

Understanding the air we breathe

Activity 2 - Let's blow some bubbles

We breathe air in all the time. Even though we can't see the air, we know it is all around us. So, what is one way we can 'see' air?

Bubbles

Get an adult to help you create bubbles if you're doing this at home!

Ingredients

- » 4 cups of warm water
- » 1/2 cup of sugar
- » 1/2 cup of dishwashing detergent
- » 1 stick
- » 1 pipe cleaner
- » Glue, beads (optional)

Instructions

1. Combine the sugar and water. Whisk the sugar into the water until it dissolves.
2. Whisk in the dishwashing detergent. You now have your bubble solution.
3. Let the solution sit for an hour or two.
4. While you wait, you can make your bubble wand. Get your pipe cleaner and wrap the end of it to the end of your stick. (TIP: You can glue on beads to your pipe cleaner and stick too!)
5. Create a circle with your pipe cleaner and wrap the other end to the stick.
6. Once your solution is ready, dip your bubble wand into the solution and see a wall of solution inside your circle.
7. Blow towards the circle and you should be able to form your own bubbles!

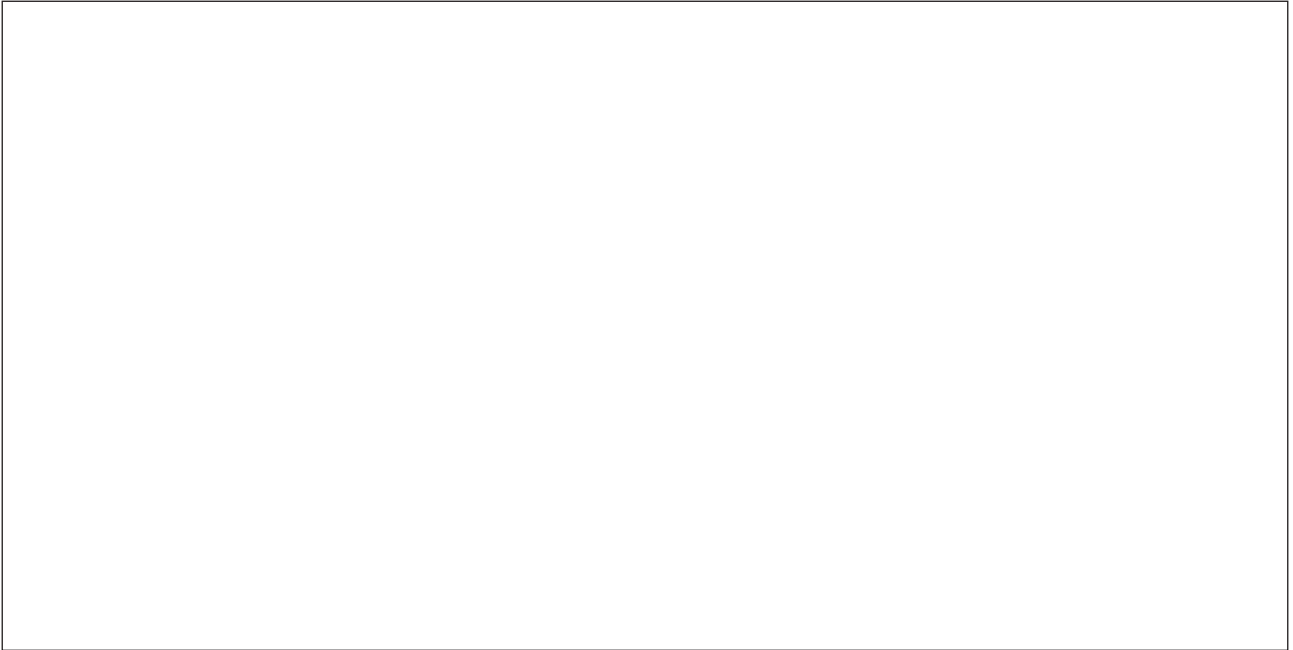


For the better

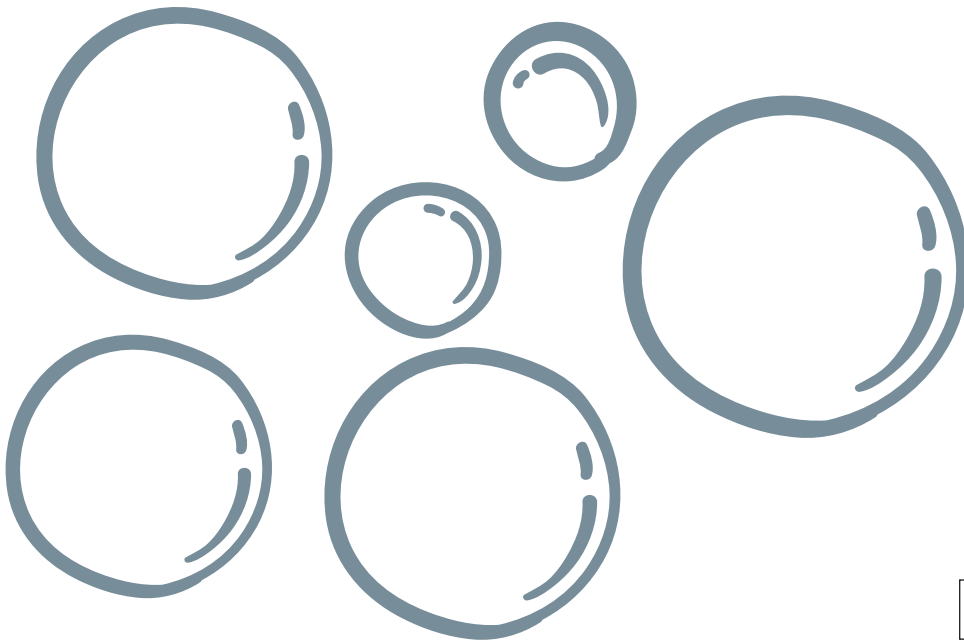
How are bubbles made? - Can you fill in the gaps?

Bubbles are s_____ and w_____ that are filled with air. When soap and water are mixed and a_____ is blown into the mix, the soap forms a thin wall and traps the air.

Draw a picture of you blowing some bubbles



In the bubbles below, draw your family, friends and pets that need to breathe in clean air.



Answers: soap, water, air



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