

AMATEUR RADIO EQUIPMENT AND PROCEDURES

Objectives

- Prepare the scout to complete the following merit badge requirements:
 - 1.e. Explain what phonetics are and how they are used.
 - 7.a.3. Explain at least five Q signals or amateur radio terms you hear while listening.
 - 7.a.5.a. Explain how you would make an emergency call using voice or Morse code.
 - 7.a.6.a. Discuss handheld transceivers verses home “base” stations.
 - 7.a.6.b. Explain the uses of mobile amateur radios.
 - 7.a.6.c. Explain the uses of amateur radio repeaters.
- Help firm in the scout’s mind what he has observed in the preceding mini-classes, which were:
 - Ham Radio Station Visit
 - Preparing to Talk on the Radio
 - Radio Contact

Reference Materials

- Merit badge pamphlet pages: 44-51.
- Handouts: Several from previous classes.
- 8.5 X 11 blank paper for scouts to use.

Suggested Activities

Proceed directly to the verifying the scout meets the merit badge requirements.

Verifying the Scouts Have Met the Merit Badge Requirements

- Meet with each scout individually so they can present to you the information required to fulfill each of the above merit badge requirements.
- Sign the scout’s record sheet in the spaces provided to indicate scout has fulfilled those requirements.
- If the scout is not able to meet any requirement, have them review the handout and referenced pages in the merit badge pamphlet and come back later to complete the requirement. Provide additional one-on-one mentoring if needed.