



- b. Show that you know first aid for and how to prevent injuries or illnesses that could occur during climbing activities, including heat and cold reactions, dehydration, stopped breathing, sprains, abrasions, fractures, rope burns, blisters, snakebite, concussions, and insect bites or stings.

Heat and cold reactions:


Dehydration:


Stopped breathing:


Sprains:


Abrasions:


Fractures:


Rope burns


Blisters:




4. **Location.** Do the following:

- a. Explain how the difficulty of climbs is classified, and apply classifications to the rock faces or walls where you will demonstrate your climbing skills.

Class 1	
Class 2	
Class 3	
Class 4	
Class 5	
Classifications:	

- b. Explain the following: top-rope climbing, lead climbing, and bouldering.

Top-rope climbing:	
Lead climbing	
Bouldering:	

- c. Evaluate the safety of a particular climbing area. Consider weather, visibility, the condition of the climbing surface and any environmental hazards.

Weather:	
Visibility:	







11. **Rappelling.**

- a.  Using a carabiner and a rappel device, secure your climbing harness to a rappel rope.
- b.  Tie into a belay rope set up to protect rappellers.
- c.  Rappel down three different rock faces or three rappel routes on a climbing wall. Use verbal signals to communicate with a belayer, and demonstrate good rappelling technique.

	Face or Route	Date	Verbal Signals
<input type="checkbox"/> 1.			
<input type="checkbox"/> 2.			
<input type="checkbox"/> 3.			

- 12.  Demonstrate ways to store rope, hardware, and other gear used for climbing, rappelling and belaying.

When working on merit badges, Scouts and Scouters should be aware of some vital information in the current edition of the *Guide to Advancement* (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>.

***The Principles of Leave No Trace***

1. Plan Ahead and Prepare
2. Travel and Camp on Durable Surfaces
3. Dispose of Waste Properly (Pack It In, Pack It Out)
4. Leave What You Find
5. Minimize Campfire Impacts
6. Respect Wildlife
7. Be Considerate of Other Visitors

***Outdoor Code***

As an American, I will do my best to—

***Be clean in my outdoor manners.*** I will treat the outdoors as a heritage. I will take care of it for myself and others. I will keep my trash and garbage out of lakes, streams, fields, woods, and roadways.

***Be careful with fire.*** I will prevent wildfire. I will build my fires only when and where they are appropriate. When I have finished using a fire, I will make sure it is cold out. I will leave a clean fire ring, or remove all evidence of my fire.

***Be considerate in the outdoors.*** I will treat public and private property with respect. I will follow the principles of Leave No Trace for all outdoor activities.

***Be conservation-minded.*** I will learn about and practice good conservation of soil, waters, forests, minerals, grasslands, wildlife, and energy. I will urge others to do the same.