



A Slice of Soil



Soil is one of the most important natural resources. All living organisms depend on soil for survival. Soil is essential to our everyday lives. It is our responsibility to be good stewards and care for the land and natural resources. We should be concerned about soil erosion. The utilization of conservation practices help preserve and protect the soil from erosion, as well as protect and improve water quality, improve air quality, store carbon from the atmosphere, and enhance wildlife habitat.

Purpose:

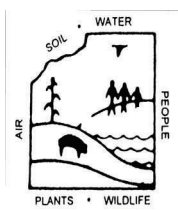
A Slice of Soil demonstrates the amount of the earth's surface is available to use for food production

Materials:

One Large Apple
Plastic Knife

Procedure:

1. Cut the apple into four equal parts. Three parts represent the oceans of the world. The fourth part represents the land area.
2. Cut the land section in half lengthwise. Now there are two $1/8$ pieces. One $1/8$ section represents land such as deserts, swamps, mountains, the Arctic and Antarctic. The other $1/8$ section represents land where we live and are able to produce food.
3. Slice the $1/8$ section crosswise into four equal parts. Three of these $1/32$ sections represent the areas of the world which are too rocky, too wet, too hot, or where soils are too poor for production, as well as developed areas.
4. Carefully peel the skin of one $1/32$ section. This small peeling represents the soil of our earth on which we depend for food production.



Henry County Soil and Water Conservation District