



## Klondike 2022 Program Outline:

Come join us for the 2022 Winter Klondike and Camporee. WEBELOS, BSA Troops and Crews are invited to join us at Camp Tuckahoe. This year your patrols will form search and rescue teams. The overall winner will be awarded the “Klondike Championship Plaque” to take back to their meeting place to display until the next year’s Klondike. The following information is intended to help you plan and prepare for the situation that the Klondike stations will present to you.

### To Seek and Save

#### **SAR** (search and rescue)

In general, we are asking our units to form a search and rescue team or teams. We prefer to keep your teams at no more than 10 members. Teams are encouraged to use the Scouts BSA Handbook, the Search and Rescue Merit Badge Book, and online resources to learn about search and rescue circumstance and methods. Then your team will have to make a plan of action, or IAP, (preferably in writing) for each of the stations that your teams will be tasked to do at the 2022 Klondike. Certain situations, such as spinal injuries and others should only to be done by trained professionals but for the purpose of our theme you will be acting as a professional rescue team. Use the program outline below to prepare. We recommend that your teams should work on these stations at your meetings and perhaps have a trial Klondike practice day of your own. A scout is prepared.

What is Search and Rescue? Search is an emergency situation requiring a team of trained searchers to locate a missing person or people. Rescue is when a person or people have been found or their location is known, they would need to be taken to safety and may require technical rescue skills and medical care.

It is the policy of the Federal departments and agencies to provide a National Search and Rescue Plan of the United States (referred to as the “Plan”) for coordinating search and rescue (SAR) services to meet domestic needs and international commitments.

General terms your team should know:

**Incident action plan (IAP)** This is an action plan where your team will set objectives and response strategy for priorities to accomplish your goals.

**Incident Command System (ICS)** Is a management system designed to enable effective and efficient domestic incident management by integrating a combination of facilities, equipment, personnel, procedures, and communications operating within a common organizational structure.



**Mass Rescue Operation (MRO):** SAR services characterized by the need for immediate response to large numbers of persons in distress, such that the capabilities normally available to SAR authorities are inadequate.

**Equipment List:** as your teams prepares itself for the challenges that lie ahead, you will need to put together a list of items that your team will need to carry out your plan (see sled list). Two things to keep in mind while planning: how your team will we perform this rescue and what equipment you will we need to get the job done.

## The Stations:

### Fire Emergency Rescue

“I smell smoke!”

The Fire Escape Room

Your team is staying in a cabin for the night. You are awakened by the sound of a smoke detector and the smell of smoke. You find a member of your team is unconscious. Your team needs to exit the cabin and remove the unconscious team member.

Equipment Needed: IAP, and Scouts BSA Handbook

### Avalanche

Search and Rescue teams are called upon to search for skiers in the event of an avalanche. Skiers could be covered by the snow making them more difficult to find. Your team will use a compass to locate the skier using the coordinates that will be given to you at this station. Your team must act fast. 93% of avalanche victims will survive if found within 15 minutes. The survival rates drop dramatically after that. After 45 minutes survival rates drop to only 25%. This is a race against time. Find the victim and carry them to safety.

Equipment Needed: IAP, compass, ruler, pencil & paper, 2 staves, blanket

### Avalanche Trauma - First Aid

Your team must be prepared for almost any type of hurried cases, your team will be put to the test at this station. Some friends have been out skiing when an avalanche occurs. Your team has been dispatched to the site to render medical attention. One of the victims has collided with a



tree and has multiple trauma injuries. What do you look for, and what is most important to do first?

Equipment Needed: IAP, Scouts BSA handbook, first-aid kit, triangular bandage.

### **Ice Rescue**

Your team is conducting a search and rescue for a person who has fallen through the ice on a lake. The victim is about 30 feet from shore and the ice is too dangerous to risk having anyone else walk out onto the lake. Keep in mind that the window of opportunity to perform a successful rescue is quite short. Within minutes a person partially submerged in icy water will succumb to hypothermia and their ability to grasp things including the ice. Eventually they will lose their ability to speak clearly and become weak. Your team leader will need to organize an IAP to perform the rescue and anticipate what injuries you might have to render first aid for.

