

Title	Demonstrate knowledge of weather patterns, survival skills and navigation in the outdoors		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to: describe primary weather patterns in New Zealand; demonstrate knowledge of survival skills in the outdoors; and demonstrate knowledge of navigation.
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Classification	Outdoor Recreation > Outdoor Management
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Available grade	Achieved
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Guidance Information

- 1 All learning and assessment within this standard must be carried out in accordance with the following as relevant:
 - Te Tiriti o Waitangi/Treaty of Waitangi principles of partnership, protection and participation;
 - relevant legislation including Health and Safety at Work Act 2015, Health and Safety at Work (Adventure Activities) Regulations 2016, Privacy Act 2020, Children’s Act 2014 and Human Rights Act 1993, and all subsequent amendments and associated regulations;
 - *The New Zealand Curriculum* and/or *Te Marautanga o Aotearoa*; EOTC Guidelines – Bringing the Curriculum Alive 2016;
 - industry guidelines, including any relevant Good Practice Guide, in particular Map Based Activities, found at <http://www.supportadventure.co.nz/good-practice/good-practice-guidelines/> and Activity Specific Guidelines, found at <http://www.supportadventure.co.nz/good-practice/activity-safety-guidelines-2/>;
 - industry codes such as the Mountain Safety Council Land Safety Code, available from <https://www.mountainsafety.org.nz/land-safety-code/> and Leave No Trace principles and relevant Care codes, all available from <https://www.doc.govt.nz/parks-and-recreation/know-before-you-go/care-codes/>, and any relevant activity specific industry codes;
 - a Safety Management System (SMS) including organisational policies and procedures covering risk management, incident and emergency response, and the use of personal protective equipment (PPE);
 - current industry good practice.

- 2 Definition

Current industry good practice means the range of actions currently accepted within the adventure and outdoor sector to manage the risk of harm to staff, participants, and others.

Outcomes and performance criteria

Outcome 1

Describe primary weather patterns in New Zealand.

Performance criteria

- 1.1 Describe the effects of wind direction, wind speed, altitude and geography on temperature in the outdoors.
- 1.2 Describe local weather patterns including location variances and potential impact on outdoor activity.

Outcome 2

Demonstrate knowledge of survival skills in the outdoors.

Performance criteria

- 2.1 Justify the contents of a personal survival kit.
 - Range items to assist with fire lighting and shelter building, signal devices.
- 2.2 Construct an emergency fire using survival kit contents and materials gathered on location.
- 2.3 Explain actions lost people can take to assist search and rescue operations.

Outcome 3

Demonstrate knowledge of navigation.

Performance criteria

- 3.1 Explain the difference between magnetic and grid bearings for the purposes of navigation in the outdoors.
- 3.2 Use a map and compass.
 - Range orientate a map, take a bearing, follow a bearing, aiming off.
- 3.3 Describe two different modern navigational tools.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 October 2021	N/A

Consent and Moderation Requirements (CMR) reference	0099
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Skills Active Aotearoa info@skillsactive.org.nz if you wish to suggest changes to the content of this unit standard.