

Date: Tuesday, July 7, 2020
Time: 3:00 p.m. (30-60 mins)

Materials:

Cookie
Toothpick
Paint Brush
Stratigraphy Worksheet

Activity Agenda

Cookie Excavation



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 learning what it is like to be a paleontologist! We are going to be excavating fossils and artifacts from our very own dig site- a very yummy dig site! You will be learning how archeologists and paleontologists dig up fossils, preserve those fossils, and keep track of everything they find. Get ready to dig up some fun!

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

IV. Activity

- For this activity, artifact means any chocolate chips or M&M's.
- Step One: Place your cookie on Grid A of the worksheet. In Grid B, draw your cookie with all the visual artifacts (chocolate chips and M&M's) you can see.
- Step 2: With your toothpick, slowly and carefully chip away at your cookie to reveal the chocolate chips. For an extra challenge, try not to move or pick up your cookie at all. Archeologists are not allowed to move things around at their dig site. Use your paint brush to chip away any crumbs. Place all your cookie crumbs into the box to the right of grid A.
- Step 3: If you reveal any more artifacts draw them in on grid A with the other artifacts you drew
- Step 4: As you continue to discover your dig site and draw a map of your artifacts, listen along for facts and a lesson about how fossils are formed and how scientists find those fossils.



v. Clean Up

Make sure to clean up your cookie crumbs! A Girl Scout always leaves a place cleaner than she found it.

vi. Closing

Be sure to tune into our next activity – Campfire Meals tomorrow at 9:00am

See you soon, Girl Scout!