

DATE	BADGE	PREREQUISITES & SPECIAL NOTES
8-Sep	Cit in the World	None
	Music	<p>Do ONE of the following:</p> <p>a. Attend a live performance, or listen to three hours of recordings from any two of the following musical styles: blues, jazz, classical, country, bluegrass, ethnic, gospel, musical theater, opera. Describe the sound of the music and the instruments used. Identify the composers or songwriters, the performers, and the titles of the pieces you heard. If it was a live performance, describe the setting and the reaction of the audience. Discuss your thoughts about the music.</p> <p>b. Interview an adult member of your family about music. Find out what the most popular music was when he or she was your age. Find out what his or her favorite music is now, and listen to three of your relative's favorite tunes with him or her. How do those favorites sound to you? Had you ever heard any of them? Play three of your favorite songs for your relative, and explain why you like these songs. Ask what he or she thinks of your favorite music.</p> <p>c. Serve for six months as a member of a school band, choir, or other organized musical group, or perform as a soloist in public six times.</p>
	Geology	None
	Architecture	None

22-Sep	Geocaching	3. Review Requirement 3 Terminology. 7. With your parent's permission*, go to www.Geocaching.com . Type in your zip code to locate public geocaches in your area. Share the posted information about three of those geocaches with your counselor. Then, pick one of the three and find the cache. To fulfill this requirement, you will need to set up a free user account with www.Geocaching.com . Ask your parent for permission and help before you do so.
	Sculpture	None
	Signs, Signals, & Codes	On a Scout outing, lay out a trail for your patrol or troop to follow. Cover at least one mile in distance and use at least six different trail signs and markers. After the Scouts have completed the trail, follow no-trace principles by replacing or returning trail markers to their original locations.
	Entrepreneurship	None
	Nuclear Science	STRONGLY RECOMMENDED FOR OLDER SCOUTS (14+)
6-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. STRONGLY RECOMMENDED FOR OLDER SCOUTS (14+)
	Space Exploration	None
	Pulp & Paper	None
	Composite Materials	None
13-Oct	Animation	STRONGLY RECOMMENDED FOR OLDER SCOUTS (14+)
	Salesmanship	None
	Fishing	You are more than welcome to bring your own fishing pole and equipment. Additional supplies will be provided. BELOW ARE DIFFICULT TO COMPLETE IN PERSON & WHILE IT WILL BE ATTEMPTED IS RECOMMENDED THAT YOU COMPLETE AS A PREREQUISITE. 9. Catch at least one fish and identify it. 10. If regulations and health concerns permit, clean and cook a fish you have caught. Otherwise, acquire a fish and cook it. (You do not need to eat your fish.)
	Electronics	None
	Search & Rescue	None

10-Nov	Environmental Science	<p>4. Choose two outdoor study areas that are very different from one another (e.g., hilltop vs. bottom of a hill; field vs. forest; swamp vs. dry land). For BOTH study areas, do ONE of the following: a. Mark off a plot of 4 square yards in each study area, and count the number of species found there. Estimate how much space is occupied by each plant species and the type and number of nonplant species you find. Write a report that adequately discusses the biodiversity and population density of these study areas. Discuss your report with your counselor. b. Make at least three visits to each of the two study areas (for a total of six visits), staying for at least 20 minutes each time, to observe the living and nonliving parts of the ecosystem. Space each visit far enough apart that there are readily apparent differences in the observations. Keep a journal that includes the differences you observe. Then, write a short report that adequately addresses your observations, including how the differences of the study areas might relate to the differences noted, and discuss this with your counselor.</p>
	Scouting Heritage	<p>5. Learn about the history of your unit or Scouting in your area. Interview at least two people (one from the past and one from the present) associated with your troop. These individuals could be adult unit leaders, Scouts, troop committee members, or representatives of your troop's chartered organization. Find out when your unit was originally chartered. Create a report of your findings on the history of your troop, and present it to your patrol or troop or at a court of honor, and then add it to the troop's library. This presentation could be in the form of an oral/written report, an exhibit, a scrapbook, or a computer presentation such as a slide show. Prepare the below collection, and bring it with you:</p> <p>6. Make a collection of some of your personal patches and other Scouting memorabilia. With their permission, you may include items borrowed from family members or friends who have been in Scouting in the past, or you may include photographs of these items. Show this collection to your counselor, and share what you have learned about items in the collection. (There is no requirement regarding how large or small this collection must be.)</p>
	Engineering	None
	Art	None

17-Nov	Chess	None
	Inventing	8. Do ONE of the following: a. Participate with a club or team (robotics team, science club, or engineering club) that builds a useful item. Share your experience with your counselor. b. 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.
	Law	None
	Traffic Safety	None
	Chemistry	Recommended for scouts 14+

		<p>1b. Write a plan that tells how your family would save money for the purchase identified in requirement 1a.</p> <ol style="list-style-type: none"> 1. Discuss the plan with your merit badge counselor 2. Discuss the plan with your family 3. Discuss how other family needs must be considered in this plan. <p>2. Do the following:</p> <ol style="list-style-type: none"> a. Prepare a budget reflecting your expected income (allowance, gifts, wages), expenses, and savings. Track and record your actual income, expenses, and savings for 13 consecutive weeks. (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. b. Compare expected income with expected expenses. <ol style="list-style-type: none"> 1. If expenses exceed income, determine steps to balance your budget. 2. If income exceeds expenses, state how you would use the excess money (new goal, savings). 8c. Follow the one-week schedule you planned. Keep a daily diary or journal during each of the seven days of this week's activities, writing down when you completed each of the tasks on your "to do" list compared to when you scheduled them. 8d. Review your "to do" list, one-week schedule, and diary/journal to understand when your schedule worked and when it did not work. With your merit badge counselor, discuss and understand what you learned from this requirement and what you might do differently the next time.
1-Dec	Personal Management	
	Medicine	7a. Visit a physician's office,** preferably one who delivers "primary care." (This may be that of your counselor.) Discuss the components of a medical history and physical examination (an official BSA health form may be used to guide this discussion), and become familiar with the instruments used.
	Fingerprinting	None
	Photography	1. Safety. Do the following: b. Show your counselor your current, up-to-date Cyber Chip.
15-Dec	Disabilities Awareness	None
	Robotics	Recommended for scouts 14+
	Public Health	None
	Game Design	Come prepared with a few different game ideas.
	Graphic Arts	None