AI & Education:

Schools, Pathways, and Practice

Ministry of Education | ChristchurchNZ

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Stephen McConnachie

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Think e-Learning

Ko wai au?

Stephen McConnachie
Managing Director | Think e-Learning

What would your school look like if it embraced AI?

...to build critical thinking, reduce friction,
deepen learning,

...while preserving your school values, honouring Te Tiriti,
remaining people-centered,

...with stronger relationships and stronger learning?

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How will learners use AI if we're not intentional?

What have you already observed?

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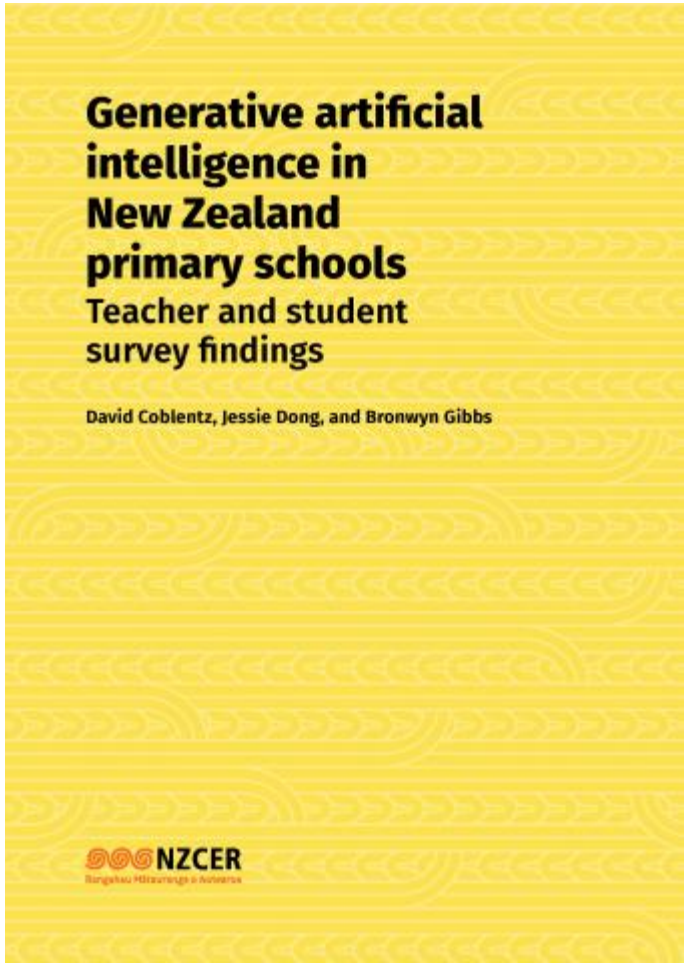
AI in Aotearoa schools

Generative artificial intelligence in Aotearoa NZ primary schools | NZCER



What does good look like?

What does the research say? What have others found?

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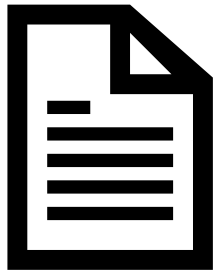
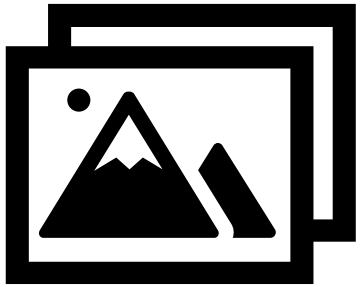
MOE Guidance

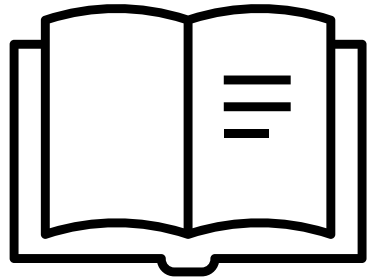
thinkelearning.link/moe-ai

Pedagogy with AI

Best Practice

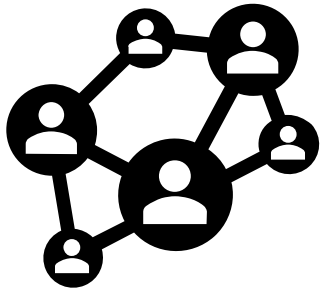






Is it worthwhile?

...and what does that even mean?



PICRAT | What are students doing?

