

Navigation

Worksheet by the Merit Badge Center, Philippines

Last Updated: August 20, 2025



This worksheet was created to assist Scouts with their merit badge work. The worksheet does not replace the actual merit badge counseling process. A certified merit badge counselor for the badge must still certify your completion of each requirement and the merit badge. 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 worksheet or any similar material.** No one may add, subtract, or modify the official requirements for the merit badge as prescribed by the Boy Scouts of the Philippines.

Scout's Name: _____ Unit: _____

Requirement 1. Do the following:

1a. Discuss with your Outfit/Troop the cardinal and sub-cardinal points. Identify the landmarks located in each direction based on your home as a point of reference.

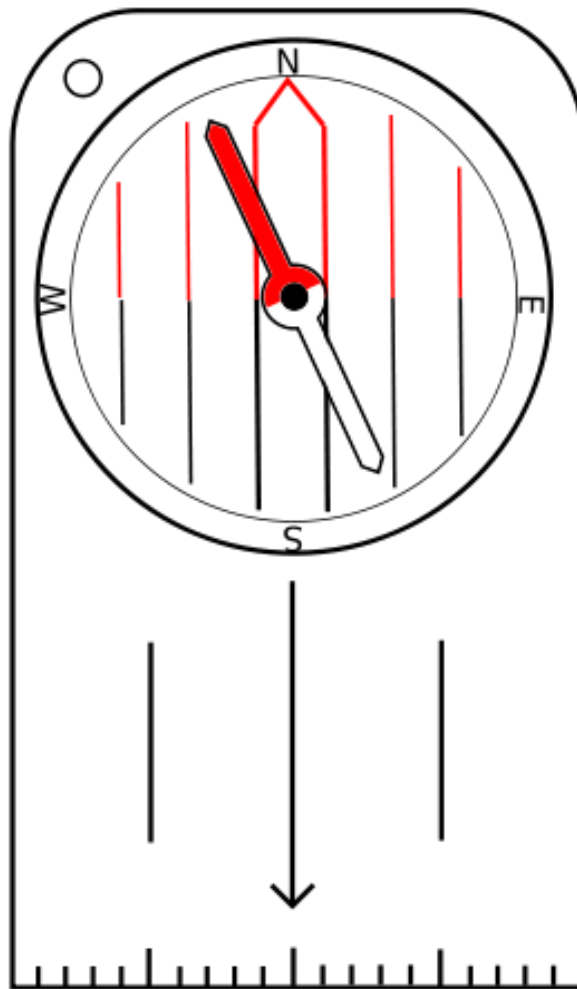
Discuss with your Outfit/Troop.

Unit Leader's Signature

Date

Draw landmarks in each cardinal and sub-cardinal direction based on your home as point of reference.

1b. Identify and explain the parts and functions of the compass.



Have your Merit Badge Counselor certify that you have completed this requirement.

Merit Badge Counselor's Signature

Date

1c. Demonstrate the proper use of a compass.

Have your Merit Badge Counselor certify that you have completed this requirement.

Merit Badge Counselor's Signature

Date

Requirement 2. Demonstrate first aid procedure for the following types of injuries that could occur while traveling: blisters, cuts, scrapes, animal/insect bites, heat and cold reactions (sunburn, heatstroke, heat exhaustion, hypothermia), dehydration.

- ☐ Blisters
- ☐ Cuts
- ☐ Scrapes
- ☐ Animal/Insect Bites
- ☐ Sunburn
- ☐ Heatstroke
- ☐ Heat Exhaustion
- ☐ Hypothermia
- ☐ Dehydration

Have your Merit Badge Counselor certify that you have completed this requirement.

Merit Badge Counselor's Signature Date

Requirement 3. Do the following:

3a. Discuss with your counselor the different types of maps.

Have your Merit Badge Counselor certify that you have completed this requirement.

Merit Badge Counselor's Signature Date

3b. Explain how topographic maps show terrain.

3c. Name and point out 10 symbols on a topographic map.

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

3d. Demonstrate how to measure distances on a map.

Have your Merit Badge Counselor certify that you have completed this requirement.

Merit Badge Counselor's Signature Date _____

4. Discuss the importance of “Leave No Trace” principles while navigating.

[illegible]

5. Do one (1) of the following:

- a. Demonstrate techniques on how to stay calm and focused when lost or facing navigation difficulties.

Have your Merit Badge Counselor certify that you have completed this requirement.

Merit Badge Counselor's Signature

Date

- b. Conduct a 1-km navigation walk (with approval of your counselor) practicing mindfulness exercises such as deep breathing, and focused attention.

Identify where you plan to do your 1-km navigation walk: _____

Have your Merit Badge Counselor approve where you plan to do your 1-km navigation walk.

Merit Badge Counselor's Signature

Date

Have your Merit Badge Counselor certify that you have completed this requirement.

Merit Badge Counselor's Signature

Date

6. Discuss with your counselor how navigation map reading and compass use have influenced different cultures and religions.

Have your Merit Badge Counselor certify that you have completed this requirement.

Merit Badge Counselor's Signature

Date