

ROCKS, MINERALS, AND FOSSILS

MAIN OBJECTIVES

- learn to identify sedimentary, igneous, and metamorphic rocks.
- learn the difference between rocks and minerals.
- learn the Rock Cycle
- learn how fossils are formed and how scientists use fossils to learn about life forms and the Earth's history.
- critical thinking

ACTIVITY

Students review materials explaining the rock cycle. They will then participate in groups to make rocks from crayons. The process of weatherization, erosion, pressure, and heat are demonstrated by the activity. They will also make their own fossils that enforce the understanding of how fossils form in nature.

Note: This activity is particularly effective when coupled with a field trip to the Aurora Fossil Museum.

MATERIALS:

PENCIL SHARPENERS

WAX CRAYONS

ENVELOPES

WAX PAPER

HOT PLATE

TWO PAIR OVEN MITTENS

ALUMINUM FOIL

FOIL PIE PANS

NEWSPAPER

C CLAMPS

PLYWOOD

5 SMALL TRAYS (FOR PRODUCT

DISPLAY)

(FOR PRODUCT

DISPLAY)