



Date: Friday, July 10, 2020
Time: 10:00 a.m. (30-60 mins)

Materials:

2 Tbsp Citric Acid
½ Cup Baking Soda
Food Coloring (not included)
Water (not included)
Bowl (not included)
Toy Dinosaur

Activity Agenda

Dino Bath Bombs



I. Welcome

Be sure to have your materials ready before the video session starts and always ask an adult for help and permission.

II. Activity Overview

- Today we will be making fizzy dinosaur egg bath bombs! You will learn about the chemical reaction that causes the fizzing in your DIY bath bomb and create a fun bath toy for later.

III. Grade Levels – K-12 (D, B, J, C, S, A)

IV. Activity

- **Step 1:** Add 1/2 cup baking soda to a small dish/container and add 1-2 drops food coloring to 1/4 tsp water. Break up and spread the coloring throughout the baking soda until it is uniformly colored
- **Step 2:** Next add at least 2 Tbsp of citric acid.
- **Step 3:** Mix the citric acid throughout your colored baking soda. You may see a small amount of fizzing and/or feel the mixture getting cold - this is because citric acid, water, and baking soda will react together and there is a small amount of water in the colored baking soda. Next add 1 tsp of oil (we used olive oil) to the mixture and mix well.
- **Step 4:** You should have a dry and crumbly dough that just barely sticks together if you smoosh it. If it is not sticking together under pressure, slowly add more oil 1/4 tsp at a time. You do not want a wet dough - it should be very crumbly and dry.
- **Step 5:** Take your small dinosaur and press handfuls of the crumbly mixture onto the dinosaur's body such that you create an egg shape around the dinosaur.



- **Step 6:** Though the egg will be crumbly and fragile when you finish it, by the time it has dried overnight, it will be pretty solid. Just set it somewhere where it is unlikely to be disturbed while it dries. Do leave yourself at least 10 hours for the egg to harden. Once the eggs have hardened - all you need to do is add water! The best water for this activity comes in a bath form!

V. Clean Up

A Girl Scout always leaves a place cleaner than she found it.

VI. Closing

Be sure to tune into our next activity – Virtual Campfire at 6:00 p.m.

See you soon, Girl Scout!