



Position description

Kaitātari Raraunga Māori—Data Analyst Māori

**Te Rautaki a te Rangahau Mātauranga o
Aotearoa 2025-2029**

NZCER Strategy 2025–2029

Te Matakite

He reo hautū mō te mātauranga i Aotearoa, e whakaumu nei i te rangahau, i ngā kaupapa here, me ngā tikanga whakaako kia puta ai he hua tautika, kairangi hoki mō ō tātou whānau me ō tātou hapori.

Te Whāinga

E noho ana Te Tiriti o Waitangi me Te Ture o te Rangahau Mātauranga 1972, hei pou here mō te Rangahau Mātauranga o Aotearoa. Ko tāna he tuituhi tahi i te mātauranga Māori me ngā pūnaha mātauranga matahuhua, hei whakamārama, hei whakaawe, hei hora hoki i ngā rangahau, i ngā rauemi me ngā ratonga kounga tiketike. Ka horaina e mātou he māramatanga, he tūtohu i takea mai i te rangahau hei whakapiki i ngā kaupapa here me ngā tikanga mahi o te mātauranga, hei tautoko i ngā mahi whakaako, me te ako, hei whakatairanga hoki i te toiora o ngā ākonga, o ngā whānau me ngā hapori.

Vision

A leading voice for education in Aotearoa, transforming research, policy, and teaching practice to realise equitable and excellent outcomes for learners, whānau, and communities.

Purpose

Guided by Te Tiriti o Waitangi and the New Zealand Council for Educational Research Act 1972, NZCER weaves together mātauranga Māori and diverse knowledge systems to inform, influence, and deliver high-quality research, resources, and services. We provide research-informed insights and recommendations that enhance educational policy and practice, support teaching and learning, and promote the wellbeing of learners, whānau and communities.

Te Tiriti o Waitangi

E noho ana Te Tiriti o Waitangi (1840) hei kaupapa mō te mahi a te Rangahau Mātauranga o Aotearoa.

E noho ana Te Tiriti o Waitangi, he mea waitohu e ngāi Māori me te Karauna, hei kahupapa mō ā mātou mahi i te Rangahau Mātauranga o Aotearoa. E ū ana mātou ki te hāpai i ngā haepapa o te kāwanatanga me te tino rangatiratanga i roto i te rāngai mātauranga.

Ngā Uara

Our values shape our culture and what we care about.

Te Tika—e mahi ana mātou i ngā mea e tika ana mā te piri ki ngā tikanga rangatira, ki te tōtika, me ngā uara e puritia ana e te katoa

Te Pono—ka kōrero mātou i te pono, ka whai i te pono, ā, ka whiria ngā tirohanga katoa

Te Whanaungatanga—he mea hira ki a mātou ngā hononga, me ngā pātuitanga tauawhiawhi

Te Manaakitanga—ka whakarangatira mātou i ētahi atu me te manaaki, te tiaki hoki i a rātou

Te Ako—e piri ana mātou i te kī, kāore he mutunga o tēnei mea te ako.

Ngā whakaarotau rautaki

Mā ā mātou whakaarotau rautaki ka tutuki tō mātou kaupapa. Ka whakamāramatia e mātou

Te Tiriti o Waitangi

Te Tiriti o Waitangi (1840) underpins the work of Te Rangahau Mātauranga o Aotearoa | NZCER.

Te Tiriti o Waitangi, signed between Māori and the Crown, underpins our work at NZCER. We are committed to upholding the relational responsibilities both of kāwanatanga and of tino rangatiratanga within the education sector.

Values

Hei tārai ō tātou uara i tō tātou ahurea me ngā mea nunui ki a tātou.

Tika—we do what is right by acting with integrity, fairness, and shared values

Pono—we are honest, seek truth, and consider all perspectives

Whanaungatanga—we value relationships and reciprocal partnerships

Manaakitanga—we respect others and treat them with generosity and care

Ako—we nurture a culture of ongoing learning

Strategic priorities

Our strategic priorities help us achieve our purpose. We describe our position,

tō mātou tū, tō mātou arotahi rautaki, me tō mātou tū i roto i ia whakaarotau rautaki, o ngā mea e rima.

