

# How Can You Stop Erosion?



Erosion is the natural process through which forces like water, wind, ice, and gravity wear away at rocks and soil. Today, you are going to try to utilize materials you find in your home to try and stop the effects of erosion.

## Materials

- Dirt/Sand (found outside your house)
- Cup of Water
- Materials from your home/yard (rocks, sticks, pine cones, blocks, legos, etc.)

## Instructions

1. Talk to an adult about where you might be able to dig up some dirt or where there might be a pile of dirt/sand that you can use.
2. Use that dirt to create a small pile.
3. Begin pouring water from your cup on your pile and watch what happens to your pile.
4. Once you've observed the effects the water had on your pile you can either rebuild it or begin another.
5. Before pouring more water onto the pile, use the materials you gather in your home/yard to try to prepare the pile for the water. Your goal should be to protect your pile so that the water does not destroy it as it did your first pile.
6. Continue rebuilding your pile and making modifications to it to try to see which materials best protect your pile from the water.