

Five Creeks District Spring Merit Badge Midway

Saturday, November 16, 2024

Location: Brownsburg's Messiah Lutheran Church

Check-in: 8:00am - 8:30am

AM Session: 8:30am - 11:30am

Lunch: 11:30am - 12:15pm

PM Session: 12:15pm - 3:15pm

REGISTRATION

Each course is \$5.00. Blue cards will be provided by counselors.

Event sign-up will close Wednesday, November 10th at 11:59pm EST.

Each course allows up to 10 scouts.

When registration, please choose an AM and/or PM session. (Moviemaking is only all day course)

LUNCH

Includes 2 slices of pizza, chips, cookies, and bottled water.

Please **DO NOT** sign-up for lunch separately for the Scouts. Their lunch fee is incorporated with the course fees.

Chaperones may sign-up for lunch for \$5.00. You will receive a wristband at check-in. Must show the wristband to receive lunch. Food not guaranteed if not registered for lunch.

Course	Counselor	Pre-Req's**	AM Session	PM Session
Citizenship in Community*	Pat Garrison	Yes		
Citizenship in Nation*	Pat Garrison	Yes		
Citizenship in Nation*	Katrina Glass	Yes		
Citizenship in World*	Miranda Adams	Yes		
Family Life*	Pam Pontones	Yes		
Sustainability*	Katrina Glass	Yes		
American Heritage	Jonathan Hause	No		
Chess	Roman Kmicikewycz	No		
Collections	Brian Forster	Yes		
Electricity	George Pontones	Yes		
Engineering	Roman Kmicikewycz	Yes		
Geology	Jonathan Hause	No		
Insect Study	Brian Forster	Yes		
Moviemaking	Ben Beight	Yes	All Day	
Public Speaking	Pam Pontones	Yes		

*Eagle Required

Course: Citizenship in the Community*

Counselor: Pat Garrison

Available Sessions: PM Only

Optional Workbook: <http://www.usscouts.org/mb/worksheets/Citizenship-in-the-Community.pdf>

Prerequisites:

4. Choose an issue that is important to the citizens of your community; then do the following:
 - (a) Find out which branch of local government is responsible for this issue.
 - (b) With your counselor's and a parent's approval, interview one person from the branch of government you identified in requirement 4a. Ask what is being done about this issue and how young people can help.
 - (c) Share what you have learned with your counselor.

 7. Do the following:
 - (b) Pick ONE of the organizations you chose for requirement 7a. Using a variety of resources (including newspapers, fliers and other literature, the Internet, volunteers, and employees of the organization), find out more about this organization.
 - (c) With your counselor's and your parent's approval, contact the organization you chose for requirement 7b, and find out what young people can do to help. While working on this merit badge, volunteer at least eight hours of your time for the organization. After your volunteer experience is over, discuss what you have learned with your counselor.

 8. Develop a public presentation (such as a video, slide show, speech, digital presentation, or photo exhibit) about important and unique aspects of your community. Include information about the history, cultures, and ethnic groups of your community; its best features and popular places where people gather; and the challenges it faces. Stage your presentation in front of your merit badge counselor or a group, such as your patrol or a class at school.
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Course: Citizenship in the Nation*

Counselors: Pat Garrison Katrina Glass

Available Sessions: AM Only PM Only

Optional Workbook: <http://usscouts.org/mb/worksheets/Citizenship-in-the-Nation.pdf>

Prerequisites:

7. - Do **TWO** of the following:
 - a. Visit a place that is listed as a National Historic Landmark or that is on the National Register of Historic Places. Tell your counselor what you learned about the landmark or site and what you found interesting about it.
 - b. Tour your state capitol building or the U.S. Capitol. Tell your counselor what you learned about the capitol, its function, and the history.
 - c. Tour a federal facility. Explain to your counselor what you saw there and what you learned about its function in the local community and how it serves this nation.
 - d. Choose a national monument that interests you. Using books, brochures, the internet (with your parent's permission), and other resources, find out more about the monument. Tell your counselor what you learned, and explain why the monument is important to this country's citizens.

8. Name your representatives in the United States Congress. Write a letter to your representative in Congress explaining your views on a national issue. Show your letter, along with any response you might receive, to your counselor.

Course: Citizenship in the World*

Counselor: Miranda Adams

Available Sessions: AM & PM

Optional Workbook: <http://www.usscouts.org/mb/worksheets/Citizenship-in-the-World.pdf>

Prerequisites:

