
June 11th, 2020

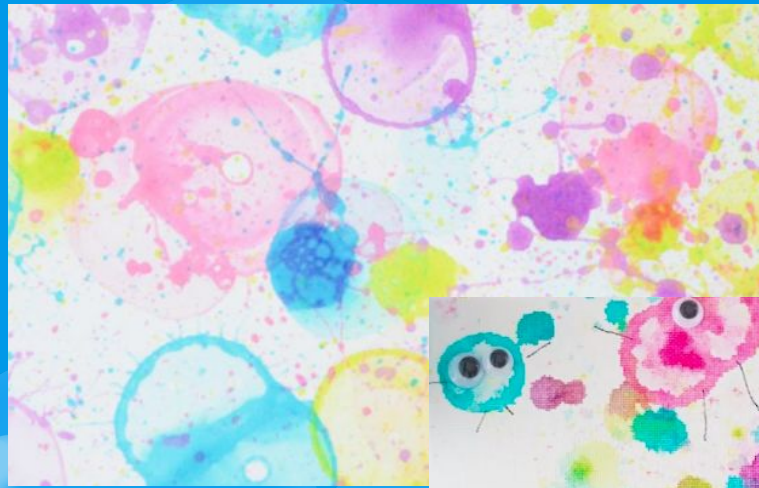
Bubble STEAM Challenge

We know you've blown bubbles before,
but we bet you haven't tried it like this!

Bubble Painting

Materials

2 TBSP Dish Soap 1 Cup Water
Food Coloring/Paint Straws
Paper or Cardstock Painters Tape
Plastic Cups or Containers (for colors)



Make your bubble mixture by mixing together the dish soap and water. Then separate into plastic cups and add color. Then take your straw, dip in the color you want, and blow onto your cardstock.

*Use painters tape to make a design before you start painting, when you are done, remove painters tape to reveal your design!

* Make your bubbles into monsters by adding googly eyes when your paper is dry, use a marker to make arms and legs!

[Click here for a bubble painting video](#)



Bubble Snakes

Materials

Scissors

Sock

1 TBSP Dish Soap

Bowl

Empty Water Bottle

Rubber Band

½ Cup Water

Have an adult help by cutting the bottom off of the end of the empty water bottle bottle. Fit the sock around the missing end, secure with a rubber band. Mix dish soap and water in bowl. Dip the sock in the bubble mixture, lift it up and blow through the drinking end of the water bottle!

Experiment by blowing faster/slower.

You can also add liquid food coloring to the sock at the opening of the bottle. Then dip in the bubble mix and get colored bubble snakes!



[Click here for
a bubble
snake video](#)



Giant Bubbles

Materials

Dish Soap

Water

Large Bowl

Large Baking Sheet

2 Plastic Straws

30-inch Piece of String

Mix $\frac{1}{3}$ cup of dish soap with 2 cups of water. Pour onto the large baking sheet. Lace the string through both of the straws and then tie the ends of the string together to make a giant loop. Holding a straw in each hand, dip the string in the bubble mixture, hold it up with the straws close together. Pull the straws apart and blow into your circle or let the wind help you blow your giant bubble!



[Click here for a video link](#)



Slime Bubbles

Materials

½ Cup White or Clear Glue	1 Spoon
½ TSP Baking Soda	1 Bowl
Liquid Food Coloring	1 Straw
2 TBSP Contact Solution	
Vegetable Oil (Optional)	

Mix together the glue, baking soda, and a few drops of food coloring in the bowl using the spoon. Slowly add the contact solution, until the mixture stops sticking to the bowl. Add a few drops of oil to keep the slime from sticking to your hands.

To make bubbles, lay the slime flat, insert the straw, and blow! Once you have mastered blowing a bubble, see if you can make a double bubble!!



[Click here for a
slime bubble video](#)



Hand Bubbles

Materials

2 ½ TBSP Dish Soap

1 Cup Water

1 Bowl

Mix together dish soap and water in a bowl.
Dip one hand in the solution so it is covered.
Curl your index finger in and touch your thumb (like the OK sign)
Dip your circle back in the mixture and then blow through the hole!
If your hand is coated in solution - the bubble should sit on your hand!



[Click here for a hand bubble video](#)



UnPoppable Bubbles

Materials

3 Cups Water
1 Cup Dish Soap
½ Cup Corn Syrup
Straw

To make UnPoppable Bubbles, pour water into a bowl, add dish soap and corn syrup, and mix well.

Dip the straw into the mixture and blow!

Watch your UnPoppable Bubbles come to life!



[Click here to watch a video](#)



Send us Pictures!

Your STELLAR teachers want to see your pictures! Please email pictures of your bubble projects to your STELLAR teacher - they will be featured in a STEAM slideshow on your schools home website!!

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