

Exploration

Merit Badge Workbook

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This workbook can help you but you still need to read the merit badge pamphlet.

This Workbook can help you organize your thoughts as you prepare to meet with your merit badge counselor

Merit Badge Counselors may not require the use of this or any similar workbooks.

You still must satisfy your counselor that you can demonstrate each skill and have learned the information. You should use the work space provided for each requirement to keep track of which requirements have been completed, and to make notes for discussing the item with your counselor, not for providing full and complete answers.

If a requirement says that you must take an action using words such as "discuss", "show",

"tell", "explain", "demonstrate", "identify", etc, that is what you must do.

No one may add or subtract from the official requirements found on Scouting.org.

The requirements were last issued or revised in 2022 • This workbook was updated in November 2023.

Scout's Name:				Unit	Date Started
Counselor's Name:				Phone No.:	Email:
		nents	or suggestions for changes to	the <u>requirements</u> for the	bout this <u>workbook</u> to: <u>Workbooks@USScouts.Org</u> <u>merit badge</u> should be sent to: <u>Merit.Badge@Scouting.Org</u>
□ 1.	Ge	neral	Knowledge. bllowing:		
		a.	Define exploration and exprecreational outdoor adver	nture trips.	dventure travel, trekking or hiking, tour-group trips, or
		b.	Explain how approaches to science lab in a city.		f it occurs in the ocean, in space, in a jungle, or in a

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□ f.		Establish safety and first aid procedures (including planning for medical evacuation).				
		Identify the hazards that explorers could encounter on the expedition, and establish procedures to prevent or avoid those hazards.				
		Hazard	Procedure to Prevent or Avoid			
	g.	Determine team selection. Identify who is essential for the expedition to be successful and what skills are required by the expedition leader.				
□ h.		Establish detailed recordkeeping (documentation) procedures. Plan the interpretation and sharing of information at the conclusion of the expedition.				
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	vious	your parent or guardian's permission and counselor's approval, prepare for an actual expedition to an area you have ously explored; the place may be nearby or far away. Do the following:					
		Make your preparations under the supervision of a trained expedition leader, expedition planner, or other qualified adult experienced in exploration (such as a school science teacher, museum representative, or qualified instructor).					
	b.	Use the steps listed in requirement 6 to guide your preparations. List the items of equipment and supplies you will need.					
		Discuss with your counselor why you chose each item and how it will be of value on the expedition.					
		Determine who should go on the expedition.					

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□ c.	Conduct a	a pre-expedition check, covering the steps in requirement 6, and share the results with your counselor.		
	•	counselor, walk through the Sweet Sixteen of BSA Safety for your expedition. Ensure that all le hazards for your expedition are adequately addressed.		
		Subject		
	□ 1.	Qualified Supervision		
	□ 2 .	Physical Fitness		
	□ 3.	Buddy System		
	□ 4.	Safe Area or Course		
	□ 5.	Equipment Selection and Maintenance		
	□ 6.	Personal Safety Equipment		
	□ 7 .	Safety Procedures and Policies		
	□ 8.	Skill Level Limits		
	□ 9.	Weather Check		
	□ 10.	Planning		
	□ 11. - 12	Communications		
	□ 12. □ 13.	Permits and Notices		
	□ 13.	First-Aid Resources		
	□ 14.	Applicable Laws		
	□ 15.	CPR Resource		
	□ 16. 	Discipline		
	an Expediti te the follow			
□ a.	counselor	parent or guardian's permission and under the supervision of your merit badge counselor or a -approved qualified person, use the planning steps you learned in requirement 6 and the preparations leted in requirement 7 to personally undertake an actual expedition to an area you have not previously		

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		b.	Discuss with your counselor what is outdoor ethics and its role in exploration and enjoying the outdoors responsibly.
		C.	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 than three; one page can be photos, graphs, or figures.
□ 9.			Opportunities.
	ı	ntify t	hree career opportunities in exploration.
	1.		
	2.		
	3.		
	Picl	k one	and explain to your counselor how to prepare for such a career.
	Car	reer	
	Dis	cuss	what education and training are required,
	Educati		on
	Tra	ining	
		J	

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and why this profession might interest you.			

NOTES:

As you work on the Exploration merit badge, remember to always use the buddy system. Whether you are out in the field or meeting with your merit badge counselor, having a buddy will help ensure everyone's safety. You and your buddy can watch out for each other wherever you may be or whatever you may be doing.

Expeditions are widely variable. You do not have to climb Mount Everest or go to a jungle to be an explorer. For this merit badge, an expedition should be viewed like a field trip or science project. While you cannot just hike some place and call it an expedition, you can hike to a location and study an aspect that interests you.

The major difference between an expedition and a field science trip is that you (with your counselor's guidance) have to plan everything. You have to formulate objectives and plan an agenda. As needed, you will need to do things like confirm transportation, arrange communication, plan for food and medical supplies, acquire all food and other supplies, construct safety and possible evacuation procedures, manage any adverse events, and prepare a report after the expedition.

Evaluating the effects of a storm on the local forest or nature preserve, the effects of a drought on a field used by birds and mammals, changes in butterfly populations due to loss of wildflower habitat, incursions by invasive plant or animal species, insect diversity, and presence or absence of amphibians or fish are just some of the examples that can be studied and reported. Your imagination is your only limitation.

When working on merit badges, Scouts and Scouters should be aware of some vital information in the current edition of the *Guide to Advancement* (BSA publication 33088). Important excerpts from that publication can be downloaded from http://usscouts.org/advance/docs/GTA-Excerpts-meritbadges.pdf.

You can download a complete copy of the Guide to Advancement from http://www.scouting.org/filestore/pdf/33088.pdf.