

SROODR002A	PLAN OUTDOOR RECREATION ACTIVITIES
ODR	Outdoor recreation

DESCRIPTION: This unit has been developed for the Outdoor Recreation Industry Training Package.

This unit covers the knowledge and skills to independently plan and participate unsupervised in outdoor activities within a team environment in situations where extreme environmental conditions are not likely to occur. This unit addresses the basic principles, knowledge and skills to plan general (non activity-specific) requirements for participation in outdoor recreation activities. Activity-specific aspects of clothing and equipment selection are addressed in activity-specific units.

This unit incorporates the unit SROODR001A Apply basic outdoor recreation logistics, and this should be taken into consideration when planning to meet pre-and co-requisite requirements.

ELEMENT	PERFORMANCE CRITERIA
1 Make logistical arrangements	1.1 Evaluate the suitability of a range of possible activity sites/locations to select one which is appropriate to personal objectives 1.2 Source and apply local area knowledge to assist in the <i>planning process</i> 1.3 Identify and comply with <i>statutory and organisational procedures</i> 1.4 Identify and select where appropriate, specific sites within the designated activity location for use with reference to minimal impact on the environment 1.5 Identify <i>hazards</i> associated with the activity and implement risk minimisation procedures within the control of the participant during the planning and preparation
2 Select and use suitable outdoor equipment	2.1 Identify <i>equipment</i> needs after consideration of <i>contextual issues</i> 2.2 Identify and evaluate sources of <i>equipment</i> according to needs 2.3 Source <i>equipment</i> a suitable time prior to the activity to allow for checking 2.4 Check <i>equipment</i> for serviceability to ensure that it is in good working order 2.5 Confirm suitability of <i>equipment</i> to individual needs and conditions 2.6 Prepare <i>equipment</i> for transportation to activity location in a manner to minimise loss or damage 2.7 Use <i>equipment</i> in accordance with operational procedures and/or manufacturer's recommendations to ensure that design limits are not exceeded 2.8 Adjust and fit, where necessary, <i>equipment</i> to ensure comfort and safety 2.9 Monitor <i>equipment</i> for wear and damage during use and prior to storage and refer damaged <i>equipment</i> to the appropriate person 2.10 Store <i>equipment</i> in a suitable manner according to organisational procedures and/or manufacturer's recommendations
3 Identify, plan and monitor food requirements	3.1 Analyse food requirements and apply this analysis to select and maintain intake, based on principles of nutrition and energy requirements for conditions and type of activity 3.2 Ensure menu planning and preparation is appropriate for dietary requirements and personal tastes within the <i>activity constraints</i> 3.3 Apply knowledge of the range of food products available to select food which is most appropriate based on perishability, packaging and storage considerations 3.4 Identify and plan for emergency food requirements
4 Identify and plan for water needs and usage	4.1 Calculate fluid requirements, based on the requirements of a particular activity 4.2 Identify elements to consider when calculating fluid requirements

	<p>4.3 Access information on water purification techniques appropriate to the water source</p> <p>4.4 Outline the range of water purification techniques available and demonstrate use of purification resources appropriate to the water source</p> <p>4.5 Prepare water for carrying and storage in a manner appropriate to the activity and to minimise potential breakage of container</p>
5 Identify and plan clothing requirements	<p>5.1 Identify causes of heat loss and heat exhaustion /stroke during an activity</p> <p>5.2 Select clothing suitable to the activity, based on consideration of contextual issues, as well as a knowledge of the principles of clothing selection and an application of knowledge of the features and limitations of different fabrics</p>
6 Participate in an outdoor activity	<p>6.1 Determine and comply with statutory and organisational procedures applicable to the activity and activity site/location</p> <p>6.2 Establish temporary sites, where required, to ensure comfort, safety and minimal impact</p>
7 Deal with non-routine situations	<p>7.1 Assess the non-routine situation and establish the need for improvised equipment or techniques</p> <p>7.2 Identify current resources that can be used for improvised techniques or equipment</p> <p>7.3 Ensure consideration is given to the ability to acquire new or additional resources</p> <p>7.4 Evaluate the ability to improvise with current resources whilst maintaining the safety of the activity</p> <p>7.5 Demonstrate the ability to improvise equipment and/or techniques to deal with non-routine situations</p> <p>7.6 Modify the activity, where necessary, to accommodate the use of improvised equipment or circumstances</p>

Range Statements

The Range Statements provide advice to interpret the scope and context of this unit of competence, allowing for differences between enterprises and workplaces. The Range Statements relate to the unit as a whole and helps facilitate holistic assessment. In addition, the following variables may be present for this particular unit of competency:

