



ADVENTUROUS ACTIVITIES PROGRAM

Use snow craft skills for alpine touring

Assessment of Proficiency Folio



© Christopher Ward

Branch or State	
Members Name	
Membership Number	
Unit e.g. Venturer, Rover, etc	
Phone / Mobile	
Email address	

Who instructed or assisted you in your activity course and to complete the Folio:

Name	Role	Qualification

Youth Program - Outdoor Adventure Skills are to be recorded in Scouts Terrain

Use snow craft skills for alpine touring- Assessment of Proficiency

Name	
Qualification & Number	
Date	
Signature	

I certify that proficiency in Use snow craft skills for alpine touring has been attained by:

Introduction

Welcome to your Program Pathway for the pursuit of Use snow craft skills for alpine touring.

This Program Pathway allows you to be clear on what you required to do to complete the requirements to achieve completion of Program Pathway. This Program involves the skills and knowledge required for Use snow craft skills for alpine touring

The Program Pathway Portfolio is broken into 3 parts

Part 1 – Pre-Program Evidence items are the things you have to complete before you attend the face-to-face part of the program

Part 2 – On Program Evidence Items are where you record the skills and knowledge you develop on the face-to-face part of the Program.

Part 3 – Post Program Evidence Items

As you complete the items please capture or connect them to this portfolio type document. Once you have completed all the evidence items in the Program please return the complete Program Pathway Portfolio to the Training Section of your Branch. A review of your completed Portfolio will be undertaken, and once you have been deemed competent you will be recognised as a Safe Participant.

If you are also seeking the VET unit noted above you will need to contact your Branch Training Department and enrol in SAIT. Enrolling will allow you to have a separate assessment completed by a SAIT assessor. The Assessor may require further evidence to be provided. If you are found to be competent, you will be awarded the relevant issue of competency by SAIT.

Outcomes

This Program has a link to the following Unit of Competency

Use snow craft skills for alpine touring

Photo Credits

Christopher Ward, Harry Day, Steff Kacey, Greg Pearce, Paul Beitelis, Tim Dain, Sam Hussein and all those others who contributed.

Pre-Program Evidence Items

Please make yourself familiar with your Branches policies and procedures for

Alpine and Snow Activities PRO 33

Review the Australian Adventurous Activity Standards

<https://australianaas.org.au>

Provide the following planning documents for **two** trips in an alpine environment in snow conditions, including at least one lasting for a minimum of **three** days.

Include lines of travel to avoid Alpine hazards such as avalanche prone areas. Include equipment and resources required for emergency use, including food and water.

These documents MUST be your own work

Planning documents Trip ONE	COMPLETED
General Activity plan	
Menu	
Equipment List including clothing list	
Detailed route card	
Associated maps with lines of travel highlighting Alpine Hazards such as Avalanche prone areas.	
Planning documents Trip TWO Min three days two nights	
General Activity plan	
Menu	
Equipment List including clothing list	
Detailed route card	
Associated maps with lines of travel highlighting Alpine Hazards such as Avalanche prone areas.	

You can submit your own plans or use the templates and maps within this document.

For an electronic version of the maps in this document, you can copy and paste the link below into your browser.

https://nswscouts.sharepoint.com/:f:/s/Teams-NSWStateTeam-YouthProgram-AdventurousActivites/Egu9i07C5oFDIHoeF9JgaBMBD1evcq4K3ClvDID3_dXLxA?e=grbyJx

Link Needs to be on scout cloud

Trip Plan ONE : Must be at least a day trip on snow

You do not have to complete this trip. You only have to complete the planning. You do however need to complete the trip requirements on page 24

General overview Activity Plan

● Planning	Concept	<ul style="list-style-type: none"> <what is the activity hoping to achieve?>
	Date	<when will the activity occur? Start date to end date.>
	Pre-activity Actions	<what do we need to do before we have the activity?>
	Educational Purpose	<Outline why we are doing this activity. What is the educational benefit? What sort of benefit or objective do we want to achieve?>
	Safety	<What are the key safety consideration and what are the plans in the case of an incident? Who is the nominated Safety Officer for the activity? First aid plans and qualifications?>
	Emergency Plan	<Details for hospitals and police. Detail out the possible situations that could occur and how you plan to respond. Be very specific here. When would you trigger a PLB? Exit routes and access points. Dialling 000 is not an emergency plan!>
	Approvals	<Detail any approval from landowners and who the approver is from Scouts NSW.>
	Participants	<Who are the participants? What sections, what OAS levels? What are the participant ratios?>
	Minimum Environmental Impact	<Detail out plans to minimise the impact on the environment. Consider the 7 no trace principles.>
Environment	Weather	<What is the anticipated weather for the activity? Include expected synoptic charts and rain fall considerations.>
	Triggers	<List all the Triggers which will cause a change in the activity and what will happen if one occurs. Be especially clear on cancelation Triggers.>

