

NEW ZEALAND EDUCATION IN 2025: LIFELONG LEARNERS IN A CONNECTED WORLD

An illustrative vision



A highly connected, interdependent education system that equips students with skills for the future, fosters students' identity, language and culture, and prepares students to participate as successful citizens in the 21st century.

We learn in a complex world

- High rate of change
- Demand for new specialised skills
- Hyperabundant information

We never stop learning

Everyone is a learner from birth, within a connected, interdependent education system.

I can also...

connect with other learning centres and specialists to study subjects in depth.

We are all connected

Learning centres are connected and interdependent. They could be attached to community hubs like libraries or marae, or to business centres or innovation zones. They allow learners of any age to come together.

For example:

Anton's marae

His primary learning centre



Robotics specialist

MIT OpenCourseWare Massachusetts, US

Chemistry specialist

Callaghan Innovation Wellington, NZ



Sports specialist

Sporting centre of excellence Palmerston North, NZ

Language and culture specialists

Aboriginal Learning Centre Northern Territory, AUS



We're all... lifelong learners

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Here's how I learn

I learn **collaboratively**

I learn by being **digitally connected**

My identity, language, culture and place are **valued**

I'm able to **explore in depth** subjects I'm passionate about

I find **gaming** a great way to help my learning

I learn from **my peers**. We teach and learn from each other.

We live and learn... in a vast network.

Every day I can:

Learn within my **community**. I get to learn with people of all ages. We're connected internationally.

Work alongside kaumātua at my marae, which is a centre of excellence in indigenous language revitalisation and **stay connected with my iwi.**

Study science, maths and music through the **learning centre at my marae**, advanced chemistry through the learning centre at Callaghan Innovation, and Māori studies with Waikato University.

Meet my learning mentor every other day and skype her **whenever I need to.**

Set my goals and reach them, with the help of my Learning Mentor and everyone who supports me to learn.



Pedagogical Specialist

Pedagogical Specialists lead teams of Learning Mentors; overseeing professional development, assuring quality outcomes for learners, moderating content and developing curriculum resources.



Primary Learning Mentor

Teachers are Learning Mentors; skilled professionals who work with groups of learners to set goals, give advice about learning pathways and provide a mix of direct and guided instruction.



Whānau

"We've got a great relationship with Anton's Learning Mentor and his specialist teachers. We catch up for whānau meetings every week. It's a genuine partnership. We have opportunities to learn alongside Anton too."



Peers

"I work closely with other students, either face-to-face or online. I can connect with people who are 'like' me."

Harnessing technology

A pervasive digital environment is empowering learners as never before, allowing them to take charge of their own learning anywhere, anytime.

The flexibility to learn when and where best suits them, while staying safe



e.g. **immersive technologies** allow learning in virtual worlds.

The ability to work and study specific disciplines in depth with others



e.g. **complex timetabling** means efficient coordination of learning experiences.

Real time knowledge of the learner's progress and next learning steps



e.g. **learning analytics** means sophisticated assessment in real time.

Recognition Technology makes connecting to online learning quick and easy



e.g. a **single, secure logon.**

Efficient administration means schools can focus on teaching and learning



e.g. **cloud-based, serverless learning centres.**

NEW ZEALAND EDUCATION IN 2025: LEAD WITH PEDAGOGY, ACCELERATE WITH TECHNOLOGY



Possible characteristics of a connected education system in 2025



Everyone is a learner

Enrolled in the education system at birth and in it for life.

Everyone is a teacher

Peer-to-peer teaching is part of learning. Citizens with skills contribute their expertise.

Learning is highly collaborative

New partnerships link educators, learners and their whānau and communities, business and government. Students learn through collaboration with others.

'Learning to learn' is a key component of the New Zealand Curriculum

With complex problem solving, communication, team skills, creativity and innovation recognised as necessary skills for success.

Learning centres accommodate learners of all ages

Learning is a genuine community activity. Learners may be connected to several learning centres offering a range of specialised learning opportunities face-to-face and virtually.

Modern learning environments

Provide highly adaptable, technology-rich learning environments. Learning can happen anywhere, anytime, tailored to the needs of learners and groups of learners.

Learners are always digitally connected

Locally, nationally and globally.

Learner profiles travel with the learner

Online learning profiles carry a portfolio of learning throughout life.

There are new assessment models

Learning analytics and gamification enable sophisticated assessment in real life.

Computer science and technology skills are for everyone

All learners get the basics.

Education resources are instantly available

Open Education Resources (OER) allow easy access to high-quality resources via powerful search engines, wherever learners are in the world.

Diversity flourishes

Using technologies, learning programmes can be tailored to identity, language, culture, location and learning needs.

Key Attributes of 21st Century Learning

Self-directed
Empathetic and inclusive
Innovative
Collaborative
Authentic problem solving
STEM foundation for all

What doesn't change?



The importance of quality leadership

The ability of leaders at all levels to lead during times of rapid change will be more critical to success than ever.

The importance of quality teaching

Teachers with high levels of specialised and pedagogical knowledge will be more necessary than ever to help students set goals and worthwhile learning paths in an increasingly specialised world.

A strong, valued Curriculum

In times of change, a dynamic, regularly refreshed Curriculum continues to provide the foundation for learning and describe the outcomes we value for our learners.

The need for effective pedagogies

New teaching and learning practices allow for high flexibility, and are founded on a growing evidence-base. Effective teaching, leading and learning practices are critical to fully integrate technologies and maximise their benefits.

Well-structured approaches to teaching and learning

Sophisticated timetabling will allow for scheduling across a network of learning centres that enable learners to study specific disciplines in-depth from a range of sources.

Young learners are protected

New practices and organisational structures ensure pastoral care and safety appropriate to the age of learners.

Quality education is recognised and respected as a human right

The Government continues to play its role in ensuring every student benefits from a quality education.

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