

ZOOM SESSION LESSON PLAN

YDP Name(s): *Veronica Flores*

Creative Zoom Session Title: Unpoppable Bubble Fun

Creative Zoom Synopsis (1-2 sentences max.):

We have Bubble-Bubble Making that should not rupture or pop as fast as regular bubbles. Can't wait to have fun with bubbles!

Date and Time of Zoom Session:

Age Group: Kinder-1st

Group Size: 5-10

Core Program Area: Education

Priority Outcome: Once you've blown as many bubbles as you want, you can play with them. You can bounce these bubbles up and down in your hands or throw them back and forth across the room.

Session Main Activity Objective or Purpose: In short, bubbles pop when the soap film ruptures, which often happens via evaporation of the contained water. The use of an ointment (that is, a substance that attracts and retains the moisture in the air nearby through absorption) ex: corn syrup, prevents evaporation and this prolongs the film.

Skills Practiced: Listen to detail and be engaged with excitement of bubble making

Brief Description of Warm Up: Unpoppable bubbles are bubbles made from corn syrup, dish soap and water that last longer than average. After mixing your ingredients carefully, you can blow fun bubbles to play with as you wish!

Brief Description of Main Activity: Get a measuring cup and measure out the corn syrup, water, and dish soap and set them aside. You can use distilled water or tap water from your sink. **Add your ingredients in the right order.** The order you add your ingredients to a mixing bowl matters in this project. Add the water first. Then, add the dish soap. Add the corn syrup last. **Stir your ingredients very slowly.** You do not want any bubbles to form while you're mixing your ingredients. If you stir too fast, bubbles will begin to form prematurely. Stir your ingredients slowly until you have an even mixture. Use a spoon to stir your ingredients. **Dip the pipette/or straw into the mixture.** Dip the tip into the mixture. You only need to make one, quick dabbing motion to get the bubble mixture to spread on the pipette/or straw.

Reflection Questions: Do you think the bubbles seem to last longer than regular bubbles? Is this something you can make by yourself for friends and family?

Feedback poll questions: Show me Thumbs! Up, Down, or Sideways all around?

Session Preparation and Setup: Have a clean area with your materials ready

Additional On the Spot Fun Ideas: Set the solution aside for stronger bubbles. You can set aside your solution for up to two days and still use it. In general, the longer you set your solution aside, the longer it will last. If you were unhappy with how long your bubbles lasted, try making the solution again and letting it sit for a while before blowing bubbles.

Supplies Needed:

- 1/2 cup corn syrup
- 3 cups of distilled water (or tap water)
- 1 cup dish soap
- Pipette or Straw





Additional Staff Needed: