

<b>Title</b>	<b>Demonstrate bush-walking knowledge and skills</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>This unit standard is primarily intended for people such as club or youth group leaders, teachers, or leaders at an outdoor activity centre who provide bush-walking experiences.</p> <p>People credited with this unit standard are able to: describe bush-walking equipment available in New Zealand; prepare for bush-walking; demonstrate bush-walking skills; demonstrate use of maps and compasses when bush-walking; demonstrate stream crossing skills when bush-walking; and demonstrate knowledge of survival skills required if lost or stranded in the bush.</p>
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<b>Classification</b>	Outdoor Recreation > Tramping
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<b>Available grade</b>	Achieved
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**Explanatory notes**

1 Definitions

*Bush-walking* refers to bush walks that:

are on formed and marked tracks

are in open or bush terrain

may extend to the bushline

could extend beyond the bushline for short distances in favourable weather conditions

are in front country or easily accessible terrain

are not in terrain with remote or unscheduled boat access, lengthy vehicle access along unsealed or 4WD roads, and terrain that is accessed from a remote accommodation base.

*Current industry practice* refers to practices promoted through industry national forums, newsletters, and assessments and which are generally accepted by experienced practitioners as safe and relevant. These will be consistent with any applicable regulatory requirements and/or manufacturer’s recommendations. Applicable regulatory requirements and manufacturer’s recommendations may be specified in performance criteria where required for particular emphasis.

*Minor unbridged stream* refers to a stream that represents little or no risk on crossing and, typically, has some of the following characteristics: can be stepped across, ankle deep water or less, slow moving.

*Organisational requirements* refer to policy and procedures of the outdoor activities organisation, and include compliance with any applicable legislation, standards, and codes.

- 2 For assessment purposes, the candidate's behaviour must demonstrate environmental care and consideration of other walkers and users of the area, consistent with the NZAC Code of Conduct, the Environmental Care Code, and current industry practice.
- 3 The following legislation and code are relevant to this unit standard:  
Health and Safety in Employment Act 1992;  
Injury Prevention, Rehabilitation, and Compensation Act 2001;  
New Zealand Environmental Care Code, *Department of Conservation*, available at <http://www.doc.govt.nz>.

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## Outcomes and evidence requirements

### Outcome 1

Describe bush-walking equipment available in New Zealand.

#### Evidence requirements

- 1.1 Bush-walking equipment available in New Zealand is described in accordance with manufacturer's recommendations and current industry practice.

Range equipment includes but is not limited to – clothing, rainwear, footwear, backpack, navigation aids, emergency equipment (torch, first aid kit, whistle, spare clothing, emergency shelter), communication devices;  
description includes but is not limited to – use, care, characteristics.

### Outcome 2

Prepare for bush-walking.

#### Evidence requirements

- 2.1 Equipment is selected and justified based on the chosen route, environmental conditions, and own needs.

Range equipment includes but is not limited to – clothing, rainwear, footwear, backpack, navigation aids, emergency equipment (torch, first aid kit, whistle, spare clothing, emergency shelter), communication devices.

- 2.2 Equipment safety checks are carried out in accordance with manufacturer's recommendations and current industry practice.

- 2.3 Selection of a bush-walk is justified in terms of own skill, fitness, experience, and mental preparedness.

2.4 Bush-walk route is planned in accordance with current industry practice.

Range plan includes but is not limited to – distance and time calculations, alternative emergency route, avoidance of unbridged river crossings, use of a 1:50,000 topographical map.

### **Outcome 3**

Demonstrate bush-walking skills.

#### **Evidence requirements**

3.1 Bush-walking skills are demonstrated to enable unhindered group participation.

3.2 Packing of personal and group equipment for a bush-walk experience is demonstrated in accordance with current industry practice.

3.3 During rest stops personal and group equipment is managed to minimise delays on a bush-walking route.

### **Outcome 4**

Demonstrate use of maps and compasses when bush-walking.

#### **Evidence requirements**

4.1 Maps are explained in terms of scales, symbols, contours and features.

Range includes but is not limited to – 1:50,000 topographical map, track map, park map.

4.2 Location awareness on a marked track is demonstrated using a map appropriate to the intended bush walking route.

4.3 Map is oriented to the ground in accordance with current industry practice.

Range includes but is not limited to – using natural features, using a compass.

4.4 Natural features are used to determine position on a map in accordance with current industry practice.

4.5 Six-figure grid reference plus map numbering is used to describe location in accordance with current industry practice.

4.6 Navigation to a specific point is demonstrated using a map in accordance with current industry practice.

4.7 Factors that impact on the time taken to get from one point to another are identified in relation to a bush-walk.

Range factors may include but are not limited to – bridges, uphill, rest stops, size of group, injury.

4.8 The time taken to walk from a given point to another in a variety of tracked terrain is estimated and any variance with actual time taken is explained.

**Outcome 5**

Demonstrate stream crossing skills when bush-walking.

**Evidence requirements**

5.1 The risks associated with stream crossings are described in accordance with current industry practice.

5.2 Safe techniques for crossing minor un-bridged streams are demonstrated in accordance with current industry practice.

5.3 Factors that determine when not to cross a minor un-bridged stream are identified in accordance with current industry practice.

**Outcome 6**

Demonstrate knowledge of survival skills required if lost or stranded in the bush.

**Evidence requirements**

6.1 Strategies to maintain own well-being if lost or stranded in the bush are described in accordance with current industry practice.

6.2 Actions to help searchers locate self if lost or stranded are described in accordance with current industry practice.

Range actions include but are not limited to – communications, signals, positioning.

6.3 Construction of an emergency shelter in the bush is demonstrated in accordance with current industry practice.

Range construction includes but is not limited to – emergency shelter carried with the group, enhancing natural features, position relative to prevailing weather.

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<b>Planned review date</b>	31 December 2015
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	20 August 2010	N/A

<b>Accreditation and Moderation Action Plan (AMAP) reference</b>	0099
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This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Please note**

Providers must be granted consent to assess against standards (accredited) by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Consent requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

**Comments on this unit standard**

Please contact Skills Active Aotearoa Limited [info@skillsactive.org.nz](mailto:info@skillsactive.org.nz) if you wish to suggest changes to the content of this unit standard.