



NATURAL ARCHITECTS

PROCEDURE: Students work in pairs or small groups to set up a lab activity that will be completed the following school day.

The teacher should model the lab set-up procedure as the students follow the directions on the lab preparation sheet.

GRADES: Middle to high school students

DURATION: 20 minutes

MATERIALS:

- Paper plate
- Paper cups
- Tap water
- Gravel or coarse sand
- Plastic wrap
- Tape
- Copies of the *Natural Architects* lab activity preparation sheet for each pair or small group of students.

NATURAL ARCHITECTS

◆ HOW GLACIERS SHAPE THE LAND ◆

LAB ACTIVITY PREPARATION

Materials:

1. Paper cup
2. Tap water
3. Gravel or coarse sand (enough to fill about $\frac{1}{2}$ of your cup)
4. Plastic wrap
5. Tape
6. Paper plate

Procedure:

1. For this activity you will need to work with a partner or in a small group.
 2. Fill $\frac{1}{2}$ your cup with gravel or sand.
 3. Fill the cup with water until there is about an inch of water over the rocks.
 4. Securely tape plastic wrap over the top of the cup.
 5. Flip the cup onto the paper plate.
 6. Write your group's name on the paper plate.
 7. Leave the inverted cup (on the plate) in a freezer overnight.
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