



Natural Resources*

Activity M.d

GRADE LEVELS: 7 - 8

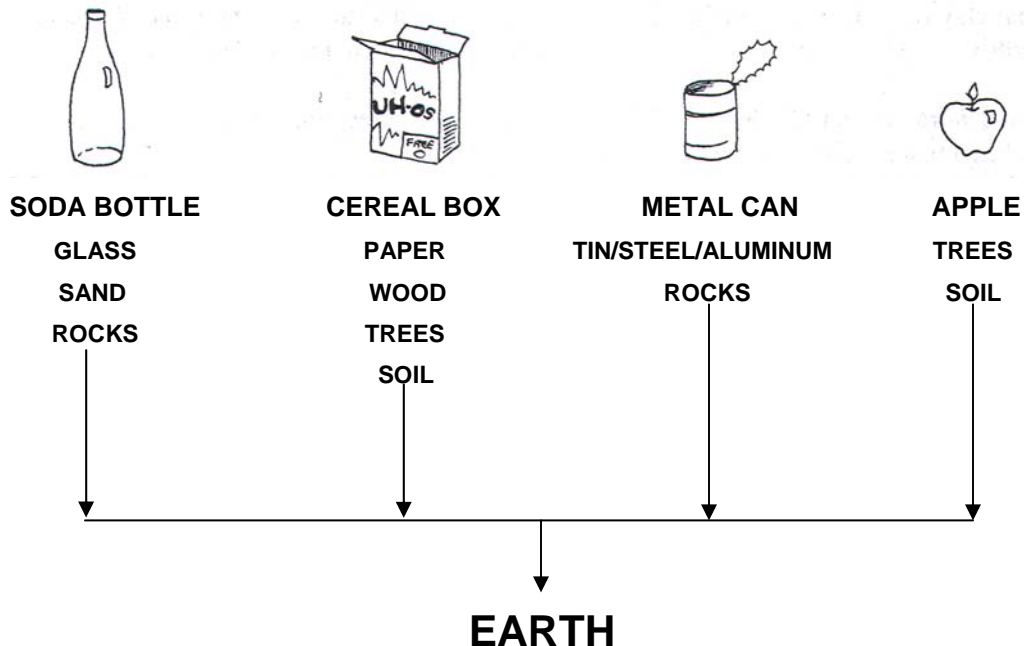
OBJECTIVE: To introduce the concept of natural resources.

VOCABULARY: natural resource, raw materials, energy

PROCEDURE:

Part One Have students name objects made of paper, metal and glass, and a favorite type of food.

Using available blackboard space or butcher paper, assist students in tracing the objects and food back to their source. For example, a soda bottle is made from sand mixed with soda ash and lime and melted down to form a liquid, which is then molded into glass. See if students can trace the origin of the other objects illustrated below.



Part Two Have students brainstorm a list of anything they use that is not provided by the earth.

Clarify that *raw materials* that we take from the earth to make into other things are called natural resources. *Energy*, which is also a natural resource, is required to change objects from their natural forms into the products we use.

Q. What are some forms of energy?
(solar, wind, thermal, electrical, nuclear, mechanical, chemical)

Q. What kinds of energy does a tree need to produce fruit?
(solar, chemical)

Discuss the forms of energy involved in producing the objects in Part One of this activity.