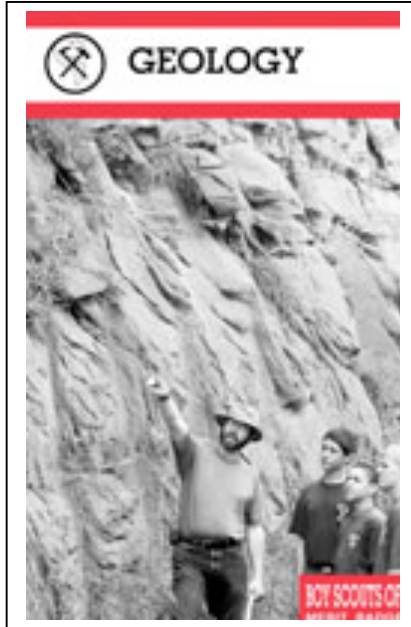


Boy Scouts of America
Greater Niagara Frontier Council

Geology Merit Badge Day



Date: May 12, 2012

Time: 10:00 AM – 3:00 PM

Place: Penn Dixie Site

4050 North Street, Blasdell, NY 14219

www.pendixie.org

(visit our website for map & directions)

Cost: \$12.50 per scout

Essentials: Registration accepted until a week before the event or until the participant number limit of 50 scouts has been reached. Pay on line at www.wnyscouting.org or at the Scout Service Center or by mail and please register once for all members of each Troop and list all scouts on reverse side. (Family members are welcome to participate; charge \$7.00 at the site).

This is a full uniform event. **Dress for the weather!**

Bring a bag lunch and a notebook and pen

The Scout must bring a filled out blue merit badge card signed by his Unit Leader.

Leader supervision is necessary for each Merit Badge Day event.

ABSOLUTELY NO WALK-INS

Prerequisites are on the back

Geology Merit Badge Registration Form

Scoutmasters Name

Unit Leaders E-Mail Address

Address

City, State, Zip

Troop Number / Number of Scout Attending

Phone Number

of scouts x \$12.50 = Total Due _____

How to register:

Register on-line at www.wnyscouting.org/

Acc't. # 6503

Or: Mail or submit this completed form with payment in person at our Council Service Center

Please write checks to: GNFC/ Account #6503 Check #: _____

mail to:

Greater Niagara Frontier Council
2860 Genesee St.
Buffalo, NY 14225

For further safety and privacy:

Visit or call our Council Service Center at 716-891-4073 with cash or credit card payments

Refunds will not be issued unless authorized by the Greater Niagara Frontier Council. Refund forms can be found on our website under "forms". Please direct requests to Paulette Voit.

Prerequisites:

Read the Geology merit badge pamphlet prior to event and be prepared to answer questions.

Req #5 Complete ONE of the option A, B, C, or D.

If scout picks option A the prerequisites are:

A. Surface and Sedimentary Processes Option

1. Conduct an experiment approved by your counselor that demonstrates how sediments settle from suspension in water. Explain to your counselor what the exercise shows and why it is important.

4. Conduct an experiment approved by your counselor that shows how some sedimentary material carried by water may be too small for you to see without a magnifier.

5. Visit a nearby stream. Find clues that show the direction of water flow, even if the water is missing. Record your observations in a notebook, and sketch those clues you observe. Discuss your observations with your counselor.

If scout picks option B the prerequisites are:

B. Energy Resources Option

5. Do ONE of the following activities:
 - a) Make a tabletop display showing how oil and gas or coal is found, extracted, and processed. You may use maps, books, articles from periodicals, and research found on the Internet (with your parent's permission). Share the display with your counselor or a small group (such as your class at school) in a five minute presentation.
 - b) With your parent's and counselor's permission and assistance, arrange for a visit to an operating drilling rig. While there, talk with a geologist and ask to see what the geologist does onsite. Ask to see cutting samples taken at the site.

If Scout picks option D the prerequisites are:

D. Earth History Option

1. Create a chart showing suggested geological eras and periods. Determine which period the rocks in your region might have been formed.

List scouts attending

- | | |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ | 6. _____ |