



## Girl Scouts of Middle Tennessee Rock On Badge

Girls learn the basic fundamentals of geology through these fun activities. Brownie Girl Scouts must complete any four of the requirements to earn this try-it.

1. Visit with a geologist or rock collector and have them tell about their job or hobby.
2. Start a rock collection of your own. Use books or the internet to help you get started.
3. Tennessee has many interesting rock outcrops – the part of a rock formation that appears above the Earth’s surface. Visit a rock outcrop in/near your community.
4. Learn the difference between rocks and minerals. Make a list of some rocks and minerals you might use every day.
5. Fossils are evidence of plants or animals preserved in rocks. Try to find a fossil in a rock.
6. Some rocks and minerals are very beautiful. How are rocks treated to use as jewelry and decoration? Learn about gemstones and your birthstone.
7. Make a craft item using rocks.

### References:

Helpful websites for geology with kids:

- <http://www.geocities.com/missneill/>
- <http://www.npac.syr.edu/textbook/kidsweb/geology.html>
- <http://library.thinkquest.org/J002289/index.html>
- <http://www.rockhoundingar.com/contents.html>
- <http://arthur.k12.il.us/arthurgs/rocklile.htm>

Cumberland Caverns: [www.cumberlandcaverns.com](http://www.cumberlandcaverns.com)

Middle Tennessee Rockhounds: <http://www.rockhound.org/>

Adventure Science Center: <http://www.adventuresci.com/>

Your local college or university geology department