

Digital Technology

Level 1

Course Requirements:

Level 1 Digital Technology will suit students who enjoy and have some creative talent in this area and are able to problem solve. The ability to use Scratch, Python or have experience with Robotics will be an advantage. To be successful at this subject it would be useful if students have completed Digital Technology at Y10. Students will need to be able to think creatively and imaginatively to develop their ideas. Students would also need to finish off work outside of lesson time.

Aims:

This course aims to build and refine skills in planning, design and creating for digital technology. Students will then learn how to build a robot and code the robot for the autonomous vehicle project. Students will also design a website using the Adobe Suite software.

Course Content:

The focus of the course is to strengthen skills in:

- Problem solving by learning to code
- Learn new tools and techniques in Photoshop
- Learn Human computer interaction interfaces

Where can this subject take you?

Success in Level 1 Digital Technology will provide students with the basic knowledge and skills that will be useful for studying Level 2 Digital Technology in year 12.

This course is also important if you want to study any Digital Technology degrees or want to make a career in a creative industry. Jobs such Marketing, Advertising, Website Design and Programming are just some of the industries that students could pursue.

Further Assessment Opportunity and Resubmission (Refer to student Handbook for more information)

A further assessment opportunity occurs after you have submitted work / sat a test for an assessment; you do a new assessment after further learning has taken place.

For this course there will be one further assessment opportunity for each standard.

A resubmission can be offered to you by the teacher if they believe you can correct errors or omissions in your work in a short period of time; it does not involve a new assessment. A resubmission must take place before the teacher gives any feedback on the work done. There can be only one resubmission.

Appeals (Please refer to student Handbook for more information)

If you are unhappy with any of your results you should discuss this with your teacher. If you are still unhappy then an Appeals form should be completed; this is available from the HoF; forms need to be completed and returned to your HoF within 5 school days of receiving your grade. If you are still not happy you can then see the Principal's Nominee. At NO time, during this process, should you contact NZQA.

Head of Faculty

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Assessment Chart

Number	Title	Credits	US/AS	Internal/ External	Format	Literacy	Numeracy	Indicative date
91878	Develop a design for a digital outcome	3	AS	Int	Google Classroom (Doc)			Term 1
91883	Develop a computer program	4	AS	Int	Google Classroom (Doc) (YouTube video)			Term 2
91884	Use basic iterative processes to develop a digital outcome	6	AS	Int	Google Classroom (Doc) (YouTube video)			Term 2
91880	Develop a digital media outcome	4	AS	Int	Google doc report / Adobe Suite S/W			Term 3
91886	Demonstrate understanding of human computer interaction	3	AS	Ext	Google doc report			Term 3

Note: Not all students will be offered all assignments as this is dependent on a good work ethic and completion of homework

Entry into externals will be based on:

Students completing all internals