Menu

Breakfast	Lunch	Dinner

Please expand on your food choices. Cover energy content and requirements. Cover fat, carbohydrate and protein content. Why is this important. What can readily be carried and easily prepared in an Alpine touring environment.

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Equipment List

Snow Travel	
Clothing	
Navigation	
Kitchen	
Campsite	
Emergency	
Tools and Repairs	
Health and Hygiene	
Personal Items	
Other Items	

Route Card

Name of Trip						
Date	Day of trip 1 st , 2 nd , etc					
Leg	Grid Ref Start point	Bearing	Distance	Vertical up / down	Time allowed	Brief details of route / Notes
1	To					
2	To					
3	To					
4	To					
5	To					
6	To					
7	To					
8	To					
9	To					
10	To					

Map for you to draw your lines of travel



Trip Plan TWO - Must be at least Three Days two nights

You do not have to complete this trip. You only have to complete the planning. You do however need to complete the trip requirements on page 24

General overview Activity Plan

● Planning	Concept	<ul style="list-style-type: none"> <what is the activity hoping to achieve?>
	Date	<when will the activity occur? Start date to end date.>
	Pre-activity Actions	<what do we need to do before we have the activity?>
	Educational Purpose	<Outline why we are doing this activity. What is the educational benefit? What sort of benefit or objective do we want to achieve?>
	Safety	<What are the key safety consideration and what are the plans in the case of an incident? Who is the nominated Safety Officer for the activity? First aid plans and qualifications?>
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	Participants	<Who are the participants? What sections, what OAS levels? What are the participant ratios?>
	Minimum Environmental Impact	<Detail out plans to minimise the impact on the environment. Consider the 7 no trace principles.>
Environment	Weather	<What is the anticipated weather for the activity? Include expected synoptic charts and rain fall considerations.>
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10	To					

Maps for you to draw your lines of travel





Emergency Snow Shelters

Look at the below emergency shelters. Name them and list the advantages and disadvantages of each.

	Name	Advantages	Disadvantages
			
			
 <p>Find a nice SNOW DRIFT NOT A CORNICE!</p> <p>HEAT TRAP! the floor is higher than the door</p> <p>DOWNHILL is easier to blow the snow</p> <p>Arch-shaped doorway</p> <p>some vines holes</p> <p>Make sure to mark the hollow area somehow! You don't want to walk on the roof</p> <p>you can CUT some shelves!</p> <p>DOME SHAPE: rounded roof with steep walls</p> <p>always SLEEP WITH your shirt INSIDE!</p>			

Tents features and design




Look at the below tents and pegs. Describe the purpose of the specific design features of each.



Avalanches and unstable snow conditions

Name and describe the following avalanche types and their particular hazards. Cover such points as.

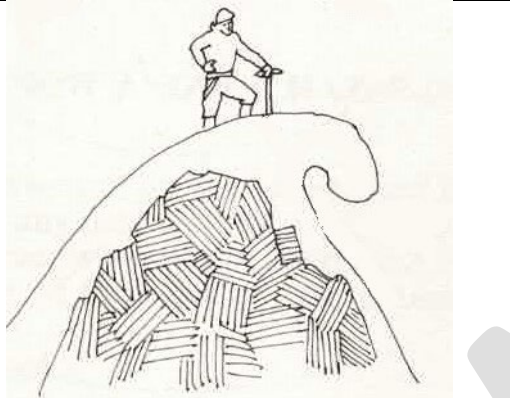
How they are formed and how to avoid them.

	
	
	
<p>What is the most common angle range for avalanches to occur</p>	<ul style="list-style-type: none"> <input type="radio"/> 45 to 64 deg <input type="radio"/> 36 to 45 deg <input type="radio"/> 25 to 36 deg <input type="radio"/> Over 64 deg
<p>Briefly explain what the term "layer of weakness" is when relating the term to snow pack</p>	

Alpine Hazards

List any hazards you can see (and can't see) in the following pictures



The image to the left is a cross section of a typical snow cornice found atop a rock pinnacle (The hatching indicates rock).

