

LET'S DO CHEMISTRY

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# Sublimation Bubbles



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## Get ready

Put on your safety goggles.

## Observe the dry ice

Take a look at the dry ice in the container on the table. Does it look familiar? What do you observe? How is it the same or different from regular ice?



## Add water

Ask the presenter to drop one piece of dry ice into a water-filled container. What happens? Do you notice anything coming out of the bottle?

The fog is safe to touch with your finger. What does it look and feel like?



## Make dry ice bubbles

Take a felt strip out of the bubble solution and slowly pull it from one side of the top of the bottle to the other side to form a thin bubble film. What happens? What does your bubble look like?

You may want to rinse the bubble solution off your fingers.



### SAFETY:

Dry ice is very, very cold. Do not touch the dry ice with bare skin, and always wear safety goggles.



**Let's keep experimenting!** Explore making more bubbles! Pop them with your fingers or catch them on the felt strip. What changes do you notice in the water as you continue to make bubbles?