

- b. Discuss first aid and prevention for the types of injuries or illnesses that could occur while participating in SAR activities, including: snakebites, dehydration, shock, environmental emergencies such as hypothermia or heatstroke, blisters, and ankle and knee sprains.

Snakebites:

Dehydration:

Shock:

Hypothermia:

Heatstroke:

Blisters:

Ankle sprains:

Knee sprains:

2. Demonstrate knowledge to stay found and prevent yourself from becoming the subject of a SAR mission:

a. How does the buddy system help in staying found and safe?

b. How can knowledge of the area and its seasonal weather changes affect your plans?

c. The meaning of these terms:.

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. Area air scent dog

8. Briefing and debriefing

4. Find out who in your area has authority for search and rescue and what their responsibilities are.

Who: _____

Responsibilities:

Discuss this with your counselor, and explain the official duties of a search and rescue team.

5. Working with your counselor, become familiar with the Incident Command System. You may use any combination of resource materials, such as printed or online.

Discuss with your counselor how the ICS compares with Scouting's patrol method.*

*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.

b. Describe the process and safety methods of working around at least two of the specialized SAR teams you identified above.

1.

2.

c. Explain the differences between wilderness, urban, and water SARs..

Wilderness SAR

Urban SAR

Water SAR

7. Discuss the Universal Transverse Mercator (UTM) system, latitude, and longitude.

UTM System:

Latitude:

Longitude:

Then do the following:

- c a. Using a 1:24,000 scale USGS topographic map, show that you can identify a location of your choice using UTM coordinates..
- c b. Using a 1:24,000 scale map, ask your counselor to give you a UTM coordinate on the map, then identify that location.
- c c. Show that you can identify your current location using the UTM coordinates on your Global Positioning System unit and verify it on a 1:24,000 scale map..
- c d. Determine a hypothetical place last seen, and point out an area on your map that could be used for containment using natural or human-made boundaries..

