

INVESTIGATING BUBBLES

Have you ever wondered how bubbles are formed? They can be found in carbonated drinks, in the ocean, and even in dish soap! In this activity, use the inquiry design process to investigate how we can create bubbles using simple household materials.

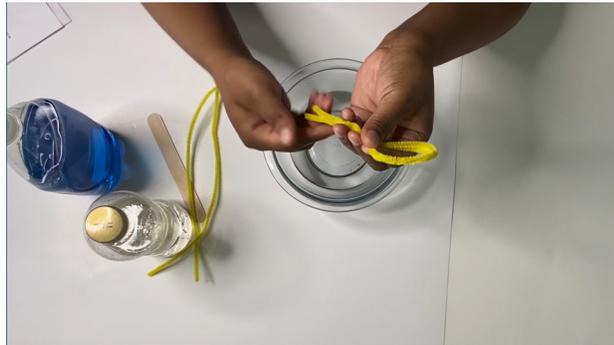
MATERIALS:

- small mixing bowl half filled with room-temperature water
- dish detergent
- corn syrup
- popsicle stick (or other mixing utensil)
- 4 pipe cleaners



PROCEDURE:

Step 1: Take two pipe cleaners and twist them together. Fold the pipe cleaners in half to create a loop. Then twist the ends together to create a handle. This will be your bubble wand.



Step 2: Take the remaining two pipe cleaners and twist them around the stem of the bubble wand. This will help strengthen the stem.



Step 3: Add about two tablespoons of dish detergent to your bowl of water.



Step 4: Add about two tablespoons of corn syrup to the bowl.



Step 5: Using a popsicle stick or mixing utensil, mix the ingredients together in your bowl.



Step 6: Dip your bubble wand so that it is fully submerged in the mixture.



Step 7: Blow into the bubble wand to create bubbles!

