



# ADAPTIVE OUT OF BOUNDS TAKE-HOME ACTIVITY



CITY OF CORONA  
**LIBRARY AND  
RECREATION  
SERVICES**



Secret Code: Balloon

## Corona Adaptive

- The City of Corona Adaptive program is proud to offer a variety of recreational, educational, social, and creative activities for those 16 years and older with developmental disabilities.
- Out of Bounds is designed for teens and adults with special needs. This interactive presentation Summer 2020 program is designed to engage participants, encourage thought and the ability to learn through science experiments. Families and caretakers are highly encouraged to participate.

## Activity

### The Balloon That Inflates Itself: An Experiment

[CLICK HERE FOR VIDEO INSTRUCTIONS.](#)

#### What you need:

- An empty water bottle
- A balloon
- 3 teaspoons of baking soda
- 1/3 cup of vinegar
- 2 people are needed

#### What to do:

Step 1- Pour 1/3 cup of vinegar into the empty water bottle and set aside.

Step 2- One person hold open the neck of the balloon, while the other person put 3 teaspoons of baking soda inside it. (Yes, you might create a mess.) Make sure the baking soda is down inside the balloon.

Step 3- Carefully stretch the neck of the balloon over the top of the water bottle with vinegar in it. Do not let the baking soda fall out of the balloon into the water bottle with vinegar!

Step 4- Now, hold the bottle with one hand, while using the other hand to empty the baking soda into the water bottle.

Step 5- Watch what happens! The balloon will start to inflate. Why do you think this happened?

#### How it works:

When the baking soda and vinegar is combined, a chemical reaction occurs. Carbon dioxide gas is created and without anywhere to go, it pushed up through the neck of the water bottle, inflating the balloon.

## Coloring

For more fun, three sheets have been attached for you to print and color!









