The ultimate
digital strategy roadmap

A comprehensive framework for digital transformation in New Zealand schools

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Future-proof your digital education platform

In a digital-first world, the evolution of technology is constant. Education providers are increasingly required to become tech experts, battling scarcity of time and resource to keep up with these changes and ensure they are developing their students' digital literacy skills.

Noel Leeming Commercial specialises in working with schools to develop holistic, long term frameworks for innovative teaching and digital learning outcomes that serve both students and teachers.

It's not just about investing in new hardware – but ensuring that there are optimised IT systems in place to improve school performance; operational efficiencies that free up teacher time; and resources to help prepare students for the digital world that lies ahead.

> *We aim to work with schools to enrich learning for all through purposeful partnerships. We are passionate about enhancing learning through technology, and we realise that for this to happen, there are various elements that need to be looked at holistically to ensure that technology integration produces successful outcomes. By collaborating with us and our partners, we can ensure that your vision for digital learning becomes a reality.*

- Sam Gibson, Head of Education, Noel Leeming Commercial

connect with our nationwide team of education specialists

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nlgcommercial.nz

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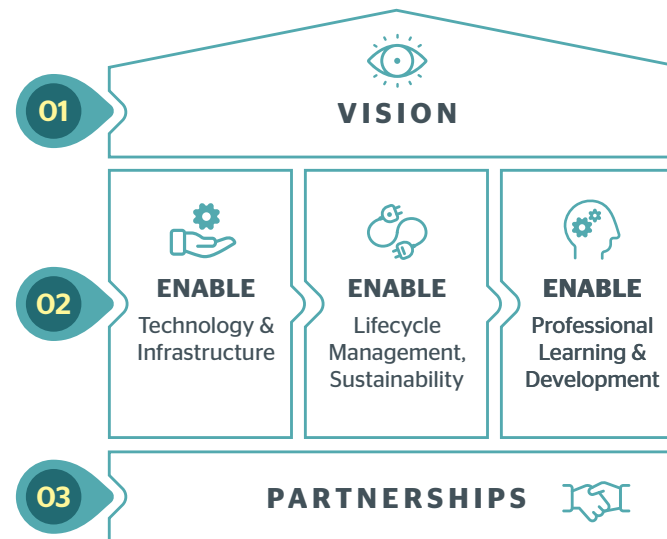0800 737 5223

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What is the purpose of this roadmap?

We've helped decision makers from hundreds of New Zealand primary and secondary schools successfully articulate and document their digital strategy. Identifying the challenges that frequently pop up – and the key themes that successful school programs all share – form the basis of this planning framework.

Answering the questions in this workbook will enable you to determine your school's digital education needs with clarity, and ensure your technology strategy aligns with your school's budget, values and vision.

Getting started roadmap overview

There are three key steps to forming the foundation of your digital transformation:

01

VISION

02

ENABLE
Technology & Infrastructure

ENABLE
Lifecycle Management, Sustainability

ENABLE
Professional Learning & Development

03

PARTNERSHIPS

01/ VISION
Begin with a clear vision that articulates why digital teaching and learning is important to your school

02/ ENABLE
Identify the enablers needed to achieve your vision

- Technology and Infrastructure
- Lifecycle Management and Sustainability
- Professional Learning and Development

03/ PARTNERSHIPS
Ensure you have an ecosystem of trusted partners to support your needs

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VISION

TECHNOLOGY & INFRASTRUCTURE

LIFECYCLE MANAGEMENT, SUSTAINABILITY

PROFESSIONAL LEARNING & DEVELOPMENT

PARTNERSHIPS
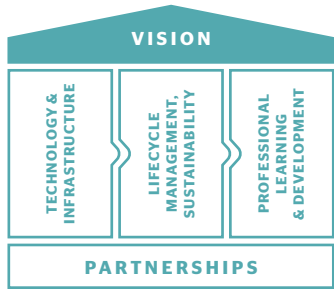
Step one
articulating your vision

Why is digital teaching and learning important to your school? What is it that you are trying to achieve? How does this tie into your school's overarching vision?

What is your school's overarching vision?

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What is your school's digital learning vision?

