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 an art picture or paint a rock.



Grade 4

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. Lavers 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 children how to neatly label and display the ones they find and ways to store them.
- 5. Write the names on a blackboard so 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 rocks 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.