

Digital Technologies & Hangarau Matihiko

What **students** need to know

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

YOUR WORLD IS MORE DIGITAL AND FAST PACED THAN ANY GENERATION BEFORE YOU. DIGITAL TECHNOLOGIES SHAPE OUR HOMES AND COMMUNITIES AND HOW WE INTERACT WITH EACH OTHER AND LIVE OUR EVERYDAY LIVES.



Our education system is changing to better equip you to take part, create and thrive in this fast-evolving digital world.

What do we mean when we talk about the new Digital Technologies & Hangarau Matihiko curriculum content?

It's about learning how digital technologies work and how to use that knowledge to solve problems.

We want to support you to innovate and create with digital technologies, whatever pathway you may choose.

Who will get to learn about this new curriculum?

The curriculum will be available to 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.

Digital Technologies & Hangarau Matihiko curriculum content implementation timeline:



Why does learning about digital technologies matter?

How will it help you?

The new digital technologies content will help you learn skills to solve problems, make decisions, and work together in teams. You will progress towards creating your own digital technologies. Also learning how to be safe in the digital world and how to be considerate of others.

More and more people need digital technology skills and knowledge to succeed, whether you want to make robots, be a politician, or a farmer; for example:

- » farmers use drones to find out where their crops need watering
- » engineers use satellite maps to help them plan where to build their structures
- » fire-fighters use heat-sensing equipment to find out where the fire is hottest so that they can put it out faster
- » Team NZ's shore crew made equipment for the sailors to use to make the best tactical decisions, sail the fastest, and win the America's Cup.

Speak with your teacher or kaiako to find out more about what plans your school or kura has on introducing the new digital technologies content.

Find out more and make contact:

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