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Points to ponder

What skills and mindsets do you want to develop and nurture in your students?

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How does your vision enhance teaching and learning at all levels?

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How do you plan to enable learning to take place anywhere and anytime in an equitable way?

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Is your vision future proofed? Is it inspirational?

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Does it reflect and include your school's wider community?

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VISION

TECHNOLOGY & INFRASTRUCTURE | LIFECYCLE MANAGEMENT, SUSTAINABILITY | PROFESSIONAL LEARNING & DEVELOPMENT

PARTNERSHIPS
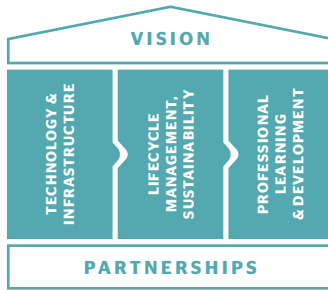
Step two

bring your vision to life

Once you have established your vision, you can then look at the elements you need to bring it to life. In the following pages, we break these down into three parts:

TECHNOLOGY & INFRASTRUCTURE
The things that are needed to deliver digital learning to your students fingertips.

LIFECYCLE MANAGEMENT & SUSTAINABILITY
The processes that are needed to deliver digital learning in a future-focused and sustainable way.

PROFESSIONAL LEARNING & DEVELOPMENT
The knowledge and skills that are needed to deliver digital learning to ensure your students have the tools to be successful in the future.
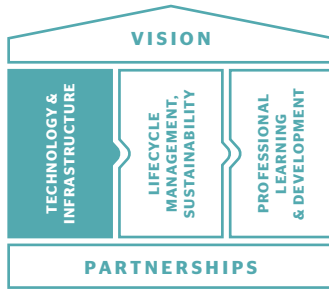
Points to ponder

How closely does what you currently do within these three areas align with the vision you have?

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Do you view these areas holistically, or take a siloed approach?

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How well do you currently rate your school's competency in each of the three enabling areas? Where are your opportunities for greatest improvement?

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Action points:

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VISION

| TECHNOLOGY & INFRASTRUCTURE | LIFECYCLE MANAGEMENT, SUSTAINABILITY | PROFESSIONAL LEARNING & DEVELOPMENT |

PARTNERSHIPS

Enable
technology & infrastructure

When looking at your technology and infrastructure needs, consider how this will meet the needs of students and staff in terms of:

SUFFICIENCY

Do you have enough to deliver on your vision?

SUITABILITY

Do you have the right technology to achieve your vision?

RELIABILITY

Is your technology reliable enough to deliver on your teaching and learning vision?

EASE OF ACCESS

Is your technology easy enough to use?

Points to ponder

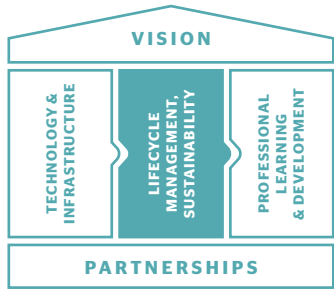*What is your approach to devices? Does it allow for anywhere, anytime learning?*

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How well does your current technology and infrastructure support your vision for digital learning?

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How well does your IT infrastructure (network, devices, internet connections) support your vision for digital learning?

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How well does your device management support and enhance student learning and allow teachers to focus on teaching? Where could it be improved?

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How do you plan to incorporate STEAM and Robotics?

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Action points:

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VISION

TECHNOLOGY & INFRASTRUCTURE

LIFECYCLE MANAGEMENT, SUSTAINABILITY

PROFESSIONAL LEARNING & DEVELOPMENT

PARTNERSHIPS

Enable lifecycle management & sustainability

Lifecycle Management and Sustainability is about planning ahead, and making sure that your students and teachers have what they need in order to enable an ongoing program of innovative teaching and learning. Consider this in three parts:

01 FUNDING AND PROCUREMENT
How will you fund and procure your digital learning vision with fit-for-purpose technology?

02 DEPLOYMENT AND MAINTENANCE
How will you deploy and maintain your technology over time?

03 REMOVAL AND REPLENISHMENT
How do you plan to remove and replace old technology?

Points to ponder

01 *How will you achieve your device-to-student ratio goals in an equitable way?*

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Does BYOD form part of your digital learning plan?

