



Exploration Merit Badge at Riverbend Park

Welcome to the **Exploration** Merit Badge program at Riverbend Park. The program may be held at either the Riverbend Visitor Center located at 8700 Potomac Hills Street in Great Falls, or the Riverbend Nature Center located at 8814 Jeffery Road. Please review your confirmation email or call the park at 703-759-9018 for location.

Important general Merit Badge information for parents:

Be sure that you are familiar with the requirements for the merit badge your scout has selected. Some badges may take considerable time and planning to complete and may not be appropriate for younger scouts. Blue cards must be signed by your Troop Leader prior to attending the merit badge class. Park staff will not sign off on any blue cards missing this signature.

Most merit badges are not designed to be completed in a single session with an instructor, so it is not always possible to walk away with a completed and signed blue card at the end of a program. Every badge requires some independent work by your scout.

FPCA-Riverbend Park will provide staff, meeting BSA Youth Protection guidelines for male and female scouts, and supervision ratios. Parent/guardian **MUST** sign-in, and sign-out each participant(s) from the class. If you provided your own transportation, you may sign-in and sign-out yourself from the class. There is no fee if adults wish to stay during the class.

Below is the recommended homework to be completed before the program:

There are some useful links at the end of some questions; however, scouts are encouraged to find their own sources (library, internet etc.).

Merit badge worksheets may be downloaded from meritbadge.org and brought to class. These worksheets help scouts organize their homework and classwork.

4. Do ONE of the following:

- a.** Learn about a living explorer. Create a short report or presentation (verbal, written, or multimedia slide presentation) on this individual's objectives and the achievements of one of the explorer's expeditions. Share what you have learned with your counselor and unit.
- b.** Learn about an actual scientific exploration expedition. Gather information about the mission objectives and the expedition's most interesting or important discoveries. Share what you have learned with your counselor and unit. Tell how the information gained from this expedition helped scientists answer important questions.
- c.** Learn about types of exploration that may take place in a laboratory or scientific research facility (medicine, biology, chemistry, physics, astronomy, etc.). Explain to your counselor how laboratory research

and exploration are similar to field research and exploration.

5. Do ONE of the following, and share what you learn with your counselor:
 - a. With your parent's permission and counselor's approval, visit either in person or via the internet an exploration sponsoring organization (such as The Explorers Club, National Geographic Society, Smithsonian Institution, Alpine Club, World Wildlife Fund, or similar organization). Find out what type(s) of exploration the organization supports.
 - b. With permission and approval, visit either in person or via the internet a science lab, astronomical observatory, medical research facility, or similar site. Learn what exploration is done in this facility.

9. Identify three career opportunities in exploration. Pick one and explain to your counselor how to prepare for such a career. Discuss what education and training are required, and why this profession might interest you.

After the Badge*

8c. After you return, compile a report on the results of your expedition and how you accomplished your objective(s). Include a statement of the objectives, note your findings and observations, include photos, note any discoveries, report any problems or adverse events, and have a conclusion (whether you reached your objective or not). The post-expedition report must be at least one page and no more.

What to bring to the program:

- Bring your completed homework. It is OK if you cannot complete the homework before class. You can bring completed pre-work in at a later date for sign-off.
- Come prepared to discuss and present your homework. As we move from one topic to the next during class, scouts will be asked to present homework elements completed. It will be more important to prove that you have understood a requirement orally rather than just presenting written information.
- Bring your blue card signed off by your Troop Leader. (Riverbend does not have blue cards.)
- Bring/wear weather appropriate clothing/outerwear. We will not go outdoors in heavy rain or thunderstorms. Boy Scout uniform not required.
- Bring a pencil and pen.
- Bring a flashlight if the program is held after dusk.
- Download the merit badge worksheets from meritbadge.com and bring these worksheets to class.
- Bring a snack and drink. Bring more substantial food if your program is longer than four hours.

Work completed after the program:

During the program, the merit badge counselor will do a demonstration or explain the process for completing the final merit badge requirements. Your scout must provide evidence of completion in order to obtain blue card sign-off. Digital photographs of your

scout doing the element and a picture of the completed requirement will be sufficient evidence, unless otherwise stated.

If your scout needs blue card sign-off after the class date, please call 703-759-9018 to arrange a time to meet with a merit badge counselor.

We're looking forward to working with your scout.

Briget McArdle
Riverbend Park
703-759-9018
8700 Potomac Hills Street
Great Falls, VA 22066

<http://www.fairfaxcounty.gov/parks/riverbend-park/>