



# Signaling

## Merit Badge Workbook

This workbook can help you but you still need to read the [merit badge pamphlet](#) and [additional new information for this merit badge](#).  
No one can add or subtract from the Boy Scout Requirements #33216. Each Scout must do each requirement.

Merit Badge Workbooks and more: [Online Resources](#).

Send comments to the workbook developer: [craig@craiglincoln.com](mailto:craig@craiglincoln.com). Requirements issued: 04/1/10, Workbook updated: 04/10.

Scout's Name: \_\_\_\_\_ Unit: \_\_\_\_\_

Counselor's Name: \_\_\_\_\_ Counselor's Ph #: \_\_\_\_\_

1. Make an electric buzzer outfit, \_\_\_\_\_  
wireless, \_\_\_\_\_  
blinker, \_\_\_\_\_  
or other signaling device. \_\_\_\_\_
2. Send and receive in the International Morse Code, by buzzer or other sound device, a complete message of not less than 35 words, at a rate of not less than 35 letters per minute. \_\_\_\_\_
3. Demonstrate an ability to send and receive a message in the International Morse Code by wigwag and by blinker or other light signaling device at the rate of not less than 20 letters per minute. \_\_\_\_\_
4. Send and receive by Semaphore Code at the rate of not less than 30 letters per minute. \_\_\_\_\_
5. Know the proper application of the International Morse and Semaphore Codes; when, where, and how they can be used to best advantage. \_\_\_\_\_
6. Discuss briefly various other codes and methods of signaling which are in common use. \_\_\_\_\_

**Online Resources:** *(Use any Internet resource with caution and only with your parent's or guardian's permission.)*

Boy Scouts of America: ► [scouting.org](#) ► [Guide to Safe Scouting](#) ► [Age-Appropriate Guidelines](#) ► [Safe Swim Defense](#)  
► [Scout](#) ► [Tenderfoot](#) ► [Second Class](#) ► [First Class](#) ► [Rank Videos](#) ► [Safety Afloat](#)

Boy Scout Merit Badge Workbooks: [BSA Troop 780](#) -or- [usscouts.org](#) -or- [meritbadge.org](#) Merit Badge Books:  
[www.scoutstuff.org](#)

### Requirement Resources

#### BSA Merit Badge Resources

- [BSA Signaling Merit Badge Page](#)
- [BSA Signaling Resource Packet](#)
- [Original BSA Signaling Merit Badge Book](#)

2, 3, 5: Note: It's 35 letters per minute, not words per minute.

Learn Morse Code in One Minute: <http://www.learnmorsecode.com/>

Learn Morse Code - wikiHow: <http://www.wikihow.com/Learn-Morse-Code>

Morse Code Translator: <http://morsecode.scphillips.com/jtranslator.html>

ARRL Morse Code Resources, History, etc.: <http://www.arrl.org/FandES/ead/learncw/>

4: [Flag semaphore signal schema](#) A diagram of flag semaphore signal actions and meanings in arm position order; action sequence required to send and receive a complete message; posing instructions for signaler. (Rev. 2, 3/10)

### General Resources