

EROSION

This easy activity and demonstration will teach your kids about erosion.

INSTRUCTIONS:

STEP 1: Grab a paper plate and a few cookies or crackers.

STEP 2: Use the straw to blow on your crackers. The straw simulates the wind. Record your observations.

STEP 3: Now poke the cracker with a toothpick. This simulates birds and animals pecking and poking around in the ground or soil, loosening it. Now blow with the straw again.

STEP 4: Add drops of water to simulate rain. What did you observe?

STEP 5: Record all of your observations on erosion and what you learned.

SUPPLIES

**Cookies or
crackers
Paper plate
Toothpick
Water dropper
Straw**

THE SCIENCE

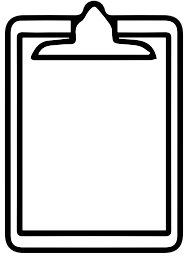
Erosion is a natural process that occurs when soil, rocks, and other materials are worn away by wind, water, and other forces. It is a slow process that happens over time, but it can have a big impact on the environment.

There are different types of erosion, including water erosion, wind erosion, and glacial erosion. Water erosion happens when water flows over land, washing away soil and other materials. This can happen in rivers, streams, and even in rainstorms. Wind erosion happens when winds blow over the ground, picking up soil and other materials and carrying them away. Glacial erosion happens when glaciers move over land, carving out valleys and reshaping the landscape.



Erosion Observations

Use this worksheet to process and evaluate your work.



RECORD



What did you observe when you blew on the crackers?

What happened after you broke off pieces of the cracker?

How do you think erosion affects your neighborhood?

What did you learn about erosion?
