

NCEA Achievement Standards

Digital Technologies & Hangarau Matihiko

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Computational Thinking (CT)

Designing and Developing Digital Outcomes (DDDO)

3.1 (AS91900) Conduct a critical enquiry to propose a digital technologies outcome (6)

3.5 (AS91904) Use complex techniques to develop an electronics outcome (6)

3.2 (AS91901) Apply user experience methodologies to develop a design for a digital technologies outcome (3)

3.6 (AS91905) Use complex techniques to develop a network (4)

3.3 (AS91902) Use complex techniques to develop a database (4)

3.7 (AS91906) Use complex programming techniques to develop a computer program (6)

3.4 (AS91903) Use complex techniques to develop a digital media outcome (4)

3.8 (AS91907) Use complex processes to develop a digital technologies outcome (6)

2.1 (AS91890) Conduct an inquiry to propose a digital technologies outcome (6)

2.5 (AS91894) Use advanced techniques to develop an electronics outcome (6)

2.2 (AS91891) Apply conventions to develop a design for a digital technologies outcome (3)

2.6 (AS91895) Use advanced techniques to develop a network (4)

2.3 (AS91892) Use advanced techniques to develop a database (4)

2.7 (AS91896) Use advanced programming techniques to develop a computer program (6)

2.4 (AS91893) Use advanced techniques to develop a digital media outcome (4)

2.8 (AS91897) Use advanced processes to develop a digital technologies outcome (6)

1.1 (AS91877) Develop a proposal for a digital outcome (3)

1.6 (AS91882) Develop a computer system (4)

1.2 (AS91878) Develop a design for a digital outcome (3)

1.7 (AS91883) Develop a computer program (4)

1.3 (AS91879) Develop an outcome to manage data (4)

1.8 (AS91884) Use basic iterative processes to plan and develop a digital outcome (6)

1.4 (AS91880) Develop a digital media outcome (4)

1.9 (AS91885) Demonstrate understanding of searching and sorting algorithms (3)

1.5 (AS91881) Develop an electronics outcome (6)

Hangarau Matihiko

Te Tangata me te Rorohiko
Ngā Ariā o Ngā Whanaketanga Hangarau
Matihiko Areao Māori

3.11 Te whakahāngai i te reo o te hangarau matihiko (3) (Ext)

3.12 Te tātari i ngā tikanga o te kiriraraunga matihiko Māori (4)

2.11 Te whakaatu mōhiotanga ki te reo motuhake o te hangarau matihiko (3)

2.12 Te whakamārama i te pānga o te kiriraraunga matihiko Māori ki tētahi otinga hangarau matihiko (4)

1.12 Te whakaatu mōhiotanga ki te reo hangarau matihiko (3)

1.13 Te whakaahua i te pānga o tētahi otinga hangarau matihiko ki te ao Māori. (4)