

Big Rocks, Little Rocks

K-1

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Key Points:

- Erosion breaks rocks into smaller pieces.
- These small pieces help make up sand and dirt.

Materials:

- Cookie
- Napkin

Procedure:

1. Give each child a cookie and let them take one small bite.
2. Get them to "be erosion" by smashing their cookie into small pieces on a napkin.
3. Get them to taste the smashed cookie "dirt" and see if it tastes the same as the big cookie.
4. Show them a piece of sandstone, and some sand.

Discussion:

Explain that the sand is just tiny little pieces of the sandstone, the way their cookie "dirt" was just little pieces of the cookie.

Questions:

1. What kinds of things could break up rocks? (Ice, water, wind)
2. Would sand from different kinds of rocks look different?