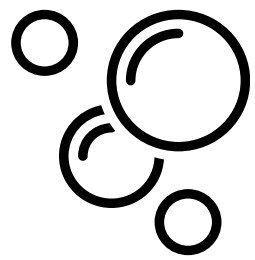


1 tbsp Corn Syrup

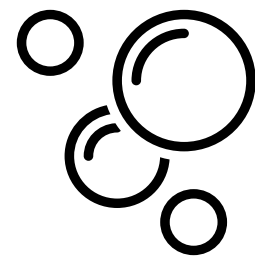


2 tbsp Corn Syrup





Bubble-ology



Activity #4: Anti-bubbles

In this activity, you made anti-bubbles. By adding corn syrup, you changed how thick the clear solution was. The thicker the solution, the more difficult it is for anti-bubbles to travel to the surface.

Without any corn syrup, the anti-bubbles should have risen to the top of the water and popped.

When you added 1 tbsp of corn syrup, the anti-bubbles should have been suspended in the middle of the glass, and when you added the second tbsp, the anti-bubbles should have rested somewhere near the bottom of the glass.