

Data, Information and Privacy		
acquire, store, manipulate and validate data from a range of sources using software tools, including spreadsheets and single-table databases VC2TDI8D02 analyse and visualise data using a range of software, including spreadsheets and simple database queries, draw conclusions and make predictions by identifying trends VC2TDI8D03 select and use a range of digital tools effectively and responsibly to share content online, and plan and manage individual and collaborative iterative projects VC2TDI8D05		
Creating Digital Solutions		
define and decompose real-world problems by taking into account functional requirements and constraints VC2TDI8C01 implement, modify and debug programs involving control structures and functions in a general-purpose programming language VC2TDI8C04		
Achievement Standards		
By the end of this semester students will - Interpret, model and visualise data using spreadsheets to draw conclusions - Implement algorithms and debug programs using a general-purpose programming language - Design, build, code and evaluate their Robotic models against given situations		
Work Requirements	Due	Percentage of Assessment
Excel Assessment Task	Term 1 week 6	30%
Coding Task in Python	Term 2 week 2	30%
Spike Project	Term 2 week 8	40%

YEAR 8 Digital Technologies
SEMESTER ONE 2026



TIMELINE	
TERM 1 (9 Weeks)	TERM 2 (10 weeks)
Week 1-5 - Excel activities Week 6 - Excel Assessment Task Week 7-9 - Learning activities in Python	Week 1-2 - Learning activities in Python Week 3 - Coding Task in Python Week 4-7 - Spike Project activities Week 8 - Spike Project due