



# Geologist

**Originated in: GC**

## Requirements

1. Tell what a geologist does.
2. Recite a text in the Bible that tells about rocks or minerals. Tell a Bible story about a time when rocks or stones were used.
3. Experiment with soil, sand, gravel, rocks, and water, OR make a crystal garden.
4. With an adult, go on a field trip and collect different types of rocks or minerals. See how many different types, shapes, colors, and textures you can find. Make a collection of five different rocks and label them to tell where you found them.
5. With a group, read Revelation 21.
  - a. Use an encyclopedia or other reference book to find out about the precious stones listed in the text.
  - b. Make a colored drawing of the heavenly city.
6. Use stones or rocks to make an art object or painted rock.

## Supporting Answers

1. A geologist is a person who studies the formation and origin of the earth's layers.
2. Help the Adventurers use a concordance to look up the words stones and rocks. Encourage the use of different Bible texts.
3. Place sand, soil, gravel, rocks, and water in a quart jar and gently shake the jar. Let it stand for one hour, then observe it. The layers that develop are the beginning of what is called sedimentary rock.
4. OR
5. Grow a crystal garden: Wet several large chunks of rock thoroughly. 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.
6. Bring a collection of rocks and minerals to share with your group. Show children how to neatly label and display the ones they find and ways to store them. If you do not know the names of the rocks, use a reference book such as a field guide or encyclopedia as you try to label the rocks.
7. Write the names of the stones so the Adventurers may copy them. Learn a bit about each precious stone. Show a real stone whenever possible or show pictures and use a book about rocks and minerals to help identify them.
8. Paint a face or animal on a rock. Glue rocks on a piece of cardboard to make a simple picture or a design. Glue rocks on a jar or can to make a vase or pencil holder, etc.

Updated in: Unknown / Grade 4