- Passive – receiving
- Interactive – responding
- Creative – making

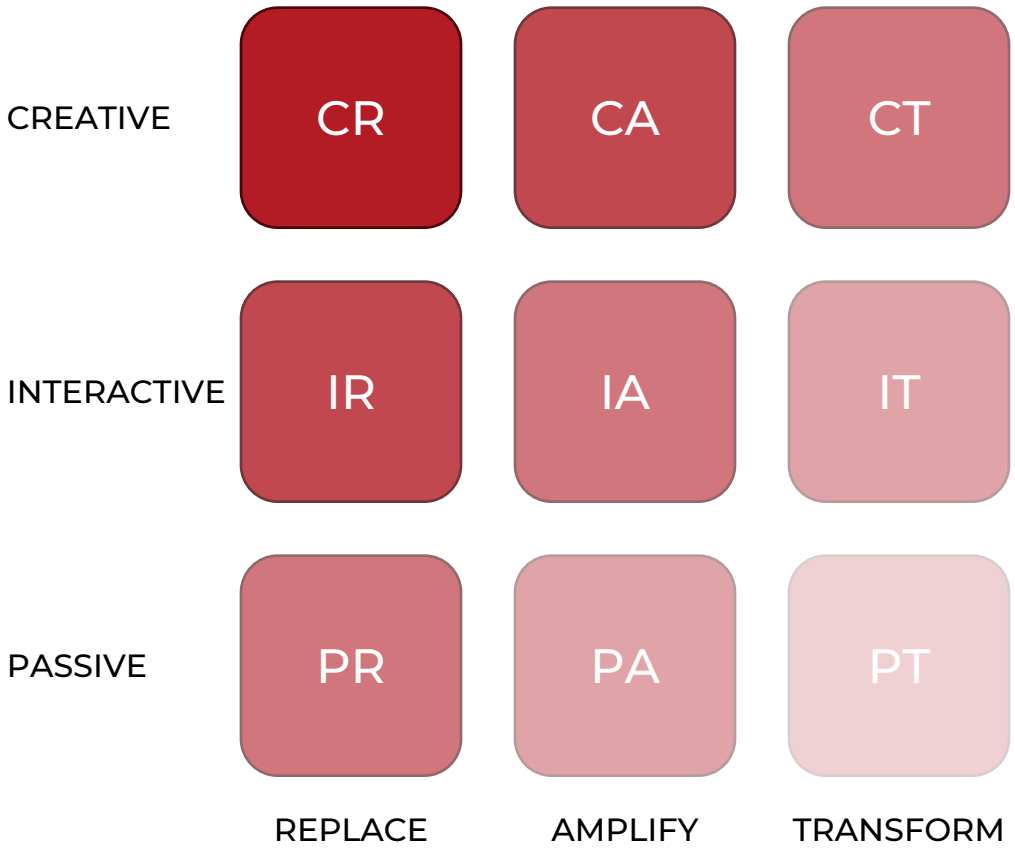
Learn more:
The PICRAT Technology Integration Model

PICRAT | What is technology doing to learning?

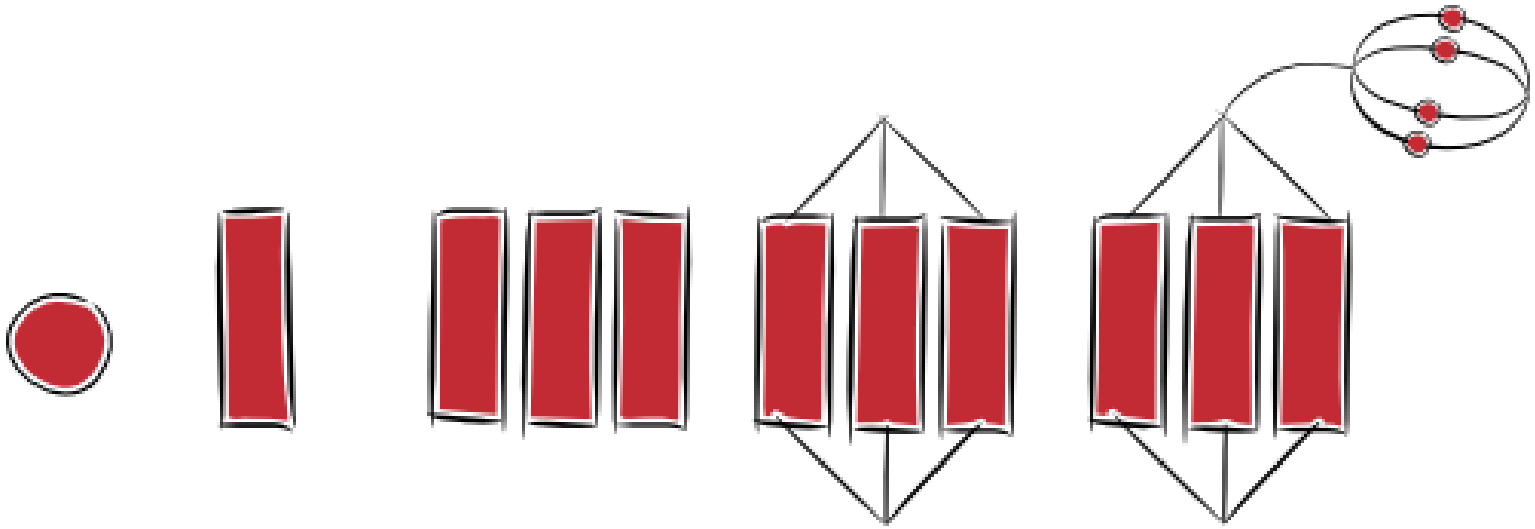
- Replacement of existing practice
- Amplification
- Transformation

Learn more:
The PICRAT Technology Integration Model

PICRAT | How worthwhile is the task?



