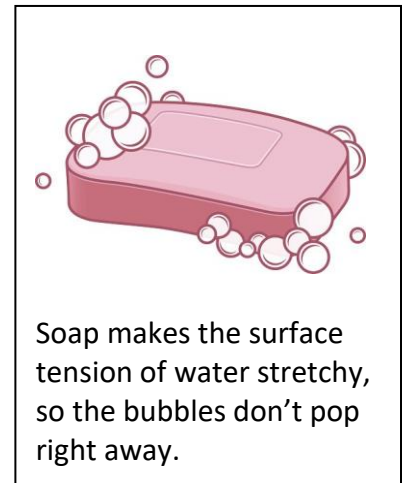
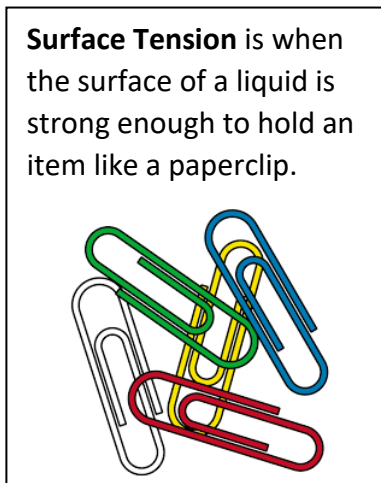
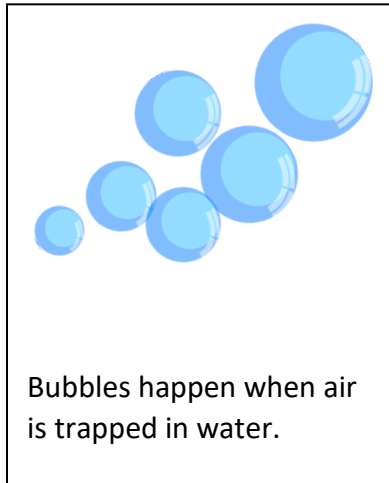


All About Bubbles (K-2)

The SCIENCE of BUBBLES:



READ:

[Trouble Gum](#) by Matthew Cordell is a fun place to start thinking about bubbles! Don't have this book at home? You and the kids can read the [online version](#) too.



ACTIVITY:

Materials: dish soap (Dawn or Joy work best), water, bowl and/or plate, straw, fork, paper clip, pipe cleaner (optional)

1. Pour water in the bowl/plate. When the water is still, challenge yourself to "float" the paperclip on the surface!
2. Using a straw, blow bubbles in the water.
3. To make longer-lasting bubbles, add 1-2 drops of dish soap. Stir with the fork and try blowing bubbles again.
4. To make more bubbles, add more soap!

What is happening? Soap makes the surface tension of the water more flexible. The air you add by blowing through the straw put air pressure inside the water, making a bubble!

For step-by-step instructions, watch the video at: [Bubbles STEM](#)

This at-home educational activity is from the Literacy Coalition of Palm Beach County's literacy-based Stories & STEM program. Stories & STEM is made possible with support from Prime Time Palm Beach County, Inc., which receives significant funding from the Children's Services Council of Palm Beach County, Inc.

Having fun? Send pictures or video links of you and your Stores & STEM projects to csharkey@literacypubc.org