

# AI Framework

*For Education In*

# Aotearoa | New Zealand



Ngā Kaiako o Hangarau Matihiko Aotearoa  
DIGITAL TECHNOLOGIES TEACHERS AOTEAROA



NEW ZEALAND GRAPHICS AND  
TECHNOLOGY TEACHERS ASSOCIATION  
NGA POUAKO TOI O AOTEAROA



Teacher  
Development  
Aotearoa  
for kaiako by kaiako



NEX  
NETWORKS OF EXPERTISE



# Our Foundation

*Everything we develop is led by Te Tiriti o Waitangi*

The stakeholders and audience of this document are teachers, school leaders, senior management, students, whānau, iwi and hapu leaders, community, Ministry of Education, NZQA, Education industry. All teaching of Artificial Intelligence (AI) is to promote learner agency and a whole system approach. Likewise, all teachers need quality support to make informed decisions in integrating AI tools into their teaching, administration and organisation alongside supporting their students' learning.

This will be a living document that evolves as technology impacts on society and society impacts on technology to support all stakeholders in education to have tino rangatiratanga | self-determination in how they engage with Artificial Intelligence and other emerging technologies. These are the outcomes we hope to achieve through the principles:

- *Comprehension*
- *Competence*
- *Collaboration*
- *Compliance*
- *Customisation*
- *Confidence*
- *Creation*

The AI Framework is grounded by the 13 Principles of the privacy act and copyright law. The four pou or pillars - Manaaki, Ako, Pononga & Kaitiakitanga - are guided by Te Kāhui Raraunga, the Māori data governance model. These become a framework of statements about our selection and use of the Artificial Intelligence tool.

## Guiding Documents

Māori data governance model: Te Kāhui Raraunga:

[https://www.kahuiraraunga.io/\\_files/ugd/b8e45c\\_803c03ffe532414183afcd8b9ced10dc.pdf](https://www.kahuiraraunga.io/_files/ugd/b8e45c_803c03ffe532414183afcd8b9ced10dc.pdf)

Matatapu Principles - 13 principles of privacy act:

<https://privacy.org.nz/privacy-act-2020/privacy-principles/>

Copyright act:

<https://www.copyright.co.nz/understanding-copyright/what-is-copyright>

The Scaffolded AI Literacy (SAIL) Framework for Education:

<https://herourou.academyex.ac.nz/index.php/herourou/issue/view/911>



# Artificial Intelligence Principles

## For a New Zealand Framework

### Matatapu: The Privacy Principles from the Privacy Act

As we embrace the potential of Artificial Intelligence in education, we are guided by our commitment to building a future New Zealand that empowers all educators and learners. We navigate this moment with wisdom, security, and respect for privacy, always keeping our eyes on the distant horizon of possibility.

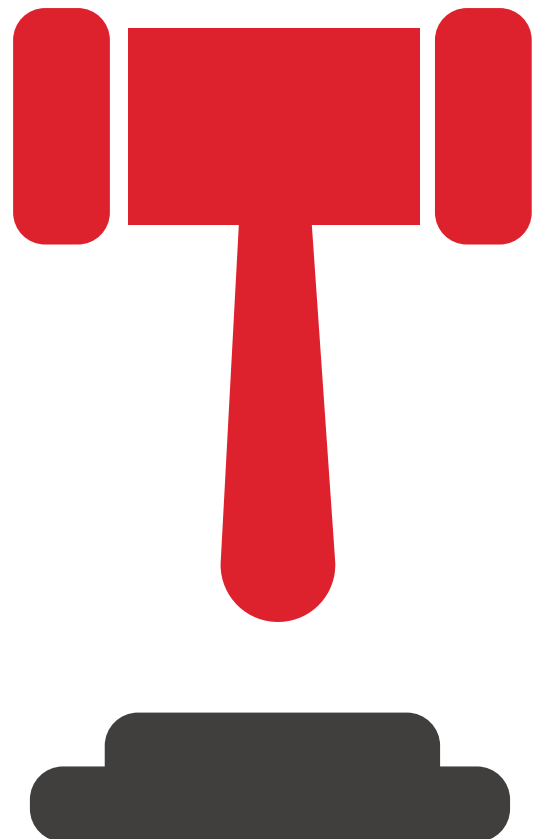
Our use of Artificial Intelligence is in alignment with the legislation established by New Zealand Law in the Privacy Act 2020

