



Cub Scout Academics



Geology

U.S. SCOUTING SERVICE PROJECT -- [HTTP://USSCOUTS.ORG](http://usscouts.org)

This subject was added in September, 2002.

[Print these Requirements](#)

Belt Loop

Complete these three requirements:

1. Define geology.
2. Collect a sample of igneous, sedimentary, and metamorphic rocks. Explain how each was formed.
3. Explain the difference between a rock and a mineral.

Academics Pin

Earn the Geology belt loop, and complete five of the following requirements:

1. Make a plaster cast of a fossil.
2. Make a special collection of rocks and minerals that illustrates the hardness scale.
3. Give examples of sedimentary, igneous, and metamorphic rocks.
4. Gather several different types of rocks. Compare them and put them in groups according to physical properties such as color, texture, luster, hardness, or crystals.
5. Describe the effects of wind, water, and ice on the landscape.
6. Make "pet rocks" using rocks, paint, and glue-on eyes. Tell a creative story about your pet rocks.
7. Draw a diagram showing different types of volcanoes or draw a diagram that labels the different parts of a volcano.
8. Make a crystal garden.

9. Make a collection of five different fossils and identify them to the best of your ability.
 10. Make a poster or display showing 10 everyday products that contain or use rocks or minerals.
 11. Visit a mine, oil or gas field, gravel pit, stone quarry, or similar area of special interest related to geology.
 12. Visit with a geologist. Find out how he or she prepared for the job. Discuss other careers related to geology.
 13. Draw the inside of a cave showing the difference between stalactites and stalagmites.
-

Page updated on: May 31, 2005

Materials found at the **U. S. Scouting Service Project, Inc. Website** ©1997-2005 may be reproduced and used locally by Scouting volunteers for training purposes consistent with the programs of the Boy Scouts of America (BSA) [\[Links to BSA Sites\]](#) or other Scouting and Guiding Organizations. No material found here may be used or reproduced for electronic redistribution or commercial or other non-Scouting purposes without the express permission of the U. S. Scouting Service Project, Inc. (USSSP) or other copyright holders. USSSP is not affiliated with BSA and does not speak on behalf of BSA. Opinions expressed on these web pages are those of the web authors.

The [U.S. Scouting Service Project](#) is maintained by the [Project Team](#). Look at our [Web Stats](#). Please use one of our [Contact Forms](#) to communicate with us. All holdings subject to this [Disclaimer](#). The USSSP is Proud to be hosted by [Data393.com](#).

**SUPPORT
THIS
WEBSITE**

Support the US Scouting Service Project Websites with your donation. With your help we can continue to serve the Scouting Community. The US Scouting Service Project, Inc. is a Not-for Profit Corporation chartered in the State of Missouri. The IRS has not recognized the USSSP as a 501(c)(3) organization, so donations may not be tax deductible.

To donate, click on the icon below.



[Visit Our Trading Post](#)