

CLOVERLEA SCHOOL

DIGITAL TECHNOLOGY



The new Digital Technology (DT) Curriculum has been developed to ensure that LEGENDs develop a range of skills in the digital world. They learn to be innovative kiahanga (creators) of digital products and systems (using computational thinking). Our Cloverlea LEGENDs are more than just consumers of technology, they are also kiahanga of digital solutions.

IT IS IMPORTANT BECAUSE:

Designing and developing digital outcomes is a key element of teaching through the Digital Curriculum. For Cloverlea LEGENDs this means that learning tasks are authentic and driven around a real purpose or problem to solve.

The DT curriculum will give children the skills and opportunities to become kiahanga, problem solvers and designers - preparing them for the future. All this whilst being able to navigate the complexities of the internet and range of technology options.

A large emphasis with DT practices is having good knowledge and understanding of security and safety while being online. Cloverlea LEGENDs will learn about being cybersafe at school and at home.

The DT curriculum is a new addition to the Technology curriculum and is taught at Cloverlea School from Year 1 -6.

CURRICULUM LINKS:

DT involves some stand alone teaching and learning but is also embedded into all our other curriculum areas. As a staff we have unpacked the curriculum and developed our own DT Learning progression. DT also has numbers links to the key competencies:

- **Managing Self:** working independently on DT learning challenges
- **Relating to Others:** collaborating with peers to solve DT problems and create digital outcomes
- **Thinking:** Problem solving and all the 'de-bugging' along the way.
- **Participating and Contributing:** Sharing learning with others within and beyond our school via facebook / Seesaw
- **Using Language, Symbols and Texts:** writing algorithms, explaining instructions and talking about learning.

WHANAUNGATANGA:

A key element of learning through using digital tools or with digital outcomes in mind is whanaungatanga.

LEGENDs will be exploring ideas and solutions, talking to their peers and discussing options. LEGENDs will often be working in rōpū (groups) that involve different allocated roles and also mixed abilities. Building capabilities for our LEGENDs to work in ropu for a common purpose is a long term kōura (goal) as many of our LEGENDs will have global online interactions in the future.

A key consideration is how our LEGENDs interact online - teaching and instilling cybersafety messages and how we safely whanaungatanga in an online environment is paramount.

LINKS TO OUR LEGEND VALUES:

Lead / Ārahi - Legends showing others how to do things and having confidence in their abilities.

Excellence / Kairangi - Legends having high personal expectations when creating and testing out things.

Organised / Nahanaha - Legends using tech tools in the right way and returning them.

Resilient / Manawaroa - Legends reflecting, changing their thinking and trying things again.

Inclusive / Kotahitanga - Legends working collaboratively and being supportive of others. Being prepared to 'troubleshoot' and help others.

Determined / Rae Pakari - Legends thinking about their own safety and security while online.

RESEARCH & EVIDENCE:

See our journey and all our Cloverlea resources via the Kotahitanga Hub (shorturl.at/gmzFH) and view the learning progressions (shorturl.at/fjmE2).

www.digitalcircus.co.nz

<http://elearning.tki.org.nz>

<http://technology.tki.org.nz>

<http://themindlab.com>

ENACTING TE TIRITI O WAITANGI:

Digital Technology is a medium to explore and make connections around history, traditions and customs. It is also a way to share and honour cultural diversity. DT tools can be used to strengthen the integration of Te Reo Maori in our teaching and learning through the use of apps such as Kupu.

Ārahi, Kairangi, Nahanaha, Manawaroa, Kotahitanga, Rae Pakari

LEAD, EXCELLENCE, ORGANISED, RESILIENCE, INCLUSIVE, DETERMINED