1. Purposeful collection of data,
2. Where possible the data is collected directly from person,
3. The person is aware of the data collection,
4. Data collection is lawful,
5. The Data is appropriately secured,
6. Data is accessible by the provider,
7. The data is correctable,
8. The data is accuracy/reliability,
9. Data is kept for only as long as needed - Duration of retention,
10. Data is used for the purpose it was collected for,
11. There is limited disclosure of data,
12. The data is kept in New Zealand,
13. The data has been appropriately de-identified and identifiers are removed.

### Copyright Act & Tikanga

1. Ask permission to use data.
2. Acknowledge the sources - Say where you got it from.
3. Do not alter or modify other people's works - Don't change other peoples stuff.

<https://www.tki.org.nz/Copyright-in-schools/Guidelines-for-schools/For-students/Using-other-people-s-stuff>



# Manaaki *(Support & Care)*

- **Ethical & Moral**

Our use of Artificial Intelligence will be ethically and morally appropriate.

- **Mana Enhancing**

Our use of AI is mana enhancing and intolerant of bias.

- **Equitable**

Our use of AI is equitable. All akonga and kaiako have equal access.

- **Equality & Inclusion**

Our use of AI supports diversity, inclusivity, equality and mutual respect for all.

- **Valuing Different Perspectives**

Our use of AI values different perspectives on how we use AI.



- **Supportive & Respectful**

Our use of AI is supportive of diversity and respectful of differences.

- **Purposeful**

Our use of AI is for appropriate and purposeful action (for example data heavy tasks, workflows, used as augmented intelligence to support decisions).

- **Purposeful Use**

Our educational use of AI is purposeful and deliberate.

- **Agile**

We have taken an Agile response to use of AI and emerging AI. We understand the rapid evolution of these products.

- **Encompassing**

A whole curriculum approach is taken to the use of AI.



- **Reflective Practice**

AI's are evolving. We are reflective of our use of AI and there is continuous improvement in the use of AI, processes and the AI's themselves.

- **Collaborative**

Our use of AI and the pedagogical practice we apply to AI supports collaborative learning.

- **Innovation**

We are innovative and explorative in our use of AI.

- **Critical Thinking**

We are critical and questioning in our use of AI and the results we receive. We validate the outcomes of our stimulus.

- **Evidence Guided**

Our use of AI is evidence guided.

# Pononga

*(Honesty, Truthful,  
& Transparent)*



- **Legal**

Our use of AI meets the demands of our laws and tikanga. Including privacy and copyright acts.

- **Accountable**

We are accountable and responsible for our use of AI and what we share as individuals, hapu, groups, iwi, Kura, communities, and organizations.

- **Integrity**

Our current and evolving use of AI has integrity and is based on aroha.

- **Empowerment**

Our use of AI is to empower and enable all akonga and kaiako.

- **Transparency**

We have transparency in all of our use of AI, from the stems we develop to our disclosure of use.

# Kaitiakitanga *(Guardianship)*

- **Awareness**

We are aware of the risks and opportunities and consider these.

- **Eliminate Bias**

We are secure in our use of data ensuring that inherited and imported bias does not lead to flawed decisions.

- **Academic Integrity**

We maintain academic integrity by transparent use, clear processes and appropriate monitoring.

- **Security**

We secure and treasure our data as a taonga. We consider who else may access our data.

- **Equity**

Using AI to reduce rather than exacerbate any digital divide by aiming for widespread availability whenever appropriate.

- **Environmental Footprint**

We consider the environmental impact and cost of our use of AI

- **Data Sovereignty**

We respect and consider the origin of the data the AI relies upon. Our data is a taonga from our past and for our present and future. Our sharing and use of our data reflects this.

- **Cultural Sustainability**

Our use of AI sustains cultures, languages and supports diversity, creating a voice to be heard.



# Acknowledgement

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