

2026 Year 10 Digital Technology Course Outline



Course Options:

Full Year (10DIT)

Half Year (10DIH)

Key Competencies:

Thinking

Relating to Others

Using Language, Symbols, and Texts

Managing Self

Participating and Contributing

Values:

Courage, Aroha, Manawa Reka, Community

Digital Citizenship: Safe and responsible use of digital technologies

Course Information

The Year 10 Digital Technology course is designed to develop students' skills in programming, digital design, and emerging technologies. Learners will build confidence in applying Python and web languages, explore ethical considerations in digital media, and gain hands-on experience with modern tools such as Adobe Illustrator, robotics, and AI platforms. Project-based learning and stakeholder feedback will guide iterative development throughout the year.

Career Pathways

- Software Developer
- Web Designer
- Game Developer
- Graphic Designer
- Robotics Engineer
- AI Specialist
- Cybersecurity Analyst
- UX/UI Designer
- Animator
- Data Scientist

Full Year

Topic	Topic/Title	Common Assessment	Curriculum links
Adobe Animate	Animation	Formative - Sunflower Summative Assessment - Movie Production Logo	Design and Develop Digital Outcomes/Digital Technologies
Programming	Python Fundamentals – Variables, Inputs, Outputs Code Combat - Coding Challenges and Loops	Develop a program	Computational Thinking/Computer Science

Web	HTML/CSS Basics and Page Structure	Personal Website Project	Design and Develop Digital Outcomes/Digital Technologies
Electronics	Arduino and Circuit Coding	LED Circuit or Sensor Project	Mechatronics
Adobe Illustrator and InDesign	Adobe Illustrator and Web Design	Formative (Illustrator): Logo Design Summative (InDesign): Business Card Development	Design and Develop Digital Outcomes/Digital Technologies
Artificial Intelligence	Prompt Engineering, AI Web Development, Drones	Chatbot creation	Emerging Technologies

Half Year

Topic	Topic/Title	Common Assessment	Curriculum links
Adobe Animates	Animation	Formative - Sunflower Summative Assessment - Movie Production Logo	Design and Develop Digital Outcomes/Digital Technologies
Web Design	HTML/CSS Basics and Page Structure	Personal Website Project	Design and Develop Digital Outcomes/Digital Technologies