

40758 Perform conservation activities in a team environment

Kaupae Level	2
Whiwhinga Credit	8
Whāinga Purpose	<p>Ākonga/learners credited with this standard will be able to perform conservation activities and basic monitoring and data collection in a team environment under supervision. They will be able to apply knowledge of concepts of kaitiakitanga and conservation principles in Aotearoa.</p> <p>This skill standard is for ākonga/learners who want to gain skills and knowledge for entry-level roles in conservation in Aotearoa.</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Describe conservation principles and practices in terms of a planned conservation activity.	a. Explain the conservation principles in terms of the conservation activity.
	b. Describe practices used in the conservation activity that help restore or maintain the mauri of Te Taiao.
2. Perform a conservation activity in a team.	a. Perform a conservation activity in a team as directed.
	b. Use tools and equipment safely and correctly.
	c. Care for tools and equipment.
3. Perform a basic monitoring technique and collect data in a team.	a. Describe the purpose of the monitoring method and steps to be undertaken.
	b. Apply the monitoring technique in a team as directed.
	c. Record collected data clearly and accurately.
	d. Report team findings to supervisor.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
4. Demonstrate kaitiakitanga in a conservation activity.	a. Apply tikanga and kawa of local iwi or hapū while carrying out a conservation activity in a team.
	b. Demonstrate care for the mauri of natural resources while carrying out a conservation activity.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

This skill standard must be assessed during a team conservation activity under supervision. Supervisors must work from a set of field instructions including equipment needed for the conservation activity. The activity must be complex enough to allow the application of a monitoring technique and data collection alongside the conservation activity.

Ākonga/learners must follow health, safety, and environmental protocols throughout conservation and monitoring activities, handling equipment responsibly and minimising disturbance to the environment.

Assessment criteria are carried out in accordance with organisational health and safety requirements, and assessment evidence must reflect industry practice.

Appropriate PPE may include:

- Helmets
- Safety boots
- Gloves
- High-visibility clothing
- Eye protection

Definitions

- Kaitiakitanga in this standard refers to:
 - Tikanga Māori practices for safety, including wāhi tapu (sacred sites) and culturally appropriate practices during conservation activities.
 - Accidental Archaeological Discovery Protocols for encountering archaeological remains.
- Tikanga refers to practices and values from mātauranga Māori including wāhi tapu (sacred sites) and culturally appropriate practices during conservation activities.
- Kawa refers to protocol or customs particularly relating to marae protocol.
- Demonstrating respect for the mauri of natural resources in this standard may include minimising impact on the environment, handling flora and fauna with care, using equipment responsibly and reflecting on personal impact on the environment.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content**Tools and Equipment**

- Safe handling techniques and any specific usage guidelines.
- Basic maintenance tasks on tools and equipment, such as cleaning, storing, or inspecting for damage, ensuring items are left in good condition for future use.

Conservation Activities

- Planting and ecosystem restoration and revegetation: Planting native plants, shrubs, and trees in targeted areas to restore ecosystem.
- Pest, (animal, plant) control or monitoring e.g. setting traps, checking monitoring tunnels, removing invasive plant species from ecosystems.
- Waterway and wetlands monitoring.
- Track or trail maintenance.
- Maintenance of historic artefacts.

Monitoring Techniques and Data Collection

- Simple vegetation surveys.
- Water quality testing (e.g. freshwater streams).
- Bird counts and identification (e.g., 5-minute bird count).
- Pest and predator tracking (e.g., chew cards, trail camera monitoring).
- Simple weather and climate monitoring.
- Litter and pollution surveys.

Rauemi | Resources

All learning and assessment within this skill standard must be carried out in accordance with the following:

- Legislation including [Conservation Act 1987](#), [National Parks Act 1980](#), [Reserves Act 1977](#), [Health and Safety at Work \(HSW\) Act 2015](#), [Health and Safety at Work \(Hazardous Substances\) Regulations 2017](#).
- WorkSafe New Zealand: Health and safety guidance for working in outdoor environments, including the safe use of equipment and management of environmental risks.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Toi Mai Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Sciences > Environment > Ecological Management

Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0099
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Hātepe Process	Putanga Version	Rā whakaputa Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhītatanga Registration	1	TBC	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	TBC 5 years from listing		

Please contact Toi Mai at qualifications@toimai.nz to suggest changes to the content of this skill standard.