

# Salty Soda

## SCIENCE EXPERIMENT

### LESSON 2



**Purpose:** This activity will add a fun element to the service and will engage the children's attention.

**Description:** The children will watch an engaging experiment conducted by the Teacher and Co-Teacher to capture the children's attention and imagination.

**Materials Needed:** For this activity you will need this Help Sheet, two safety goggles, one 20 ounce unopened plastic bottle of Coca-Cola®, one balloon, salt, one pie tin or baking sheet for easy clean up, and one table to perform the experiment on.



**To introduce this activity at the beginning of service, say the following:**

1. Today's experiment is called Salty Soda.
2. I'm going to pour some salt in this balloon...perfect!

*Note: At the beginning of service, the Teacher will come out from backstage whistling. Stand the bottle up in the center of the pie tin. Pour a generous amount of salt (roughly 3 tablespoons) into the balloon. Once the Teacher has prepared the experiment, the Co-Teacher will enter and service will officially begin.*

**For detailed instructions on how to do this activity, see the Teacher/Co-Teacher Training Video.**



**During the activity in the middle of service, say the following:**

1. It's almost time to go to our Scientific Groups but before we do, let's take a look at today's Science Experiment.
2. I have always been curious about what happens when I go to the movies and put salt on my popcorn and then drink soda. We're going to find out right now.
3. Go ahead and put your safety goggles on.
4. Wow! Look at the balloon fill up with air.

*Note: Attach the balloon filled with salt to the lip of the bottle. Hold up the balloon and allow the salt to fall into the soda. The mixture of salt and soda will cause a reaction that will fill the balloon with air.*



**After the activity, say the following:**

Now it is time for our Scientific Groups. Have fun!