Equipment Needed: IAP, 10' ropes (each team member), tarp, blanket, fire-building kit, Scouts BSA handbook.

### **Stranded**

Every SAR team should plan for every emergency before they even set out for an assignment. Your team will need to do some research and come up with a plan and will demonstrate it for this scenario. Search the internet and refer to your Scouts BSA Handbook (what to do when lost) for ideas on what your team would do if you were stranded in the wilderness in the winter.

In this scenario your team was on its way home from an assignment when the vehicle breaks down way out in the middle of the wilderness. You have no cell service and you're many miles from the main highway. It's the middle of winter and chances of another car coming down this road are very minute. You are stranded in the middle of nowhere. So, what can your team do to be found? Come up with a plan and determine what equipment you could use in such a situation before arriving to the Klondike Derby.

Equipment Needed: IAP, bright-colored clothes or shirts, fire-building kit, mirror/reflectors, the 10 essentials, Scouts BSA handbook.

### **Mountain Search and Rescue:**



A hiker is reported missing, and your team will be given a map of the area and which area to search for them in. Your team's job will be to locate the missing hiker and report back to headquarters. This is a timed event.

Equipment Needed: IAP

### **Neck Injury Rescue:**

What you know: A hiker has been reported to have fallen down a ravine, your team will find the victim lying in the prone position. They are unconscious but is breathing on their own. Also, it is well below freezing and a winter storm is heading your way. There is no time to go for help. Your team leader follows the IAP using items on your sled to lash a backboard and a neck brace to immobilize the victim. Your team will need to work quickly as a team in getting the hiker to safety.

Emergency signs and symptoms of a spinal cord injury after an accident may include:

Extreme back pain or pressure in your neck, head or back.

Weakness, incoordination, or paralysis in any part of your body.

Numbness, tingling or loss of sensation in your hands, fingers, feet, or toes.

Loss of bladder or bowel control.

Difficulty with balance and walking.

Impaired breathing after injury.

An oddly positioned or twisted neck or back.

Equipment Needed: IAP, ropes for lashing, 2 external backpack frames OR poles/staves to lash, first-aid kit, triangular bandage, Scouts BSA handbook.

### **The Snowshoe challenge**

Snowshoes are an essential for traveling through deep snow. And nothing brings a troop together more than working on a do-it-yourself project. So, we are asking for each team to make one pair of DIY snowshoes for your team (one pair for each team). Your team's custom-made snowshoes will be judged and then your team will participate in the snowshoe relay. Each team member will take a turn running the course with the snowshoes on. After completing the course, the next team member will take the snowshoes and put them on to run the course. This is a timed event and your team's total time will be divided by the number of members for their final time/score. Below are two DIY snowshoes videos or you can look for other designs online that your team might prefer better. There are many different designs to choose from, check out



the links below (no store-bought snowshoes please). Build your own snowshoes before the Klondike Derby and bring them with you.

You can check out these YouTube videos or discover more. We have three sets of frames in the district, contact Chris Lontz or Herb Snyder for contact information. Snowshoes will be judged at the station for best pair. There will be a pair of snowshoes provided for the relay if a team doesn't bring a pair but extra points will be awarded to teams bringing their own DIY snowshoes.

<https://youtu.be/ImDIQtwt-us>

<https://youtu.be/Tqk6CDWyfCs>

### **Overall Equipment List**

- Scouts BSA Handbook
- First-Aid kit
- Pencil and paper
- Triangular Bandages
- The 10 Essentials
- Tarp, blanket, or towel for a stretcher
- 10' of rope for each team member
- Ropes for lashing (separate from the 10' ropes)
- Two staves
- Compass
- Ruler
- Two external backpack frames
- Fire-starter kit
- Mirror or reflector
- Bright-colored clothes or shirts
- Snowshoes