RANGE STATEMENT	CATEGORIES
Activity constraints	<p>[all categories]</p> <ul style="list-style-type: none"> • all factors which may impact upon food and water requirements within a particular activity, including <ul style="list-style-type: none"> ○ weight constraints ○ carrying capacity ○ cooking method available ○ water availability ○ length/duration of activity ○ temperature/season ○ budget
Contextual issues	<p>[all categories]</p> <ul style="list-style-type: none"> • includes all factors which may impact upon the particular activity <ul style="list-style-type: none"> ○ season ○ activity location ○ time of day ○ weather ○ length of activity ○ participant size and ability ○ weight constraints of activity ○ destination ○ condition of terrain, activity location or medium ○ group needs ○ unsupervised
Equipment	<p>[all categories]</p> <ul style="list-style-type: none"> • includes all aspects of general outdoor equipment required for participation <ul style="list-style-type: none"> ○ general outdoor equipment, eg, tents, backpacks, stoves, torches ○ personal equipment, eg, jackets, raincoats ○ safety equipment, eg, first aid kit ○ group equipment, eg, communications
Hazards	<p>[all categories]</p> <ul style="list-style-type: none"> • potential terrain hazards • environmental hazards <ul style="list-style-type: none"> ○ heat ○ cold ○ rain ○ snow ○ flood

	<ul style="list-style-type: none"> ○ fire ○ storms ○ ice ● people hazards ● equipment failure
Improvised equipment	<p>[all categories]</p> <ul style="list-style-type: none"> ● repaired equipment ● protective clothing ● shelters ● first aid resources, eg, slings, bandages ● emergency response resources, eg, stretchers, splints
Non-routine situations	<p>[all categories]</p> <ul style="list-style-type: none"> ● may include <ul style="list-style-type: none"> ○ lost or damaged equipment ○ unseasonal weather conditions ○ injuries ○ emergencies ○ communication breakdowns ○ phobias and panic in other group members ○ characteristics of other group members <ul style="list-style-type: none"> ▪ weight ▪ size ▪ physical ability ▪ cultural background
Planning process	<p>[all categories]</p> <ul style="list-style-type: none"> ● access <ul style="list-style-type: none"> ○ start ○ finish ○ emergency ● transport ● viability ● weather considerations ● environmental factors
Statutory and organisational procedures	<p>[all categories]</p> <ul style="list-style-type: none"> ● include <ul style="list-style-type: none"> ○ permits from management authorities ○ authority/permission from landowners ○ documented operating procedures and organisation/enterprise policies
Temporary sites	<p>[all categories]</p> <ul style="list-style-type: none"> ● includes sites used as <ul style="list-style-type: none"> ○ rest stops ○ activity sites

	○ temporary or overnight shelter
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Evidence Guide

The Evidence Guide identifies the critical aspects, knowledge and skills to be demonstrated to confirm competence for this unit. This is an integral part of the assessment of competence and should be read in conjunction with the Range Statements.

<p>Critical aspects of evidence to be considered</p>	<ul style="list-style-type: none"> • Assessment must confirm sufficient knowledge of the factors influencing the selection and preparation of equipment and its use, as well as food, fluid and clothing requirements for independent participation in outdoor recreation activities • Assessment of performance should be over a minimum of three (3) different occasions covering all prescribed categories from the Range Statements that are applicable to planning for and participation in outdoor activities independently in conditions as specified in the Range Statements in a range of typical weather conditions at a range of different locations or sites • Assessment must confirm the ability to apply this knowledge and appropriate techniques to <ul style="list-style-type: none"> ○ apply knowledge of factors affecting the context in order to plan for safe participation ○ apply in-depth knowledge of equipment and clothing suitable to different contexts ○ discriminate between features of relevant equipment and clothing ○ define requirements for specific needs ○ select the most appropriate equipment, food and clothing ○ plan for contingencies ○ operate independently (as part of a group or team) in both routine and predictable non-routine situations ○ use knowledge of equipment to select and use that which is most appropriate in different contexts ○ establish and maintain in a safe manner all categories of temporary site relevant to outdoor recreation participation, minimising environmental impact ○ maintain personal physiological well-being during activities in a range of typical weather conditions
<p>Interdependent assessment of units</p>	<ul style="list-style-type: none"> • This unit must be assessed after attainment of competency in the following unit(s) <ul style="list-style-type: none"> ○ Nil • This unit must be assessed in conjunction with the following unit(s) <ul style="list-style-type: none"> ○ Nil • For the purpose of integrated assessment, this unit may be assessed in conjunction with the following unit(s) <ul style="list-style-type: none"> ○ SROOPS003B Apply weather information ○ SRONAV002B Navigate in difficult or trackless areas
<p>Required knowledge and skills</p>	<ul style="list-style-type: none"> • Required knowledge (at a level to undertake activities independently) <ul style="list-style-type: none"> ○ Minimal impact codes and practices ○ Factors that affect physiological well-being to assist in the planning of food, water and clothing ○ Factors affecting the selection of general equipment used in outdoor activities <ul style="list-style-type: none"> ▪ advantages ▪ disadvantages ▪ construction features ▪ cost ▪ ability to repair