Te whakapiki i te tautika i roto i te mātauranga

Ka noho ngā awhero mātauranga o te iwi

Māori hei puna mō ā mātou mahi

Te whakapakari i te aromatawai mō te ako

Te tō mai i te mātauranga iwi taketake ki waenga pū i te mātauranga

Te whakaumu i te mātauranga i tētahi ao hou

strategic focus, and our approach in each of the five priorities.

Improving equity in education

Māori educational aspirations anchor our work

Strengthening aromatawai and assessment for learning

Centring Indigenous knowledge in education

Transforming education in a changing world

The full NZCER strategy is available on our website: <https://www.nzcer.org.nz/about-nzcer/corporate-documents>

Purpose of role

The Kaitātari Raraunga Māori—Data Analyst Māori will play a key role in supporting psychometric, research, and statistical projects by providing high-quality data analysis, data management, programming, and data visualisation support. This role primarily involves contributing to large and/or complex kaupapa Māori and Māori focussed projects, providing advice to national organisations, and contributing to national education discussions, policy and practice. They may also lead projects or components of projects. This work aims to facilitate and contribute to transformational educational change that benefits Māori.

Key accountabilities

- Carry out quantitative analyses for kaupapa Māori and Māori-led projects including data cleaning, data management, data analysis, and reporting.
- Plan and conduct statistical analyses with guidance from a statistician, psychometrician, or researcher.
- Lead quantitative components of research and assessment projects.
- Contribute to thinking about quantitative practice across NZCER and identify areas for innovation and improvement.
- Demonstrate sustained engagement with psychometric approaches and deepen psychometric analysis abilities over time.
- Contribute to the development of instruments, tools, and resources with a statistical focus.
- Write technical reports to describe the development process and measurement properties of research and resources.
- Contribute to measurement practices to construct scales that underpin the validity of research outputs.
- Contribute to drafting and refining proposals to secure research funding for kaupapa Māori and Māori-led projects.
- Design and program graphical reports to clearly communicate results to a range of clients, including kura, kaiako and ākonga.
- Contribute to education discussions, policy, and practice by providing advice and recommendations.
- Contribute to client and stakeholder relationships.

Knowledge, skills and abilities

A Kaitātari Raraunga Māori—Data Analyst Māori will have the following knowledge, skills and abilities:

- A Bachelor's degree or higher with a quantitative focus, e.g., statistics, computer science, artificial intelligence, data analytics, mathematics, etc.
- Typically, 2-3 years' experience in quantitative work, ideally with exposure to social science research.
- Knowledge and experience of computer programming, for example, expertise in the use of R or Python to manipulate data and apply modelling techniques.

- Familiarity with data visualisation, and ability to communicate insights through graphs, charts other visual formats.
- Knowledge of and experience in the Aotearoa NZ education context.
- A knowledge of te Tiriti o Waitangi, what it means, and how it applies to an education context.
- Ideally, experience working with Māori, with Māori data, and in Māori contexts or Māori-centred projects.
- Some understanding/command of te reo and tikanga Māori.
- Critical thinking and analytical skills.
- Effective communication skills
- Problem-solving skills
- Ability to work in teams
- Ability to contribute to multiple teams and across projects.

Personal attributes

At NZCER we expect our staff to behave in ways that are consistent with our values and established ways of working.

In addition, all staff must be able to demonstrate the following:

- an ability in, and a desire to improve, te reo Māori proficiency
- commitment to the principles of Te Tiriti o Waitangi and upholding mana Māori in our work
- respect for others and valuing diversity
- an orientation towards continuous improvement to systems and processes
- personal desire for ongoing learning and development
- recognition of the value of team effort; sensitivity to the needs and opinions of other team members
- a willingness to work in accordance with NZCER's Code of Conduct
- personal and professional integrity.