Learn more:
[The PICRAT Technology Integration Model]



Learn more:
[SOLO Taxonomy]

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Depth of knowledge

Procedural knowledge

Conceptual knowledge

“doing stuff”

“understanding”

Learn more:

SOLO Taxonomy (or Blooms Revised Taxonomy as an alternative)

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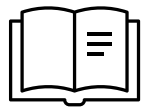
Depth of technology integration



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Depth of thinking

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What does good look like?

Deeper thinking

Critical thinking

Articulating their understanding

Discuss | Interpret | Collaborate | Investigate | Create

Compare & contrast activities

Summarise & overview for further thinking

Getting unstuck – shortcut the process, not the depth

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Shortcut the process
not the depth

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Assessment & AI

Best Practice

NZQA Guidance

thinkelearning.link/nzqa-ai

Staff Admin with AI

Best Practice

Policies & Governance

Setting yourself and your board up for sound decision-making

Netsafe Guidance

thinkelearning.link/netsafe-ai-policy

Leading in the AI era

What does the research say? What have others found?

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“Big changes can't be initiated without some terrible sense of urgency, but once we leave the starting blocks, the need is to focus our efforts. Without focus, urgency makes things worse, becoming what Kotter calls ‘a false sense of frenetic urgency’ rather than the ‘true sense of urgency’ that forges and allies itself with forces of actual change.”

Responding with urgency
Michael Fullan, *The Principal: Three Keys to Maximizing Impact*

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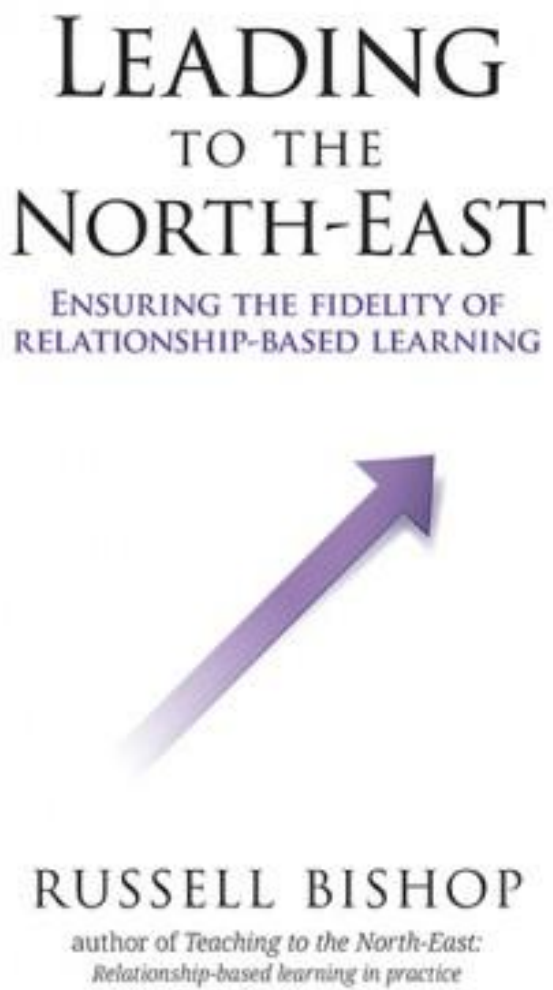

What does it look like for AI pedagogy and policy to be relationship-based, involving whole-school and whānau, and ensuring the success of ākonga Māori as Māori?

Six Lessons for Leadership

1. Kia māia – Be bold and adventurous
2. Ara mārama – Seek clear directions
3. Whakaihi – Search for inspiration
4. Tū kotahi – Know that you are not alone
5. Taonga tuku iho – Think about the legacy you leave
6. He kaiārahi tātou katoa – Leadership is within everyone

“...they learn new things... they go new places, ask new questions. They are not afraid to challenge the status quo.”

...what does this mean for assessment design?

1. Be bold and adventurous
Selwyn Katene, *The Spirit of Māori Leadership*

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“Anyone can steer the waka, but it takes a master navigator to chart the course.”

2. Seek clear directions
Selwyn Katene, *The Spirit of Māori Leadership*

“Providing clarity of direction enables people to manage their own behaviours, track their own progress and see how their own tasks fit in the larger context of the voyage.”

2. Seek clear directions
Selwyn Katene, *The Spirit of Māori Leadership*

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“Inspirational leadership boils down to delivering on promises, communicating clearly and 'taking the people with you' on the journey.”

3. Search for inspiration
Selwyn Katene, *The Spirit of Māori Leadership*

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“Voyaging half-way around the world in a migratory canoe requires a collective mentality.”

4. Know that you are not alone
Selwyn Katene, *The Spirit of Māori Leadership*

“Leading by example is how leaders make visions and values tangible. It is how they provide the evidence that they are personally committed.”

5. Think about the legacy you leave
Selwyn Katene, *The Spirit of Māori Leadership*

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“When we liberate the leader in everyone, extraordinary things happen.”

Whom can you nurture / mentor to step up and lead?

6. Leadership is within everyone
Selwyn Katene, *The Spirit of Māori Leadership*

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Get in touch

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PLD, strategy, policy review

thinkelearning.link/ai-blog

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