1. Explain what citizenship in the world means to you and what you think it takes to be a good world citizen.
 3. Do the following:
 - (a) Pick a current world event. In relation to this current event, discuss with your counselor how a country's national interest and its relationship with other countries might affect areas such as its security, its economy, its values, and the health of its citizens.
 - (b) Select a foreign country and discuss with your counselor how its geography, natural resources, and climate influence its economy and its global partnerships with other countries.
 7. Do **TWO** of the following (with your parent or guardian's permission) and share with your counselor what you have learned:
 - (a) Visit the web site of the U.S. State Department. Learn more about an issue you find interesting that is discussed on this web site.
 - (b) Visit the web site of an international news organization or foreign government, OR examine a foreign newspaper available at your local library, bookstore, or newsstand. Find a news story about a human right realized in the United States that is not recognized in another country.
 - (c) Visit with a student or Scout from another country and discuss the typical values, holidays, ethnic foods, and traditions practiced or enjoyed there.
 - (d) Attend a world Scout jamboree.
 - (e) Participate in or attend an international event in your area, such as an ethnic festival, concert, or play.
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Course: Family Life*

Counselor: Pam Pontones

Available Sessions: AM Only

Optional Workbook: <http://usscouts.org/mb/worksheets/Family-Life.pdf>

Prerequisites:

3. Prepare a list of your regular home duties or chores (at least five) and do them for 90 days. Keep a record of how often you do each of them. Discuss with your counselor the effect your chores had on your family.
4. With the approval of your parents or guardians and your merit badge counselor, decide on and carry out a project that you would do around the home that would benefit your family. Submit a report to your merit badge counselor outlining how the project benefited your family.
5. Plan and carry out a project that involves the participation of your family. After completing the project, discuss the following with your merit badge counselor:
 - (a) The objective or goal of the project
 - (b) How individual members of your family participated
 - (c) The results of the project
6. (b) Prepare a meeting agenda that includes the following topics, review it with your parents or guardians, and

then carry out one or more family meetings:

- (1) How living the principles of the Scout Oath and Scout Law contributes to your family life
- (2) The greatest dangers and addictions facing youth in today's society (examples include use of tobacco products, alcohol, or drugs and other items such as debts, social media, etc.)
- (3) Understanding the growing-up process and how the body changes, and making responsible decisions dealing with sex *

* This conversation may take place with only one or both of your parents or guardians.

- (4) Personal and family finances
 - (5) A crisis situation within your family
 - (6) The effect of technology on your family
 - (7) Good etiquette and manners
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Course: Sustainability*

Counselor: Katrina Glass

Available Sessions: AM Only

Optional Workbook: <http://usscouts.org/mb/worksheets/Sustainability.pdf>

Prerequisites:

1. **Describe** the meaning of sustainability in your own words. **Explain** the importance of sustainability to society and how you can contribute to fulfilling the needs of current generations without compromising the needs of future generations.
2. **Water.** Do **ONE** of the following and discuss with your counselor:
 - (a) Evaluate your household water usage. If available, review water bills from the past year and evaluate the seasonal changes in water use. Identify three ways to help reduce water consumption.
3. **Food.** Do **ONE** of the following and discuss with your counselor:
 - (a) Explore the sustainability of different types of plant-based, animal-based and aquaculture food. Identify where four different foods (such as milk, eggs, tuna fish, avocados, or ketchup) come from and how they are processed and transported from the source to you.
4. **Community.** Do **ONE** of the following and discuss with your counselor:
 - (a) Create a sketch depicting how you would design a sustainable community and be prepared to explain how the housing, work locations, shops, schools, and transportation systems affect energy, pollution, natural resources, and the economy of the community.
5. **Energy.** Do **ONE** of the following and discuss with your counselor:
 - (a) Learn about the sustainability of different energy sources, including coal, gas, geothermal, hydro power, nuclear, petroleum, solar, and wind. Identify three common energy sources in the United States and describe how the production and consumption of each of these energy sources affects sustainability.
6. **Stuff.** Do **ONE** of the following and discuss with your counselor:
 - (a) Create a list of 15 items of your personal "stuff." Classify each item as an essential need (such as soap) or a desirable want (such as a video game). Identify any excess "stuff" you no longer need, working with your family, if possible. Donate, re-purpose, or recycle those items you can.
7. Do **TWO** of the following and discuss with your counselor:
 - (a) The United Nations lists 17 Sustainable Development Goals. These include Zero Hunger, Clean Water and Sanitation, Affordable and Clean Energy, Sustainable Cities and Community, Responsible Consumption and Production, Climate Action, Life Below Water, and Life on Land. Pick one of these eight and summarize the goal and its current and future impact on you, your family, community, and the world.

(b) Identify how the planetary life-support systems (soil, climate, freshwater, atmospheric, nutrient, oceanic, ecosystems, and species) support life on Earth and interact with one another. Share what happens to the planet's sustainability when these systems are disrupted by natural events or human activity.

(c) Identify how product life cycles (the cycle of design, sourcing, production, use, and disposal or reuse) influence current and future sustainability. Choose one common product to demonstrate how the full product life cycle would apply.

(d) Learn how the world's population affects the sustainability of Earth. Discuss three human activities that may contribute to putting Earth at risk, now and in the future.

(e) Explain the term species (plant or animal) decline. Share the human activities that contribute to species decline, what can be done to help reverse the decline, and its impact on a sustainable environment.