Indicate the probable line of fracture by drawing a line through the cornice.




Do you think the climber is safe?

Field equipment


Describe the safety and comfort issues or advantages with the two sites pictured below




Cold injuries, Hypothermia and Frostbite

	<p>Describe the symptoms of Hypothermia</p>	<p>List ways to prevent Hypothermia and how to treat it</p>
	<p>Describe the injury to the left</p>	<p>List ways to prevent this injury both on hands and on feet and how to treat it</p>
	<p>Describe the injury to the left</p>	<p>How would you treat this injury</p>

Minimise environmental impact and human waste

<p>List four ways you could minimise environmental impact while touring in Alpine regions</p>	<p>1</p> <p>2</p> <p>3</p> <p>4</p>
	<p>Describe how you would use the item to the left.</p>

Clothing, fabrics and PPE

	<p>Describe reasons and methods for Layering clothing</p>
<p>What positive features would you be looking for in when purchasing the following</p> <ol style="list-style-type: none"> 1. Windproof / waterproof gear 2. Gaiters 3. Gloves and Beanies 4. Sun glasses and ski goggles 	

On Program Evidence Items

The following will be completed while you are on the On-Program part of your pathway. Please make sure the below check list is completed and **signed by your course leader**.

Activity	Completed
Has completed their FIRST Alpine trip on snow.	
Has completed their SECOND Alpine trip consisting of an overnight camp on snow and carrying all their camp equipment.	
I was able to prepare a group for an incoming snow storm	
I was able to respond to a participant with hypothermia and provide appropriate first aid (mock situation).	
I was able to respond to a participant with frostbite and provide appropriate first aid. (Mock situation).	
I was able to travel in a snow storm using leapfrogging technique. This exercise needs to be done with vision limiting goggles or at night under low light.	
Has selected the appropriate location and constructed a total of two different types of emergency snow shelters These two may be a <ol style="list-style-type: none"> 1. Snow Cave 2. Quinzhee 3. Snow Trench 4. Snow Mound 	
I have selected the appropriate location for my overnight snow camp and discussed with a NSW Scouts appointed Alpine Guide my reasons for site selection.	
I have discussed my selection of equipment for an overnight Snow tour	
I have discussed techniques used to negotiate and deal with. <ol style="list-style-type: none"> 1. Thick Vegetation 2. Rapidly changing conditions 3. Soft snow to Ice 4. Rain to Snow 5. Benign weather to Blizzard 	
I have demonstrated that I have a sound knowledge of factors that contribute to avalanches and unstable snow conditions, specifically. <ol style="list-style-type: none"> 1. Recent weather patterns 2. Snow deposition 3. Terrain 4. Human activity 5. Local areas that are known to be subject to avalanche and unstable snow conditions; and routes that can avoid these. 	
Demonstrated the ability to safely approach, negotiate obstacles and hazards to minimise risk of injury	
The candidate as demonstrated the above skills to a satisfactory level.	
<p>On-Program Leader Name:</p> <p>_____</p> <p>Signature: _____ Date: / /</p>	

Post Program Evidence Items (document in your logbook and don't forget to include photos)

The following items need to be completed to complete your Program Pathway

- Have in your log book two **snow craft skills for alpine touring** activities

Sample activity log book:

Name:						Activity Log Skill: Snorkelling					
Date	XC Ski trip	Demonstrated able to follow safety procedure,	Participants	My Role	Name of Activity Leader/ team leader & contact details						

<p>Pathways</p> <p>Youth Program</p> <p>Adult Training & Development</p> <p>Scouts Australia Institute of Training</p>	<p>This document can be uploaded into Scouts Terrain as supporting evidence for the relevant youth program Outdoor Adventure Skills Stages.</p> <p>Please retain a copy of your completed and assessed folio to allow you to use it as supporting evidence for the awarding of the related Scouts Australia adult training outcome.</p> <p>Please retain a copy of your completed and assessed folio to allow you to use it as partial evidence for Recognition of Prior Learning (RPL) by enrolling in SAIT and being assessed by an appointed SAIT Assessor in to achieve a Vocational Education and Training (VET) outcome.</p> <ul style="list-style-type: none"> • Please note that the Assessor for SAIT or your peers for OAS may request further supporting evidence where necessary.
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