

## **Geologist**

- **1.** Describe a geologist and his/her work.
- **2.** Recite a text in the Bible telling about rocks or minerals. Tell a Bible story where rocks or stones were used.
- **3.** Experiment with soil, sand, gravel, rocks, and water.

OR

Make a crystal garden.

- **4.** Collect and display five different types of rocks. Identify and label them.
- **5.** Read together Revelation 21.
  - **a.** Look up the precious stones listed.
  - **b.** Draw a picture of the heavenly city and color it.
- **6.** Use stones or rocks to make a picture or paint a rock.



## Helps

- **1.** A person studying the formation and origin of the earth's layers.
- **2.** Help children to use a concordance and look up the words stones and rocks. Revelation 21 tells of the stones used in the New Jerusalem. Encourage the use of different Bible stories.
- **3.** Place sand, soil, gravel, rocks, and water in a quart jar and gently shake it. Let it stand for one hour and observe. Layers are called sedimentary rocks. OR grow a crystal garden. Wet several large chunks of rock thoroughly. Arrange rocks on the bottom of a large glass bowl. Pour over the rocks four tablespoons (1/4 cup) of water. Add four tablespoons (1/4 cup) liquid laundry bluing. Hold your nose and add four tablespoons ammonia. Sprinkle four tablespoons of salt evenly all over the rocks. Put a few drops of food coloring and a few drops of bluing on one or two rocks. In about three days add a mixture of two tablespoons water and two tablespoons ammonia and very carefully pour it into a puddle in the bowl. (If you pour it directly on the crystals you will melt them.) Keep adding this water and ammonia mixture every few days.
- **4.** Bring a collection of rocks and minerals to share with your group. Show the children how to neatly label and display the ones they find and ways to store them.
- **5.** Write the names on a blackboard so the children may copy them down and learn a bit about each precious stone. Show a real stone whenever possible or show pictures and use a rock and mineral book to help identify them.
- **6.** Paint a face or animal on a rock. Glue rocks on a simple picture to make a design. Glue rocks on a jar or can to make a vase or pencil holder, etc.