

Environmental Studies Program  
Science Enrichment and Extensions

**EARTH MATERIALS**



1. Rock Collection

- a. Build a collection of rocks of at least twelve different kinds.
- b. Label each rock.
- c. Give the location of where this rock can be found.
- d. Draw a picture or construct a graph to show ways we use these materials to benefit people.

2. Limestone and Farming

- a. Contact the U.S. Department of Agriculture or a garden supply store to find out how limestone and its products are used in farming.
- b. Record your findings using one or more of the following:
  - charts
  - graphs
  - photographs
  - timelines
  - drawings
- c. Write your responses to the following questions:
  - How is limestone formed?
  - What are some other ways limestone can benefit the world?
  - Has our environment been changed by using limestone resource?

-Can you think of another use for limestone?

### 3. Minerals We Eat and Drink

- a. Identify and research the different minerals we eat and drink.  
(mineral, water, vitamins)
- b. Record your findings using one or more of the following:
  - charts
  - graphs
  - photographs
  - timelines
  - drawings
- c. Compare and contrast the differences between minerals occurring naturally in the environment and how they have changed so that our body can use it.
- d. Look at the ingredient label on a vitamin bottle and list the minerals found there.
- e. Write your responses to the following questions:
  - Are minerals essential to good nutrition?
  - Can we survive without minerals?