Digital Technologies &
Hangarau Matihiko

What **business** and **industry leaders** need to know

Strengthening the New Zealand Curriculum & Te Marautanga o Aotearoa from 2018

FROM 2018, DIGITAL TECHNOLOGIES & HANGARAU MATIHIKO WILL BE INTEGRATED INTO THE NEW ZEALAND CURRICULUM AND TE MARAUTANGA O AOTEAROA. OUR EDUCATION SYSTEM IS CHANGING IN ORDER TO BEST EQUIP OUR CHILDREN AND YOUNG PEOPLE TO PARTICIPATE, CREATE AND THRIVE IN THIS FAST-EVOLVING DIGITAL WORLD.

The worldwide demand for skilled people in an increasingly digital economy far outstrips the skills supply. New Zealand's technology industry partners tell us there are significant opportunities to better compete in a global marketplace.

The strengthened curriculum will provide every student with the opportunity to develop the skills and capabilities to design and develop new digital technologies; to inspire students to engage in the multi-faceted world of computer science and to become not just users, but designers and creators of digital technologies.

What is the new Digital Technologies & Hangarau Matihiko curriculum content about?

It's about understanding how digital technologies work and how to use that knowledge to become capable and creative innovators of digital solutions. These skills can be applied across a breadth of industries, from IT to agriculture.

Digital Technologies & Hangarau Matihiko curriculum content implementation timeline:

| New content will be published into the National Curriculum. | In term 1 2018 the curriculum content will be introduced. | | In term 1 2020, it will be expected that schools will be teaching the new content. |

2017 · **2018** · **2019** · **2020**

Supporting the workforce of the future

What will change in classrooms?

Many teachers, schools, kura and Kāhui Ako are already making digital technologies learning part of their teaching programmes. This change ensures that all learners get these experiences, to prepare them to be work-ready for a world where digital skills are increasingly valuable to the economy and wider society.

This curriculum will be available for all students from Year 1 to Year 13. Students have the opportunity to specialise from year 11 to year 13. We are starting with NCEA Level 1 achievement standards, which will be available for use from 2018. Levels 2 and 3 will be made available from 2019.

By the end of Year 10, all young people should be digitally capable - able to use and create digital technologies to solve problems and give them an advantage whatever pathway they choose to follow.

For students who study Digital Technologies through to Year 13, we expect that they will be on the pathway to specialising - meaning that they will gain the targeted skills needed in the digital technologies industry. They will lead our next generation of innovators and trailblazers in the digital world.

How can you be involved?

Think about how you can support the growth of skills and competencies you need by connecting with the schools and kura in your community. You can support your local school, kura or Kāhui Ako to understand how your organisation uses digital technologies and what challenges you face that could benefit from new innovative digital solutions.

Work with your local schools, kura, and Kahui Ako to help them adopt a local curriculum that offers students real world learning opportunities with digital technology users and experts.

Find out more and make contact:

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