

DATE	BADGE	Pre Requisites 2019 Fall MB Workshops
5-Oct	Emergency Preparedness	Earn the First Aid merit badge. 2c. Meet with and teach your family how to get or build a kit, make a plan, and be informed for the situations on the chart you created for requirement 2b. Complete a family plan. Then meet with your counselor and report on your family meeting, discuss their responses, and share your family plan. 8b. Prepare a personal emergency service pack for a mobilization call. Prepare a family kit (suitcase or waterproof box) for use by your family in case an emergency evacuation is needed. Explain the needs and uses of the contents. <b>STRONGLY RECOMMENDED FOR OLDER SCOUTS (14+)</b>
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5-Oct	Law	Ask five people (not more than one from your immediate family) about the role of law enforcement officers in our society. Discuss their answers with them. Go to a law enforcement officer in your neighborhood and ask about his or her responsibilities and duties. Report your findings. Do ONE of the following: a. Attend a session of a civil or criminal court. Write 250 words or more on what you saw. b. Plan and conduct a mock trial with your troop or school class. After the trial is over, discuss it with the group.
5-Oct	Photography	Using images other than those created for requirements 4, 5 or 6, produce a visual story to document an event to photograph OR choose a topic that interests you to photograph. Do the following: a. Plan the images you need to photograph for your photo story. b. Share your plan with your counselor, and get your counselor's input and approval before you proceed. c. Select eight to 12 images that best tell your story. Arrange your images in order and mount the prints on a poster board, OR create an electronic presentation. Share your visual story with your counselor.
5-Oct	Inventing	Do ONE of the following: Participate with a club or team (robotics team, science club, or engineering club) that builds a useful item. Share your experience with your counselor. Visit a museum or exhibit dedicated to an inventor or invention, and create a presentation of your visit to share with a group such as your troop or patrol. Do ONE of the following: Identify and interview with a buddy (and with your parent's permission and merit badge counselor's approval) an individual in your community who has invented a useful item. Report what you learned to your counselor. Read about three inventors. Select the one you find most interesting and tell your counselor what you learned.
19-Oct	Engineering	None
19-Oct	Medicine	None
19-Oct	Traffic Safety	None
19-Oct	Moviemaking	None

19-Oct	Fish and Wildlife Management	<p>Do ONE of the following:</p> <p>a. Construct, erect, and check regularly at least two artificial nest boxes (wood duck, bluebird, squirrel, etc.) and keep written records for one nesting season.</p> <p>b. Construct, erect, and check regularly bird feeders and keep written records of the kinds of birds visiting the feeders.</p> <p>c. Develop and implement a fishery improvement project or a backyard wildlife habitat improvement project. Share the results with your counselor.</p> <p>d. Design and construct a wildlife blind near a game trail, water hole, salt lick, bird feeder, or birdbath and take good photographs or make sketches from the blind of any combination of 10 wild birds, mammals, reptiles, or amphibians.</p>
9-Nov	Citizenship in the Nation	<p>Do TWO of the following:</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Do the Following: Watch the national evening news five days in a row OR read the front page of a major daily newspaper five days in a row. Discuss the national issues you learned about with your counselor. Choose one of the issues and explain how it affects you and your family.</p>
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9-Nov	Chemistry	None
9-Nov	Disabilities Awareness	<p>Visit an agency that works with people with physical, mental, emotional, or educational disabilities. Collect and read information about the agency's activities. Learn about opportunities its members have for training, employment, and education. Discuss what you have learned with your counselor</p>
9-Nov	Geology	None
23-Nov	Composite Materials	None
23-Nov	Robotics	None
23-Nov	Chess	None
23-Nov	Art	None
23-Nov	Indian Lore	None

7-Dec	Personal Managements	<p>(a) Prepare a budget reflecting your expected income (allowance, gifts, wages), expenses, and savings for a period of 13 consecutive weeks.</p> <p>(b) Compare expected income with expected expenses.</p> <p>(1) If expenses exceed budget income, determine steps to balance your budget.</p> <p>(2) If income exceeds budget expenses, state how you would use the excess money (new goal, savings).</p> <p>(c) Track and record your actual income, expenses, and savings for 13 consecutive weeks (the same 13-week period for which you budgeted). (You may use the forms provided in this pamphlet, devise your own, or use a computer-generated version.) When complete, present the records showing the results to your merit badge counselor.</p> <p>(d) Compare your budget with your actual income and expenses to understand when your budget worked and when it did not work. With your merit badge counselor, discuss what you might do differently the next time.</p>
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7-Dec	Public Health	<p>Visit a food service facility, such as a restaurant or school cafeteria.</p> <p>i. Observe food preparation, handling, and storage. Learn how the facility keeps food from becoming contaminated.</p> <p>ii. Find out what conditions allow micro-organisms to multiply in food, what can be done to help prevent them from growing and spreading, and how to kill them.</p> <p>iii. Discuss the importance of using a thermometer to check food temperatures.</p> <p>iv. Discuss your visit and what you learned with your counselor.</p>
7-Dec	Entrepreneurship	None

7-Dec	Digital Technology	<p>Do THREE of the following. For each project you complete, copy the files to a backup device and share the finished projects with your counselor. a. Using a spreadsheet or database program, develop a food budget for a patrol weekend campout OR create a troop roster that includes the name, rank, patrol, and telephone number of each Scout. Show your counselor that you can sort the roster by each of the following categories: rank, patrol, and alphabetically by name. b. Using a word processor, write a draft letter to the parents of your troop's Scouts, inviting them to a troop event. c. Using a graphics program, design and draw a campsite plan for your troop OR create a flier for an upcoming troop event, incorporating text and some type of visual such as a photograph or an illustration. d. Using a presentation software program, develop a report about a topic approved by your counselor. For your presentation, create at least five slides, with each one incorporating text and some type of visual such as a photograph or an illustration. e. Using a digital device, take a picture of a troop activity. Send or transfer this image to a device where it can be shared with your counselor. f. Make a digital recording of your voice, transfer the file to a different device, and have your counselor play back the recording.</p>
21-Dec	Energy	<p>Conduct an energy audit of your home. Keep a 14 day log that records what you and your family did to reduce energy use. Include the following in your report and, after the 14 day period, discuss what you have learned with your counselor.</p> <p>a. List the types of energy used in your home such as electricity, wood, oil, liquid petroleum, and natural gas, and tell how each is delivered and measured, and the current cost; OR record the transportation fuel used, miles driven, miles per gallon, and trips using your family car or another vehicle.</p> <p>b. Describe ways you and your family can use energy resources more wisely. In preparing your discussion, consider the energy required for the things you do and use on a daily basis (cooking, showering, using lights, driving, watching TV, using the computer). Explain what is meant by sustainable energy sources. Explain how you can change your energy use through reuse and recycling.</p>
21-Dec	Weather	None
21-Dec	Graphic Arts	None
21-Dec	Architecture	None
21-Dec	Fire Safety	<p>Do the following: a. Explain the cost of outdoor and wildland fires and how to prevent them. b. Demonstrate setting up and putting out a cooking fire. c. Demonstrate using a camp stove and lantern. d. Explain how to set up a campsite safe from fire</p>