(f) Find a world map that shows the pattern of temperature change for a period of at least 100 years. Identify three factors that scientists believe affect the global weather and temperature. Discuss how climate change impacts sustainability of food, water, or other resources.

Course: American Heritage

Counselor: Jonathan Hause

Available Sessions: AM Only

Optional Workbook: <http://usscouts.org/mb/worksheets/American-Heritage.pdf>

Prerequisites:

None

Course: Chess

Counselor: Roman Kmicikewycz

Available Sessions: AM Only

Optional Workbook: <http://www.usscouts.org/mb/worksheets/Chess.pdf>

Prerequisites:

None

Course: Collections

Counselor: Brian Forster

Available Sessions: PM Only

Optional Workbook: <http://www.usscouts.org/mb/worksheets/Collections.pdf>

Prerequisites:

***Do not bring your entire collection, but 1 item could be fun**

1. Prepare a short written report or outline for your counselor, giving a detailed description of your collection,* including a short history, why you enjoy your collection, and what you have learned from collecting. Be sure to include why you chose that particular type of collection/collecting method. **Stamp and coin collecting are excluded from eligibility for this merit badge. Bring photos and I will go over collections as a group.*

Course: Electricity

Counselor: George Pontones

Available Sessions: AM & PM

Optional Workbook: <http://www.usscouts.org/usscouts/mb/worksheets/Electricity.pdf>

Prerequisites:

2. Complete an electrical home safety inspection of your home, using the checklist found in the *Electricity* merit badge pamphlet or one approved by your counselor. Discuss what you find with your counselor.

- Suggested pages 7 & 8 from <http://www.usscouts.org/mb/worksheets/electricity.pdf>

9. Do the following:

- (a) Read an electric meter and, using your family's electric bill, determine the energy cost from the meter readings.
- (b) Discuss with your counselor five ways in which your family can conserve energy.

Course: Engineering

Counselor: Roman Kmicikewycz

Available Sessions: PM Only

Optional Workbook: <http://usscouts.org/usscouts/mb/worksheets/Engineering.pdf>

Prerequisites:

1. Select a manufactured item in your home (such as a toy or an appliance) and, under adult supervision and with the approval of your counselor, investigate how and why it works as it does. Find out what sort of engineering activities were needed to create it. Discuss with your counselor what you learned and how you got the information.

2. Select an engineering achievement that has had a major impact on society. Using resources such as the internet (with your parent or guardian's permission), books, and magazines, find out about the engineers who made this engineering feat possible, the special obstacles they had to overcome, and how this achievement has influenced the world today. Tell your counselor what you learned.

Course: Geology

Counselor: Jonathan Hause

Available Sessions: PM Only

Optional Workbook: <http://usscouts.org/mb/worksheets/Geology.pdf>

Prerequisites:

None

Course: Insect Study

Counselor: Brian Forster

Available Sessions: AM Only

Optional Workbook: <http://usscouts.org/mb/worksheets/Insect-Study.pdf>

Prerequisites:

5. Do the following:

- A - Observe 20 different live species of insects in their habitat. In your observations, include at least four orders of insects.
- B - Make a scrapbook of the 20 insects you observe in 5a. Include photographs, sketches, illustrations,

and articles. Label each insect with its common and scientific names, where possible. Share your scrapbook with your merit badge counselor.

6. Do the following:

A - From your scrapbook collection, select eight species of insects and identify what role they play in the ecosystem.

B - Describe three alternatives to insecticides as a way of preventing crop injury and subsequent yield loss. Explain the advantages and disadvantages of these alternatives. – **We will cover this in class**

9. Raise an insect through the complete metamorphosis from its larval stage to its adult stage (e.g. raise a butterfly or moth from a caterpillar. – **Meal worms are an easy insect to raise for this requirement.**

10. Do ONE of the following:

A - Observe an ant colony in a formicarium (ant farm). Find the queen and worker ants. Explain to your counselor the different chambers found within an ant colony.

B - Study a hive of bees. Remove the combs and find the queen. Estimate the amount of brood and count the number of queen cells. Explain how to determine the amount of honey in the hive.

Course: **Moviemaking**

Counselor: Ben Beight

Available Sessions: All Day

Optional Workbook: <http://www.usscouts.org/mb/worksheets/Moviemaking.pdf>

Prerequisites:

4. Find out about three career opportunities in moviemaking. Pick one and find out about the education, training, and experience required for this profession. Discuss this career with your counselor. Explain why this profession might interest you.

Course: **Public Speaking**

Counselor: Pam Pontones

Available Sessions: PM Only

Optional Workbook: <http://usscouts.org/mb/worksheets/Public-Speaking.pdf>

Prerequisites:

4. Select a topic of interest to your audience. Collect and organize information about the topic and prepare an outline. Write an eight- to 10-minute speech, practice it, then deliver it in a conversational way. **Please begin preparing your speech beforehand. There will be a little time in class to finish.**

*Bring tablet, laptop, phone with internet connection

*Bring notebook with pen/pencil