	<ul style="list-style-type: none"> ○ Dietary requirements when participating in outdoor activities, and the types of food which can supply these requirements ○ Types of food available to suit activity constraints ○ Types of cooking apparatus available for use in outdoor activities, their advantages and disadvantages ○ Clothing requirements for outdoor activities and general principles affecting clothing selection, eg, layering principle, protective clothing ○ Hazard identification in order to develop and apply risk minimisation strategies ○ General land management and legislative requirements which may apply to participation in outdoor activities ○ Use of general equipment in an outdoor recreation context <ul style="list-style-type: none"> ▪ torches ▪ tents ▪ backpacks ▪ water bottles ○ Water purification methods and equipment ○ Effects of weather conditions on performance and requirements ○ Contents for first aid kits used in outdoor activities ○ Communication techniques used in outdoor activities ● Required skills (at a level to undertake activities independently) <ul style="list-style-type: none"> ○ Food preparation in a hygienic manner in an outdoor environment ○ Cooking on fires/fuel stoves ○ Communication strategies in an outdoor activity and use of communication equipment
Resource implications	<ul style="list-style-type: none"> ● Physical resources - assessment of this unit of competency requires access to <ul style="list-style-type: none"> ○ a range of general outdoor equipment, eg, tents, stoves, torches ○ a range of types of general outdoor clothing, eg, raincoats, footwear, jackets ○ associated resources and information on typical outdoor activity locations/venues and clothing ● Human resources - assessment of this unit of competency will require human resources consistent with those outlined in the Assessment Guidelines. That is, assessors (or persons within the assessment team) must <ul style="list-style-type: none"> ○ be competent in this unit but preferably be competent in the unit at the level above, i.e., SROODR003A ○ be competent, as a minimum, in the units SRXFAD001A, SRXRIK001A and SRXEMR001A to ensure adequate risk management during the assessment ○ be current in their knowledge and understanding of the industry through provision of evidence of professional activity in the relevant area ○ have attained the mandatory competency requirements for assessors under the Australian Quality Training Framework (AQTF) as specified in Standard 7.3 of the <i>Standards for Registered Training Organisations</i>
Consistency in performance	<ul style="list-style-type: none"> ● Due to issues such as variations in contextual issues, this unit of competency must be assessed over a minimum of three (3) different occasions in order to ensure consistency of performance over the Range Statements and contexts applicable to applying general principles

	of independent participation in outdoor activities
Context for assessment	<ul style="list-style-type: none">• For valid and reliable assessment this unit of competency must be assessed in the context of participation in a real outdoor recreation activity• Assessment of this unit of competence will usually include observation of processes and procedures, oral and/or written questioning on required knowledge and skills and consideration of required attitudes• Where performance is not directly observed and/or is required to be demonstrated over a 'period of time' and/or in a 'number of locations', any evidence should be authenticated by colleagues, supervisors, clients or other appropriate persons

KEY COMPETENCIES						
Collect, Analyse & Organise Information	Communicate Ideas & Information	Plan & Organise Activities	Work with Others & in Teams	Use Mathematical Ideas & Techniques	Solve Problems	Use Technology
2	2	2	2	2	2	1
<p>These levels do not relate to the Australian Qualifications Framework. They relate to the seven areas of generic competency that underpin effective workplace practices.</p> <p>The three levels of performance (1, 2 and 3) denote the level of competency required to perform the task:</p> <ol style="list-style-type: none"> 1. Use routine approaches 2. Select from routine approaches 3. Establish new approaches <ul style="list-style-type: none"> • Collecting, analysing and organising information - Evaluating possible activity sites/locations to determine the most appropriate within the particular contextual issues • Communicating ideas and information - Liaising with land managers in order to comply with statutory requirements • Planning and organising activities - Planning equipment needs, sources of equipment and most appropriate equipment for the site/location • Working with teams and others - Planning and organising group equipment requirements • Using mathematical ideas and techniques - Calculating food and water requirements • Solving problems - Selecting equipment and clothing which meets activity constraints (eg, weight constraints) but which adequately maintains physiological well-being • Using technology - Using technology to access information about activity sites/locations <p>Please refer to the Assessment Guidelines for advice on how to use the Key Competencies.</p>						