

Year 6 Digital Technologies (Semester 1 only)

Achievement Standard

By the end of Year 6 students develop and modify digital solutions, and define problems and evaluate solutions using user stories and design criteria. They process data and show how digital systems represent data. Students design algorithms involving complex branching and iteration and implement them as visual programs including variables. They securely access and use multiple digital systems and describe their components and how they interact to process and transmit data. Students select and use appropriate digital tools effectively to plan, create, locate and share content, and to collaborate, applying agreed conventions and behaviours. They identify their digital footprint and recognise its permanence.

Assessable Elements

An overall level of achievement in this subject is determined by the teacher's on-balance judgment of the evidence presented in students' summative assessment across the following:

- **Knowledge and Understanding** – digital systems and representation of data
- **Processes and Production Skills** – collecting, managing and creating data, defining, implementing, evaluating, collaborating and managing

Delivery (mode, time requirements, lessons)

Students will be offered a blended model of delivery with live lessons and independent study on their program to complete lessons, tasks and assessment in accordance with the Work Rate Calendar.

Student Requirements

Computer with, access to internet, email, printer, headset with microphone, scanner, stationery.

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Units, Learning Experiences and Summative Assessment		
Semester 1	Term 1	Unit 1 Under development
		Summative Assessment: Under development
	Term 2	Unit 2 Under development
		Summative assessment: Under development

Disclaimer All of the above information is accurate at the time of development.