



Rocks and Soil

Introduction

Children love to play with sand, rocks, and dirt. They construct castles, tunnels, moats, and mud pies at the shore or in the sandbox. They collect rocks of every shape, size, and description. They run barefoot in the park and yard and enjoy the earth between their toes. Use your students' budding interest in geology to help them learn more about this important part of our environment.

Concepts

Here are some concepts that young children can understand about this topic.

- Rocks are pieces of stone.
- Rocks differ in color, size, shape, texture, weight, hardness, and content.
- Rocks are everywhere: deserts, forests, mountains—even under the ocean.
- People use rocks in many different ways.
- A person who studies rocks is called a geologist. Geologists study rocks to find out what they're made of and to learn more about the earth.

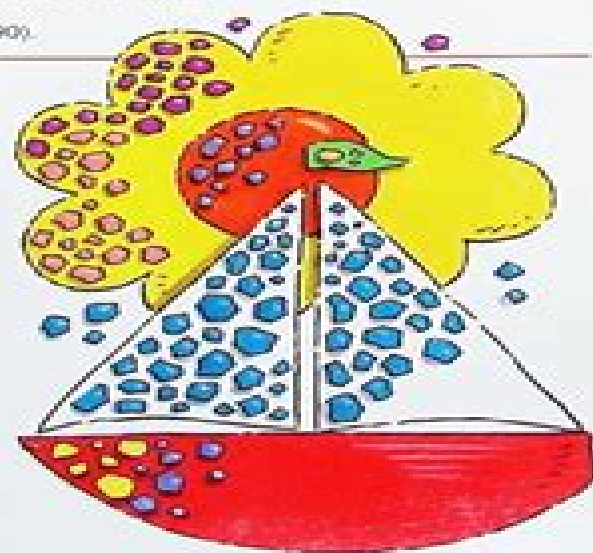
Read/tell *Rocks, Rocks Big & Small* by Joanne Barkan (Silver Press, 1990).

Art

Children can practice their fine motor skills and express their creativity in a variety of art activities using different forms of rocks.

Marvelous Mosaics

Thousands of years ago, small fragments of stone were often used to make detailed mosaic floors. The children will enjoy making their own mosaic creations. Obtain gravel from a building supply store, or use natural or colored aquarium gravel available inexpensively from a pet supply store. Give the children simple pre-made designs cut from posterboard, such as a flower, a fish, a house, or a boat. Coloring books are a good source for simple patterns. For older children, the patterns may be mounted directly on tagboard for the children to glue their gravel on. Provide glue in small squeeze-type bottles. The children choose their pattern and squeeze dots of glue on it. They arrange the gravel or pebbles on the glue. *Note:* Set out the gravel or pebbles sorted by color and size for younger children.



Rocks And Soil Early Years Thematic Notes

Joacim Rocklöv



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El-Hi Textbooks & Serials in Print, 2000 ,2000

Space Teacher's Guide Chandra Prough,2012-08-01

Literacy, Language, and Learning: Early Childhood Themes:

ESV Study Bible (Ebook) Crossway,2008-10-15 The ESV Study

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The Garden ,1899 **Living Memorials Project** ,2005

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