

TEACHER'S GUIDE

WATER WIZARDS

NATURAL FACT

Review

Remind students of what they learned in the activity.

Purpose

The purpose of this activity is for students to identify natural and man-made objects in the environment.

Materials

two signs labeled "natural" and "man-made"
samples of natural and man-made objects (leaves, sticks, soil, pebbles, feathers, cotton balls, shells, dried flowers, sandpaper, toothpicks, bottle caps, buttons, paper, plastic straws, styrofoam, pencils, pine cones, sponges, salt, etc.)
construction paper

Experiment for "Do This...?"

1. Place the "natural" sign and all the objects on one table and the "man-made" sign and man-made objects on another table.
2. On the chalkboard, make two columns labeled: "natural" and "man-made." Ask students to list some characteristics they can expect to observe from each object (i.e., hard soft, sharp, furry, smooth, shiny, scratchy, brown, red, green, blue, smelly, sweet, etc.).
3. Divide the class into two groups and let them handle the objects from the tables, one group handling only natural objects and the other group handling only man-made objects. Encourage them to touch and smell each object. Have students decide whether each object was made by nature or if someone made it. Explain to students that man-made objects that came from a natural objects. Ask students, if they can identify any man-made objects that came from a natural object and, if so, name them.
4. Ask students to name characteristics they observed. First, ask students to name characteristics of the natural objects and then name characteristics of the man-made objects. Add these characteristics to the list on the chalkboard. Discuss whether these characteristics show if an object is man-made or both and if some traits are common to both.
5. Repeat the procedure with the groups switching tables.

Reinforcement in "Can You Tell Me..."

Have students answer questions individually or as a group. Encourage creativity. Let students complete Water Wizard Workout as time allows.

Extension

1. Review "Water Wizard Home Brew" for students. Encourage students to share with their parents and incorporate activities into their daily life.
2. Have students draw their left and right hands onto two pieces of construction paper or cardboard. Have them glue five man-made objects to one hand and natural objects to the other. Label, collect and display.