

40885**Carry out a conservation activity**

Kaupae Level	3
Whiwhinga Credit	15
Whāinga Purpose	Ākonga/learners credited with this standard will be able to carry out practical and technical skills in a conservation activity as part of a team. They will be able to apply kaitiakitanga practices in conservation activities in Aotearoa New Zealand. This skill standard is for ākonga/learners who want to gain the skills and knowledge for general and team roles in conservation in Aotearoa New Zealand.

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Prepare for a conservation activity as part of a team.	a. Select navigation tools (GPS, map and compass) to use within the activity.
	b. Create a set of field instructions, including a list of equipment needed for the conservation activity.
	c. Organise and pack tools and equipment ready for the activity.
	d. Interpret and follow relevant health and safety procedures, including local tikanga and kawa for a conservation activity.
2. Identify control methods for the conservation activity.	a. Define the pest (plant or animal) issue.
	b. Identify appropriate control methods, based on best practice.
	c. Describe the site for the conservation activity in relation to control methods.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
3. Select appropriate control methods, technology and data collection techniques for a conservation activity.	a. Evaluate and select options for pest (plant or animal) control methods.
	b. Select a technical system and method, including selecting best practice for use to support a conservation activity.
	c. Discuss different options for data collection and select the most appropriate option for the conservation activity.
4. Carry out a conservation activity using selected technical system and method consistent with best practice.	a. Implement the selected control method, using the appropriate equipment.
	b. Collect data for pest control results using an appropriate data collection technique.
	c. Participate in team reflection on the conservation activity.
	d. Identify any areas for improvements in carrying out the activity.
5. Record basic details of daily work, including location and data collection.	a. Complete standard data collection templates, apps and/or diaries.
	b. Store results in the correct format.
6. Complete self-reflection on the use of health and safety procedures including local tikanga and kawa practices in a conservation activity.	a. Describe a range of local tikanga and kawa practices for carrying out the conservation activity.
	b. Review the health and safety procedures and the local tikanga and kawa used in the 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 implementation of control methods and data collection using best practice alongside the conservation activity.

Ākonga/learners will be assessed carrying out the activities in a team and 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 means the sustainable custodial treatment of the environment in accordance with the tikanga and kawa of local iwi or hapū.

Kawa refers to protocol or customs particularly relating to marae protocol.

Tikanga refers to practices and values from mātauranga Māori including wāhi tapu (sacred sites) and culturally appropriate practices during conservation activities.

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.
- GPS use in the field in relation to the conservation activity.
- Waypoints to mark specific locations for animal traps and/or plant sites.
- Navigation to waypoints, and tracklog.
- Compass use by understanding magnetic directions (not true north).
- Device selection for the conservation activity.
- Operational Health and Safety plan.

Control Methods and Data Collection

- Invasive weed control methods and selection of the best method for the chosen conservation activity.
- Invasive animal control methods and selection of the best method for the chosen conservation activity.
- Data sheets, TrapNZ, Spray Diaries, Field Maps app.
- Task specifications and creation of field instructions.
- Data collection and record keeping.
- Reflection review process.

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. [Home | WorkSafe](#).
- Worksafe New Zealand: Activity Safety Guidelines [Adventure and outdoor recreation activities – managing the risks from natural hazards | WorkSafe](#).
- Industry Codes including the Land Safety Code <https://www.adventuresmart.nz/land/the-land-safety-code>, and Leave No Trace principles <https://leavenotrace.org.nz>.
- A recognised and approved safety management system including organisational policies and procedures including Emergency Action Plans (EAPs), Standard Operating Procedures (SOPs), incident response management plans and the use of personal protective equipment (PPE).
- Relevant industry publications and current industry good practice.

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

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	25 September 2025	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2030		

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