

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. 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.

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

No one may add or subtract from the official requirements found in Boy Scout Requirements (Pub. 33216 - SKU 637685).

	The requirements were last issued or revised in 2013	•	This workbook was updated in <u>June 2017.</u>
Scout's Name:		_	Unit:
- · · · · ·		_	

Counselor's Name: ____

Counselor's Phone No.:

http://www.USScouts.Org • http://www.MeritBadge.Org

Please submit errors, omissions, comments or suggestions about this workbook to: Workbooks@USScouts.Org Comments or suggestions for changes to the requirements for the merit badge should be sent to: Merit.Badge@Scouting.Org

1. Show that you know first aid for the types of injuries that could occur while orienteering, including cuts, scratches, blisters, snakebite, insect stings, tick bites, heat and cold reactions (sunburn, heatstroke, heat exhaustion, hypothermia), and dehydration

Cuts and scratches:	
Blisters:	
0 1 1 1	
Snakebite:	
Insect stings:	
insect stings.	
Tick bites	
Tick bites:	

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Sunburn:	
Heatstroke:	
Heat exhaustion:	
Hypothermia:	
Dehydration:	

Explain to your counselor why you should be able to identify poisonous plants and poisonous animals that are found in your area.

1	
1	
1	
1	

2. Explain what orienteering is.

3. Do the following:

a. Explain how a compass works.

Describe the features of an orienteering compass.

b. In the field, show how to take a compass bearing and follow it.

4. Do the following:

a. Explain how a topographic map shows terrain features.

Point out and name five terrain features on a map and in the field.

☐ 1.	
2.	
☐ 3.	
4.	
5.	

b. Point out and name 10 symbols on a topographic map.

☐ 1.	
2.	
3.	
4.	
5 .	
6.	
7.	
8.	
9.	
☐ 10.	

С.	Explain	the	meaning	of	declination.
••			meaning	۰.	

	C.	Explain the meaning of declination.
		Tell why you must consider declination when using map and compass together.
	🗌 d.	Show a topographic map with magnetic north-south lines.
	🗌 e.	Show how to measure distances on a map using an orienteering compass.
	☐ f.	
5.		100-meter pace course.
		ne your walking and running pace for 100 meters.
		pace: Running pace:
	Tell why	it is important to pace-count.

- 6. Do the following:
 - a. Identify 20 international control description symbols. Tell the meaning of each symbol.

	Symbol	Meaning
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		

b. Show a control description sheet and explain the information provided.

c. Explain the following terms and tell when you would use them: attack point, collecting feature, catching feature, aiming off, contouring, reading ahead, handrail, relocation, rough versus fine orienteering.

Attack point:	
Collection features	
Collecting feature:	
Catching feature:	
Aiming off:	
Contouring:	
Reading ahead:	
Ũ	
Handrail:	
Relocation:	

Rough orienteering:	
Fine orienteering:	

7. Do the following:

- a. Take part in three orienteering events. One of these must be a cross-country course.*
 - b. After each event, write a report with (1) a copy of the master map and control description sheet, (2) a copy of the route you took on the course, (3) a discussion of how you could improve your time between control points, and (4) a list of your major weaknesses on this course. Describe what you could do to improve.

Event 1: ____

- 1. Copy of the master map and control description sheet.
- 2. Copy of the route you took on the course.
 - 3. How you could improve your time:

4. Your major weaknesses:

Event 2: _____

- 1. Copy of the master map and control description sheet.
- 2. Copy of the route you took on the course.
 - 3. How you could improve your time:

4. Your major weaknesses:

Event 3	
□ 1.	Copy of the master map and control description sheet.
2.	Copy of the route you took on the course.
3.	How you could improve your time:
4.	Your major weaknesses:
8. Do ONE of t □ a. Set	ne following: up a cross-country course that is at least 2,000 meters long with at least five control markers.
	pare the master map and control description sheet.
	up a score orienteering course with at least 12 control points and a time limit of at least 60 minutes.
Set	point values for each control.
Pre	pare the master map and control description sheet.
	ficial during an orienteering event.
•	during the running of the course you set up for requirement 8. teering techniques to your patrol, troop, or crew.
	selor: While orienteering is primarily an individual sport, BSA Youth Protection procedures call for using the
	Requirement 7a can be completed by pairs or groups of Scouts.
	erit badges, Scouts and Scouters should be aware of some vital information in the current edition of
the Guide to Advar	acement (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.