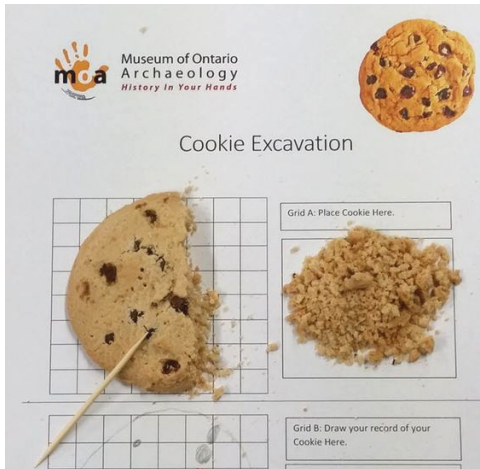


CHOCOLATE CHIP COOKIE

Excavation Activity



MATERIALS

Excavation Worksheet
Chocolate Chip Cookies
Toothpicks
Pencil

In archaeology, **excavation** is the exposure, processing, and recording of archaeological remains. Researchers use several methods to uncover and preserve ancient artifacts. No matter which method they use, they are always sure to be very, very careful!

This cookie excavation will help you to understand the care that must be taken during a dig in order to not damage the fragile artifacts. You are going to work carefully and strategically to remove the chocolate chips from the cookie without breaking them. You will also gain an understanding and appreciation for how archaeologists have to destroy the dig site in order to retrieve the artifact; however, they map out the site in detail to preserve the information, which is what you will be doing with your cookie!

DIRECTIONS

Place your cookie in the box labeled Grid B. Trace it with a pencil and then slide it up into the box labeled Grid A.

Next, map out the location of the chocolate chips as accurately as you can in Grid B. Using a toothpick, begin to excavate your chocolate chips. Be careful not to destroy the chocolate chips! Use the toothpick to chip away at the cookie around each chip creating crumbs. These crumbs will be placed in the "Back Dirt Pile" and the chocolate chips will go into the artifact collection box.

Once you have successfully removed all of the chocolate chips, count them and place the total number on the line. Congratulate yourself on a job well done and snack on your artifacts!