

Earth Rocks! Adventure at the Rutgers University Geology Museum

Bring your scouts to the Geology Museum to help them earn the Earth Rocks! badge. Request a Rock and Mineral ID tour during our normal tour hours (weekdays and one Saturday a month) and a Rutgers University geologist will help guide your group through the major requirements for this badge.

- Cost- \$10 per scout and includes guided tour and a rock ID kit

ADVENTURE REQUIREMENTS (Webelos Handbook, page 338)

1. Do the following:
 - a. Explain the meaning of the word “geology.”
 - b. Explain why this kind of science is an important part of your world.
 - c. Share with your family or with your den what you learned about the meaning of geology (*scouts will be able to do this with the den after this tour*).
2. Look for different kinds of rocks or minerals while on a rock hunt with your family or your den and do the following.
(Scouts will receive a rock ID kit and learn the basics about mineral identification during the tour. We also have buckets of rocks that scouts can select some additional rocks to take home.)
3. Do the following: *(Scouts will be able to complete these after learning the basics on the tour and receiving their rock and mineral ID kit.)*
 - a. Identify the rocks you see on your rock hunt. Use the information in your handbook to determine which types of rocks you have collected.
 - b. With a magnifying glass, take a closer look at your collection. Determine any differences between your specimens.
 - c. Share what you see with your family or den (*scouts will be able to do this with the den after this tour*).
4. Do the following: *(Scouts will be able to complete these after learning the basics on the tour and receiving their rock and mineral ID kit.)*
 - a. With your family or den, make a mineral test kit, and test rocks according to the Mohs scale of mineral hardness.
 - b. Record the results in your handbook.
5. Must complete on own.

6. Do the following: *(Can look at the Uses of Mineral Exhibit to get started on this step.)*

- a. Identify some of the geological building materials used in building your home.
- b. Identify some of the geological materials used around your community.
- c. Record the items you find.

7. *Can complete 7b at the Geology Museum. 7a cannot be completed here.*

7b. Do the following:

- i. With your family or your den, visit with a geologist or earth scientist and discover the many career fields that are included in the science of geology.
- ii. Ask the geologist or earth scientist about the importance of fossils that are found.
- iii. Ask the geologist or earth scientist what you can do to help preserve our natural resources.