

<b>Title</b>	<b>Instruct in horizontal caving</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>20</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare for instructing horizontal caving trips; teach skills, demonstrate instruction techniques, and provide leadership for caving trips; and evaluate the effectiveness of the instruction and leadership provided.
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<b>Classification</b>	Outdoor Recreation > Caving
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	Unit 424, <i>Administer first aid in the outdoors</i> ; Unit 427, <i>Cross rivers</i> ; Unit 431, <i>Navigate in good visibility on land</i> ; Unit 451, <i>Manage risk for an outdoor activity</i> ; Unit 6401, <i>Provide first aid</i> ; Unit 20143, <i>Demonstrate basic knowledge of theories associated with instruction and guiding in the outdoors</i> ; Unit 20159, <i>Access and compare weather information for outdoor recreation</i> ; Unit 20160, <i>Demonstrate knowledge of weather processes and their effects on outdoor recreation in New Zealand</i> ; and Unit 20822, <i>Rig and operate handlines, ladders, and belay systems with safety in caves</i> ; or demonstrate equivalent knowledge and skills.
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### Guidance Information

- 1 For assessment purposes 20 caving trips, each taking a minimum of four hours and/or 1 days caving, are required.
- 2 Instruction in horizontal caving will take place in a caving environment; however, performance criterion 2.1 be assessed against at instructional facilities.
- 3 All activities must comply with any relevant environmental, legislative and/or regulatory requirements set out in the *New Zealand Environmental Care Code*, Health and Safety in Employment Act 1992, Injury Prevention, Rehabilitation, and Compensation Act 2001, and their subsequent amendments. The *New Zealand Environmental Care Code* is available from the Department of Conservation, Head Office, PO Box 10420, Wellington.
- 4 Before a candidate can be assessed against this unit standard they need to have logged a minimum 20 days of personal experience and in addition a minimum of 10 days of instructional experience. When gaining instructional experience, the

candidate is engaged in the role of instructor but has no responsibility for clients, although is responsible for self.

- 5 There are minimum assessor requirements for assessment against this unit standard. The details of these requirements are available on the Skills Active Aotearoa website [www.skillsactive.org.nz](http://www.skillsactive.org.nz).

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## Outcomes and performance criteria

### Outcome 1

Prepare for instructing in horizontal cave trips.

### Performance criteria

- 1.1 The instructional objectives and requirements are identified.
- 1.2 Trips are selected and their selection justified based on the objectives to be achieved and the make up of the group.
- Range group make up may include but is not limited to – age, culture, gender, health, ability, confidence, experience, emotional and intellectual needs, group size, skills to be taught.
- 1.3 Trips are selected and their selection justified based on conserving the environment.
- Range choice of cave, vulnerability of the cave, route selection (eg stream way versus dry levels), group size, group experience, light sources.
- 1.4 Trip plans are prepared.
- Range plans may include but are not limited to – accommodation, cost, access, weather, risk management, transport, equipment, food, contingencies, communication, personal details, intentions, resources.
- 1.5 Pre-trip briefs for participants, staff, and other interested parties are prepared.
- Range briefs may include but are not limited to – responsibilities, expectations, personal requirements, logistics.
- 1.6 Instruction plans are prepared to meet the learning objectives, taking into consideration the needs of the group and people, equipment, and environment issues.
- Range plans may include but are not limited to – content, progressions, resources, environmental factors, contingencies, current professional technical information, balance of theory and practical components, retaining a positive learning experience.

1.7 Evaluation methods and requirements are identified.

## Outcome 2

Teach skills for horizontal caving trips.

### Performance criteria

2.1 Instruction on different cave environments is provided.

Range cave evolution, speleothems, fauna, flora at the cave entrance, fossils, sediment deposits, climate and energy processes.

2.2 Instruction in cave trip management is provided.

Range conservation plan, intentions, respect for cave access, hazard identification and management, group and personal equipment, emergencies.

2.3 Caving technique instruction is given.

Range knots, care of environment, efficient and safe movement, climbing and squeezing techniques, use of traverse and handlines, communication, body belay, ladder climbing, abseiling.

2.4 Cave navigation skill instruction is given.

Range cave maps, navigational aids.

2.5 Instruction is given in the rigging and operation of handlines, ladder, and belay systems.

Range sites are identified, anchor selection, knots, selection of appropriate belay systems, rigging, safe operation, communication, locking off.

2.6 Rescue technique instruction is given.

Range assisted hoist, lowering off a belay system, potential problems are identified.

2.7 Instruction is given on the care of equipment.

Range manufacturer's recommendations, deterioration, retirement, maintenance, storage.

**Outcome 3**

Demonstrate instruction techniques for horizontal caving.

**Performance criteria**

3.1 Instruction skills and techniques are demonstrated that are relevant to the needs of the group and enable them to achieve the skills.

Range skills and techniques may include but are not limited to – different teaching styles, teaching progressions, checking for individual understanding after presenting skill progressions, adapting plans to suit needs, responsiveness to group dynamics, maintaining a positive environment;  
needs may include but are not limited to – individual's initial skill and understanding, different learning speeds, different learning styles, different communication styles.

3.2 Rapport and/or a learning partnership is effectively established with the cavers.

3.3 Progress of each caver is evaluated and accurate feedback is delivered in a manner that matches the needs and learning styles of each caver.

Range may include but is not limited to – constructive, timely, oral, visual.

**Outcome 4**

Provide leadership for horizontal caving trips.

**Performance criteria**

4.1 Leadership is demonstrated that ensures the needs of the group are met in a safe and positive environment throughout the caving trips.

Range may include but is not limited to – navigation, weather interpretation, river crossings, first aid, environmental care, group processes, communication, motivation, enthusiasm, role modelling.

4.2 Risk management is demonstrated.

Range may include but is not limited to – water hazards, cold, fatigue, loose terrain, restricted spaces, slippery surfaces, group and leader positioning, instructor awareness, safe zones, communication.

4.3 Emergency management is explained.

Range lost party member, hypothermia, injured caver, overdue party, flooding, entrapment.

4.4 Cave search and rescue is explained.

Range initiating a call out, field/underground controller, timeframes (delays in rescue), personnel, communication.

### Outcome 5

Evaluate the effectiveness of the instruction and leadership provided.

### Performance criteria

5.1 The plans and objectives are evaluated against actual outcomes and reasons for changes are provided and justified.

5.2 The instructional and leadership components of the caving trips are evaluated for strengths and areas for improvement.

<b>Replacement information</b>	<p>This unit standard was replaced by unit standard 30671.</p> <p>This unit standard and unit standard 20132 replaced unit standard 14218.</p>
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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	29 October 2004	31 December 2021
Review	2	23 November 2017	31 December 2021

<b>Consent and Moderation Requirements (CMR) reference</b>	0102
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.