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What is your budget for implementation and ongoing costs?

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What financial options are you aware of?

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02 *Do you need to deploy any new technology across any existing devices? If so, what is your plan?*

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How do you plan to maintain devices over time?

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03 *What is your technology upgrade and refresh plan?*

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How do you plan to repurpose and dispose of goods at the end of their lifecycle? Is this environmentally friendly?

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VISION

TECHNOLOGY & INFRASTRUCTURE | LIFECYCLE MANAGEMENT, SUSTAINABILITY | PROFESSIONAL LEARNING & DEVELOPMENT

PARTNERSHIPS
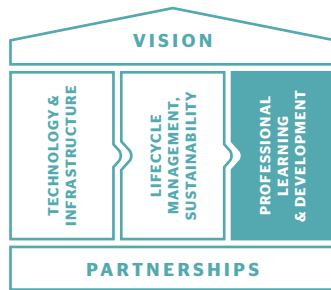
Enable
professional learning & development

Professional Learning and Development (PLD) ensures teachers have the necessary skills and knowledge to use technology in ways that will allow you to achieve your vision.

Points to ponder

How will your digital learning vision transform the lesson content and role of your teachers?

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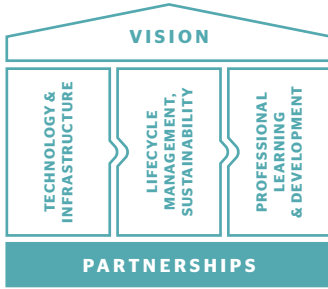*How well equipped are your teaching staff to support your digital learning vision?*

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What digital learning models like SAMR will you incorporate to support teacher development with digital technologies?

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How well do your current PLD providers prepare your teachers for new and existing digital technologies?

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What, when and how will professional learning be delivered? Will this be face to face, online, course based, facilitated?

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How well are your teachers integrating STEAM into the curriculum to enhance learning?

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Action points:

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VISION

TECHNOLOGY & INFRASTRUCTURE | LIFECYCLE MANAGEMENT, SUSTAINABILITY | PROFESSIONAL LEARNING & DEVELOPMENT

PARTNERSHIPS

Step three
partnerships

Ensure you have an ecosystem of partners to support your needs and enhance your capability. Who will you work with to ensure you can successfully implement:

Your technology and infrastructure requirements:

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Your lifecycle management and sustainability:

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Your PLD:

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Points to ponder

Are your current partners able to support and enhance your digital learning vision?

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Where are the gaps and crossovers in capability?

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When will you bring in the relevant partners to help you successfully execute on the key elements that will allow you to achieve your digital vision?

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Where can you leverage these partnerships to help with other areas within your school and community?

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Action points:

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notes

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why partner with us?

Buying Power

As part of The Warehouse Group, we have the strongest buying power in New Zealand.

Noel Leeming Commercial helps schools across New Zealand procure goods across The Warehouse Group's brands, whether it's devices for classrooms or kayaks for the PE department.

Education Experience

Our nationwide education team is made up of ex-teachers, who understand the unique challenges of schools. We've been helping schools use technology better for over two decades.

Technology Expertise

Our dedicated IT experts help ensure that your technology works seamlessly, by setting up Wi-Fi access in your classrooms to provide strong and stable internet access to multiple devices and classrooms. We can make managing your devices safe and easy, so your students can get on with learning.

Plus we also provide...

Whitegloving

Ensure your students devices are set up and ready to be used on your school network, whether you have a BYOD programme or not.

BYOD Programmes

We make rolling out and managing BYOD programmes a breeze, by providing toolkits and assets for schools, and easy-to-buy solutions for parents.

Professional Learning and Development

Our professional learning and development partners help ensure teachers are set up and ready to use technology confidently in the classroom.

Finance and Leasing

Manage your budgets with tailored payment packages and get the equipment and services you need now.

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Here for sharing knowledge

If you'd like to partner with us or find out more about what we can offer your school, get in touch with one of our nationwide team of education specialists.

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