

Search and Rescue



Merit Badge Workbook

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 2020 • This workbook was updated in February 2024.

Scout's Name:		Unit:
Counselor's Name:	Phone No.:	Email:
		about this workbook to: Workbooks@USScouts.Org merit badge should be sent to: Merit.Badge@Scouting.Org
	our counselor the hazards you are most likely to d what you should do to anticipate, help preven	encounter while participating in search and rescue (SAR) it, mitigate, and respond to these hazards
What you sho	ould do :	
Anticipate		
Prevent		
Mitigate		
Respond		

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Snakebites:			
Dehydration:			
Shock:			
Hypothermia:			
Heatstroke:			
Blisters:			
Ankle sprains:			
-			
17			
Knee sprains:			
•			
	1		

	Scout's Name:	
emonstrate knowledge to stay found and prevent yo	ourself from becoming the subject of a SAR mission:	
. How does the buddy system help in staying found	d and safe?	
<u> </u>		
. How can knowledge of the area and its seasonal	weather changes affect your plans?	
. How can knowledge of the area and its seasonal	weather changes affect your plans?	
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C.	Explain how the Ten Essentials are similar to a "ready pack."					
Б.						
		e following with your counselor: fference between search and rescue.				
a.	THE UII	Terefice between search and rescue.				
b.	The dif	fference between PLS (place last seen) and LKP (last known point).				
	PLS					
	LVD					
	LKP					

3.

1.	AFRCC (Air Force Rescue Coordination Center)	
2.	IAP (Incident Action Plan)	
	,	
3.	ICS (Incident Command System)	
,		
4.	Evaluating search urgency	
5.	Establishing confinement	
	•	
6.	Scent item	
7	Anna air anna dan	
7.	Area air scent dog	
8.	Briefing and debriefing	

	arch and Rescue	Scout's Name:
	Find out who in your area has authority for se Who:	earch and rescue and what their responsibilities are.
	Responsibilities:	
	Discuss this with your sourceles and syntain	the efficient duties of a secret and recover tooks
	Discuss this with your counselor, and explain	the official duties of a search and rescue team.
	I Working with your counselor become ta	miliar with the Incident Command System. You may use any combination of reso
	materials such as printed or online	
	materials, such as printed or online.	
	materials, such as printed or online. Discuss with your counselor how the ICS cor	
	materials, such as printed or online.	
	materials, such as printed or online.	
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5.

^{*}Scouts who have already completed the original requirement 5 as published in the current Search and Rescue merit badge pamphlet need not redo this updated requirement in order to earn the badge.

ch and Rescue	Scout's Name:eams and discuss their use or role with your counselor.
	sams and discuss their use of fole with your counselor.
1.	
2.	
3.	
4.	
Then do the following:	
_	ims you have identified above, and learn how this team contributes to a search ar
rescue operation. Discuss what you I	learned with your counselor.
,	

2.					
Г	olain the differences b	etween wilderne	ss, urban, and w	ater SARs	
⊏X¦					
	derness SAR				
	derness SAR				
	derness SAR				
	derness SAR				
	derness SAR				
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Search and Rescu	e Scout's Name:
Water SA	R
The BSA in aircraf	bout Unauthorized and Restricted Activities 's Guide to Safe Scouting states under "Unauthorized and Restricted Activities" that flying tas part of a search and rescue mission is an unauthorized activity for youth members. For information, see http://www.scouting.org/healthandsafety .
. Discuss the U	niversal Transverse Mercator (UTM) system, latitude, and longitude.
UTM System:	
Lattitude:	
Longitude:	
Then do the fo	llowing.
	:24,000 scale USGS topographic map, show that you can identify a location of your choice using UTM coordinates
b. Using a 1	24,000 scale map, ask your counselor to give you a UTM coordinate on the map, then identify that location.
	tyou can identify your current location using the UTM coordinates on your Global Positioning System unit and verif 4,000 scale map
	e a hypothetical place last seen, and point out an area on your map that could be used for containment using natura- made boundaries

earch and Rescue	Scout's Name:
Choose a hypothetical scenario, either one	presented in this merit badge pamphlet or one created by your counselor.
Scenario:	
Then do the following	
a. Complete an incident objectives form f	or this scenario.
b. Complete an Incident Action Plan (IAP	to address this scenario.
c. Discuss with your counselor the behave the differences between searching for a searching for the differences between searching for the difference searching for t	rior of a lost person and how that would impact your incident action plan (for exampa young child versus a teen)

After comple	eting 8a-8c, discuss the hypothetical scenario with your counselor
scuss with you	ir counselor the terms hasty team and hasty search.
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Search	and Rescue	Scout's Name:
Th	en do the following:	
	Plan and carry out a practic	be hasty search—either urban or wilderness—for your patrol or troop. Include the following e awareness, evidence preservation, tracking the subject, and locating the subject using attraction
	Discuss problems encounted	ered, successful and unsuccessful tactics, and ideas for improvement.

ch and Rescue	Scout's Name:	
Find out about three care	reer or volunteer opportunities in search and rescue.	
1.		
2.		
3.		
	e education, training, and experience required for this professional or volunteer position.	
	e education, training, and experience required for this professional or volunteer position.	
Opportunity:		
Education:		
Training :		
Experience:		
L Discuss this with your co	ounselor, and explain why this position might interest you	
Broaded and Willington de		

A Note About Unauthorized and Restricted Activities

The BSA's Guide to Safe Scouting states under "Unauthorized and Restricted Activities" that flying in aircraft as part of a search and rescue mission is an unauthorized activity for youth members. For complete information, see http://www.scouting.org/healthandsafety.

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.