



# POP!

THE SCIENCE OF BUBBLES

## BUBBLE-LOGY

Physics | Grades K-2

Using the materials listed below, create your own bubble solution and bubble wand. You can even add paint to create bubble art. Use the provided worksheet to guide the exploration and learn about surface tension.

### MATERIALS

Dish Soap, Corn Syrup, Water, Containers for bubble solution, Straws, Washable Paint, Paper, Pipe Cleaner, Bubble Wand (Optional), Space to make a mess



Never stop wondering.  
Never stop imagining.™

# BUBBLE-LOGY

## STORYTIME

What is a bubble? Draw a bubble:

What shape is a bubble? Why are bubbles this shape?

What do you need to make  
a bubble?

What is your recipe for making  
a bubble?

# BUBBLE-LOGY

## MAKING BUBBLES

How can you make a bubble without a bubble wand?

Draw out your bubble wand design:

# BUBBLE-LOGY

## POPPING BUBBLES

Why do bubbles pop?

What is surface tension?

Draw out an example of surface tension: