

Dargaville High School Senior School Subject Option Handbook 2025



*Mahi tahi tātou mo te
oranga ā mātou rangatahi*

*Working together for the
well-being of our youth*

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What is this book all about?

FIRSTLY, WHY IS IT IMPORTANT THAT YOU READ THIS BOOKLET VERY CAREFULLY?

At Dargaville High School, we endeavour to provide a broad curriculum to meet the needs of our learners on their pathway through our school and beyond. In the senior school, the qualification system is the National Certificate in Educational Achievement (NCEA) and all subjects offer credits towards this. NCEA is a stepping stone to opportunities beyond secondary school, including further study, an apprenticeship or employment.

This handbook provides information for students and whānau on what subjects are available, what the requirements are to progress in each subject, and how each subject contributes towards NCEA achievement, including which subjects contribute to University Entrance (including literacy and numeracy requirements). The handbook also includes which Vocational Pathways the assessments in each subject relate to.

The Vocational Pathways provide a framework for students to show how their learning and achievement is valued in the workplace by aligning learning to the skills needed for industry. There are also opportunities such as Gateway, which enable qualifications to be gained in a workplace as well as in the classroom.

Read through the handbook carefully, as there is a lot of information, and make sure that you seek advice from a wide range of people if you are unsure about anything. Our Careers Advisor can help with what qualifications are needed for occupations/careers as well as requirements for University Entrance. Our Careers Advisor can also help with scholarships that may be available to assist with tertiary study. Heads of Departments can help with subject advice as well as prerequisites and our Gateway Co-ordinator can explain what Gateway is, in addition to opportunities available in this space. The internet is also a useful source of information. A couple of useful sites are www.careers.govt.nz and www.youthguarantee.net.nz.

Finally, I encourage students and families to select pathways, and in turn, subjects, that act as an extrinsic motivator in achieving success; in short, choose subjects that you enjoy and are part of a plan.



Michael Houghton
Principal



Subject Guide

CURRICULUM AREA	YEAR 10	LEVEL 1	LEVEL 2	LEVEL 3
Academies			Police	Police
			PITA Agriculture	PITA Agriculture
			Building	Building
			Hospitality	Hospitality
Life Skills		Life Skills	Vocational Studies	Vocational Studies
English	English	English Academic	English Academic	English Academic
		English Literacy	English Internal Communication	English Literacy
Māori	Te Reo Māori Ngā Uri a Tāne	Te Reo Māori	Te Reo Māori	Te Reo Māori
Commerce	Commerce	Commerce		
Mathematics	Mathematics	Mathematics with Algebra	Mathematics with Calculus	Mathematics with Calculus
		Mathematics with Statistics	Mathematics with Statistics	Statistics & Modelling
		Mathematics Applied		
The Arts	Music	Music	Music	Music
	Drama	Drama	Drama	Drama
	Art	Art	Art, Paint, Print, Art History, Contemporary Jewellery	Art, Paint, Print, Art History
Physical Ed and Health	Physical Education and Health	Physical Education	Physical Education	Physical Education
Home Economics	Food and Nutrition			
			Hospitality Academy	Hospitality Academy
		Hospitality	Hospitality	Hospitality
Social Sciences	Social Studies	History	History	History
			Travel and Tourism	Travel and Tourism
Science	Science	Science	Biology	Biology
		Science Applied	Chemistry	Chemistry
			Physics	Physics
Technology	Digital (Hangarau Matihiko)	Digital (Hangarau Matihiko)	Digital (Hangarau Matihiko)	Digital (Hangarau Matihiko)
	Design Material Technology	Design Material Technology	Design Material Technology	Design Material Technology
		Pre-Trades	Pre-Trades	Pre-Trades

Frequently Asked Questions

Q: WHAT SHOULD I DO FIRST?

Think about what you want to do in the future first. Check the information in this booklet to see where subjects lead to. If you are in Year 11, look at the subjects you think you would like to study in Year 13 and work backwards. Make sure you look at any pre-requisite subjects in Level 2 for subjects you will want to study in Level 3. For example, if you think you will want to study Mathematics with Calculus in Level 3, you must take NCEA Level 2 Mathematics.

Make sure that you are studying the subjects that are pre-requisites for your future career and/or tertiary studies. For example, if you think you might like to do something in the field of medicine, you will obviously need to be studying Science subjects at Level 3.

Check with the Careers Advisor as to what subjects you will need. If you want to go on to University after Year 13, make sure that you will have enough credits at Level 3 and check that you meet the Numeracy and Literacy requirements. Check with the Careers Advisor, Ms Chiaroni, or your Dean, if you are not sure what you need.

Don't forget, it is also important you pick subjects you enjoy doing.

Q: WHAT SUBJECTS ARE COMPULSORY?

At Year 11 you must take a course in each of English and Mathematics and Science.

At Year 12 you must take a course in English, unless advised otherwise.

There are no compulsory subjects in Year 13.

Q: HOW MANY SUBJECTS DO I NEED TO CHOOSE?

Students in Year 11 must choose three options in addition to English, Mathematics and Science.

Students in Year 12 must choose five options in addition to English, unless advised otherwise.

Year 13 must choose five subjects.

Q: CAN I MULTI-LEVEL?

Yes, there is nothing to stop you selecting subjects from Levels 1, 2 and 3.

Some subjects at a particular year level may combine credits from different levels. Check this out in this Option Book or with the teachers. Be sure to check with your Year Level Dean that the course is appropriate for you.

Q: WHAT SHOULD I DO IF I WANT TO KNOW MORE ABOUT A SUBJECT?

Thursday 5th and Friday 6th of September will be an opportunity to talk to subject teachers.

Q: WILL ALL THE SUBJECTS SHOWN IN THIS OPTION BOOKLET BE TIMETABLED NEXT YEAR?

This will depend on how many people choose each subject. Therefore, it is really important that you choose carefully because numbers now will determine which classes run and which don't. We will do our best but it is really up to you to select wisely.

Q: WHAT IF I WANT TO TAKE A SUBJECT THAT ISN'T OFFERED?

It may be possible to enrol with the Correspondence School or Video Conferencing. Studying by correspondence requires a great deal of self-discipline and motivation. You need to talk to either your Dean or Ms Chiaroni, if you are thinking of taking a subject through the Correspondence School or Video Conferencing.

Q: WHERE SHOULD I GO FOR HELP ON A PARTICULAR SUBJECT?

If you want further advice on a particular subject –

Commerce/ Business Studies	Ms Smith
Agriculture	Ms Chiaroni
Visual Arts/Art History	Mrs Cooper
Biology	Miss Gracie
Science	Mr Barnes
Building	Mr Piper
Mathematics/Calculus/Statistics and Modelling	Miss Mackereth
Chemistry	Mr Wallam
Correspondence/Distance Learning	Ms Chiaroni
Design and Material Tech/Pre-trades	Mr Bayliss
Digital	Mrs Troath
Drama	Mrs Carey
Social Sciences/History/Classical Studies	Mrs Cohen
English	Mrs Baume
Hospitality/Food and Nutrition/Independent Living	Ms Powell
Te Reo Maori	Whaea Kelly
Music	Mrs Parkinson
Physics	Mr Barnes
Physical Education	Miss Sage
Police	Mrs Troath
Travel and Tourism	Ms Hodgson
Vocational Studies/Careers	Ms Chiaroni

Q: WHAT QUALIFICATIONS WILL I GET?

This will depend on which subjects you choose to take. All subjects that offer credits, whether they are from Achievement or Unit Standards, count towards NCEA. Some may also lead to another recognised qualification such as a Certificate in Hospitality. The details in the option booklet under each subject will tell you how many credits you may receive.

Q: WHAT DO THE LEVELS IN NCEA MEAN?

Level 1 is the first level and is usually gained in Year 11. Level 2 is usually studied at Year 12 and Level 3 at Year 13. To get NCEA you MUST meet the Literacy and Numeracy requirements.

Q: WHAT IS THE LITERACY AND NUMERACY REQUIREMENT?

From 2024, to gain an NCEA qualification, students need to achieve a 20-credit co-requisite related to numeracy and literacy, separate to the NCEA certificate. This is a one-off requirement. For 2025, students may gain these co-requisite credits through a small number of literacy and numeracy-rich standards or through dedicated standards. From 2026, students can only gain these credits through the dedicated standards.

Q: HOW MANY CREDITS DO I NEED TO GET AN NCEA CERTIFICATE?

Starting with the NCEA Level 1 Certificate you must achieve 60 credits at Level 1 or above. In addition, you will need the 10 credits in Literacy and 10 credits in Numeracy.

For an NCEA Level 2 Certificate, you must achieve 60 credits at Level 2 or above. You will also need the Literacy and Numeracy standards (see above).

For an NCEA Level 3 Certificate, you must achieve 60 credits at Level 3. You will also need the Literacy and Numeracy standards (see above).

Q: HOW WILL I ACHIEVE CREDITS?

Standards can be assessed either internally or at the end of the year by external examination. The type of assessment depends on the particular standard.

Q: WHAT IS COURSE ENDORSEMENT?

Did you know that you can now get NCEA certificates at Achieved, Merit and Excellence level and subject endorsements? Course endorsements recognise high achievers in different subjects.

To do this you must have:

- 14 or more credits at Achieved, Merit or Excellence at the level that supports the endorsement: e.g. Level 1 English, or Level 2 Chemistry
 - At least 3 credits from externally assessed standards and 3 credits from internally assessed standards in that course (except for P.E., and Level 3 Visual Art)
 - Complete sufficient credits in a single school year for your NCEA.
-

Q: WHAT IS CERTIFICATE ENDORSEMENT?

You have gained a total of 50 credits at Merit level or above overall, or 50 credits in total at Excellence level.

Q: WHAT IS THE NEW ZEALAND SCHOLARSHIP?

This is an additional qualification on the Register of New Zealand Quality Assured Qualifications. It is achieved through additional examinations. These examinations are most likely to be undertaken by only very academically able students.

Q: WHAT MINIMUM QUALIFICATIONS DO I NEED TO BE ABLE TO GAIN ENTRY TO UNIVERSITY?

University Entrance (UE) will continue to be the minimum requirement to go to a New Zealand university.

To be awarded UE you will need:

- NCEA Level 3
- Three subjects – at Level 3 or above, made up of: 14 credits each, in three approved subjects
- UE Literacy – 10 credits (available from specified standards) at Level 2 or above made up of:
 - 5 credits in writing
 - 5 credits in reading
- Numeracy – the 10 Numeracy credits (see above) or specified Achievement Standards available through Maths, or Unit Standards (32403, 32405, 32406).

Once you have met the requirements for University Entrance, it will appear on your Record of Achievement. You must also check the Vice Chancellor's list to ensure the subjects you are taking are eligible.

Q: CAN I ENTER ALL COURSES AT UNIVERSITY WITH THESE QUALIFICATIONS?

No. There are only a limited number of courses open to you at all universities with just these minimum qualifications.

Q: WHAT SHOULD I AIM FOR TO GAIN ENTRY TO A RESTRICTED COURSE AT UNIVERSITY?

The highest possible grades (ie: as many Excellence and/or Merit grades as possible) in a minimum of 80 credits at Level 3. Excellence and Merit grades give you a higher weighting than Achieved grades. Unit Standards only carry the same weighting as an Achieved grade in Achievement Standards. See Ms Chiaroni if you want more information about individual University courses.

Q: DO ANY COURSES REQUIRE EXTRA FEES TO BE PAID?

Yes. Course fees are stated in the option booklet and should be paid at the start of the school year. Parents/caregivers can set up automatic payments and pay throughout the year. Field trips must be paid BEFORE the trip occurs.

Q: WHAT IF I CHANGE MY MIND ONCE I HAVE HANDED MY OPTION SHEET IN?

The actual classes that run next year will be based on your choices now. It will only be possible to change your choices if a class is running and there is space in that class for you. You must choose carefully now to have a better chance of getting your first choice. Before the end of the year, you should receive subject confirmation from the Year Level Dean for 2024.

Q: WHEN DO I HAVE TO RETURN MY OPTION CHOICES?

Don't lose the Option Book or the Forms!

Please return completed Option Forms to your Form Teacher by Wednesday 11 September 2024.

APPROVED SUBJECTS FOR UNIVERSITY ENTRANCE

Applicants to New Zealand universities require credits in approved subjects.

Approved Subject	Achievement Standards
Accounting	91404, 91405, 91406, 91407, 91408, 91409
Agriculture & Horticulture	91528, 91529, 91530, 91531, 91532
Biology	91601, 91602, 91603, 91604, 91605, 91606, 91607, 91818, 91819
Business Studies	91380, 91382, 91384 91379, 91381, 91383, 91385, 91869, 91870, 91871
Calculus	91573, 91574, 91575, 91576, 91577, 91578, 91579, 91587
Chemistry	91387, 91388, 91389, 91390, 91391, 91392, 91393
Chinese	91533, 91534, 91535, 91536, 91537
Classical Studies	91200, 91201, 91202, 91203, 91204
Construction and Mechanical	91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91627, 91628, 91629, Technologies 91630, 91631 (DVC), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91643, 91644 (Processing Technologies), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau) and 91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 Digital Technologies and Hangarau Matihiko)
Cook Islands Maori	91538, 91539, 91540, 91541, 91542
Dance	91588, 91589, 91590, 91591, 91592, 91593, 91594, 91595, 91850, 91851, 91852, 91853, 91854
Design (Practical Art)	91440, 91445, 91450, 91455, and 91460, 91855, 91856, 91857, 91858, 91859
Design and Visual Communication	91627, 91628, 91629, 91630, 91631 (DVC), and 91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech) and 91643, 91644 (Processing Tech), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau) and 91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 (Digital Technologies and Hangarau Matihiko)
Digital Technologies and	91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 Hangarau Matahiko (DigiTech), and 91627, 91628, 91629, 91630, 91631 (DVC) and 91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT) and 91643, 91644 (Processing Tech), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau) and 91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 (Digital Technologies and Hangarau Matihiko)
Drama	91512, 91513, 91514, 91515, 91516, 91517, 91518, 91519, 91520, 91850, 91851, 91852, 91853, 91854
Earth and Space Science	91410, 91411, 91412, 91413, 91414, 91415
Economics	91399, 91400, 91401, 91402, 91403, 91829
Education for Sustainability	90828, 90831, 90832, 91735, 91736, 91813, 91814, 91820, 91827, 91831
English	91472, 91473, 91474, 91475, 91476, 91477, 91478, 91479, 91480
French	91543, 91544, 91545, 91546, 91547
Geography	91426, 91427, 91428, 91429, 91430, 91431, 91432, 91433
German	91548, 91549, 91550, 91551, 91552
Hangarau	See Hangarau/Technology below
Hauora*	91461, 91462, 91463, 91464, 91465 (Health Education), 91466, 91467, 91468, 91469, 91470, 91471 (Home Economics), and 91498, 91499, 91500, 91501, 91502, 91503, 91504, 91505, 91789 (Physical Education), 91811, 91812, 91813, 91814, 91815, 91816 (Hauora)
Health Education	91461, 91462, 91463, 91464, 91465, 91811, 91815, 91816
History	91434, 91435, 91436, 91437, 91438, 91439, 91830, 91834, 91835
History of Art	91482, 91483, 91484, 91485, 91488, 91486, 91487, 91489, 91855, 91856, 91857, 91858, 91859
Home Economics	91466, 91467, 91468, 91469, 91470, 91471
Indonesian	91645, 91646, 91647, 91648, 91649
Japanese	91553, 91554, 91555, 91556, 91557
Korean	91558, 91559, 91560, 91561, 91562

Approved Subject	Achievement Standards
Latin	91506, 91507, 91508, 91509, 91510, 91511
Mathematics/Pāngarau	91573, 91574, 91575, 91576, 91577, 91578, 91579, 91587 and 91580, 91581, 91582, 91583, 91584, 91585, 91586
Media Studies	91490, 91491, 91492, 91493, 91494, 91495, 91496, 91497
Music Studies	91417, 91418, 91419, 91421, 91424, 91416, 91420, 91422, 91423, 91425, 91849, 91860, 91861, 91862, 91863, 91864
New Zealand Sign Language	91822, 91823, 91824, 91825
Ngā Mahi a te Rēhia*	91850, 91851, 91852, 91853, 91854 (Ngā Mahi a te Rēhia), 91588, 91589, 91590, 91591, 91592, 91593, 91594, 91595 (Dance), 91512, 91513, 91514, 91515, 91516, 91517, 91518, 91519, 91520 (Drama), 91417, 91418, 91419 (Music Studies)
Ngā Toi*	91850, 91851, 91852, 91853, 91854 (Ngā Mahi a te Rēhia); 91855, 91856, 91857, 91858, 91859 (Ngā Toi Ataata); 91860, 91861, 91862, 91863, 91864 (Ngā Toi Puoro)
Ngā Toi Ataata*	91855, 91856, 91857, 91858, 91859 (Ngā Toi Ataata), 91482, 91483, 91484, 91485, 91488 (History of Art), 91440, 91445, 91450, 91455 (Visual Arts Design), 91441, 91446, 91451, 91456 (Painting), 91442, 91447, 91452, 91457 (Photography), 91443, 91448, 91453, 91458 (Printmaking), 91444, 91449, 91454, 91459 (Sculpture), and 91460 (Visual Arts), 91490, 91494, 91495 (Media Studies)
Ngā Toi Puoro*	91860, 91861, 91862, 91863, 91864 Ngā Toi Puoro (Music), 91512, 91513 (Drama), 91417, 91418, 91419, 91421, 91424 (Music Studies)
Pāngarau	See Mathematics/Pāngarau above
Painting (Practical Art)	91441, 91446, 91451, 91456, and 91460, 91855, 91856, 91857, 91858, 91859
Photography (Practical Art)	91442, 91447, 91452, 91457 and 91460, 91855, 91856, 91857, 91858, 91859
Physical Education	91498, 91499, 91500, 91501, 91502, 91503, 91504, 91505, 91789, 91812
Physics	91521, 91522, 91523, 91524, 91525, 91526, 91527
Printmaking (Practical Art)	91443, 91448, 91453, 91458, and 91460, 91855, 91856, 91857, 91858, 91859
Processing Technologies	91643, 91644 (Processing Tech), and 91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91627, 91628, 91629, 91630, 91631 (DVC), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau), and 91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 (Digital Technologies and Hangarau Matihiko)
Psychology	91872, 91873, 91874, 91875, 91876
Pūtaiao	See Science/Pūtaiao below
Science/Pūtaiao	91601, 91602, 91603, 91604, 91605, 91606, 91607 (Biology), and 91387, 91388, 91389, 91390, 91391, 91392, 91393 (Chemistry), and 91410, 91411, 91412, 91413, 91414, 91415 (Earth and Space Science), and 90828, 90831, 90832, 91735, 91736 (Education for Sustainability), and 91521, 91522, 91523, 91524, 91525, 91526, 91527 (Physics), and 91818, 91819, 91820, 91821 (Pūtaiao)
Religious Studies	90825, 90826, 90827, 91725
Samoan	91563, 91564, 91565, 91566, 91567
Sculpture (Practical Art)	91444, 91449, 91454, 91459, and 91460, 91855, 91856, 91857, 91858, 91859
Social Studies	91596, 91597, 91598, 91599, 91600, 91826, 91828, 91832, 91833, 91834, 91835
Spanish	91568, 91569, 91570, 91571, 91572
Statistics	91580, 91581, 91582, 91583, 91584, 91585, 91586
Te Ao Haka	91984, 91985, 91986, 91987
Technology/Hangarau	91620, 91621, 91622, 91623, 91624, 91625, 91626 (CMT), and 91627, 91628, 91629, 91630, 91631 (DVC), and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 (DigiTech), and 91643, 91644 (Processing Tech), 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619, 91836, 91837, 91838 (Hangarau) and 91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 (Digital Technologies and Hangarau Matihiko)
Te Reo Māori	91650, 91651, 91652, 91653, 91654
Te Reo Rangatira	91803, 91804, 91805, 91806, 91807, 91808, 91809, 91810, 91817
Tikanga ā-lwi*	91826, 91827, 91828, 91829, 91830, 91831, 91832, 91833, 91834, 91835
Tongan	91679, 91680, 91681, 91682, 91683

Please note that some University courses have specific entry requirements. If you would like more information about specific pre-requisites for University courses please see Ms Chironi.

Distance Education and Online Learning

Distance Education occurs when students and teachers are physically separate from one another during instruction and learning periods.

DISTANCE LEARNING

Distance Learning is the desired outcome of distance education. Distance education, also known as “online learning and e-learning” refers to any learning that is undertaken by students requiring them to have a teacher or tutor from outside our school. There are currently two avenues for distance education for our students. One is through the www.kotuiako.school.nz and the other one is the traditional Correspondence School. For some students the Kotui Ako option has proven to be more engaging for the learner.

HOW DOES IT WORK?

Students, referred to as e-students, are connected to their class through a video conference bridge where they can see both their teacher and the other students in their class from schools right throughout New Zealand. Through the weekly video-conferencing session, along with the wide range of digital resources now available, students can interact with their teacher and other students. Throughout the rest of the week students work on their own on the wide range of resources but can contact their e-teacher for assistance or extra tutorials. Ms Chiaroni, as the e-dean, provides the pastoral care of the e-students at Dargaville High School and ensures that e-students are making regular contact with their e-teacher.

Kotui Ako belongs to the **OLC - Online Learning Community** (vln.school.nz) which means our students have access to qualified teachers in a wide range of curriculum areas from all over New Zealand.

COURSES OFFERED THROUGH DISTANCE EDUCATION

There are a wide range of courses available. They can be found under ‘courses’ on the Kotui Ako website - www.kotui.school.nz Course outlines and pre-requisites can be found here. The next step is to speak to the e-dean - Ms Julie Chiaroni.

WHY DO WE NEED ONLINE LEARNING?

Where possible, your child will have a teacher from our school, but to ensure that your child’s learning needs are met, online learning is an excellent alternative.

Some reasons why your child may need to learn through distance learning:

1. Small class numbers at our school in a subject
2. A subject is not offered at our school
3. There is no qualified teacher in that subject or level at our school
4. A timetable clash
5. Student choice



WEEKLY VIDEO CONFERENCE CLASSES

E-students will be scheduled in a weekly class with their teachers (e-teacher), where they will be able to see their teacher and the other students in that class through the use of video conferencing.

The e-teacher will provide an internet-based online environment where resources are made available and forums set up where discussions can take place, homework can be downloaded and assessments can be uploaded. Students will no longer need to wait for their resources to arrive in the mail.

Students will have this online class on their timetable, so they will have an option line where they will be required to work independently or some supervision may be needed, depending on the student and school.



Students will need access to the internet and a device during this option line and the school will ensure this is made available. It is an advantage but not essential for students to have access to the internet after school hours.

IS ONLINE LEARNING SUITABLE FOR EVERYONE?

Our research and observations clearly indicate that this style of learning does not suit everyone.

In order for distance learning to be successful, students must:

1. Be able to work independently and to take responsibility for their own learning
2. Attend school regularly
3. Commit to attend the weekly video conference classes
4. Communicate with the e-teacher and e-dean
5. Meet the pre-requisites as stated in the course outlines
6. Gain approval from their school through the e-dean

Feel free to make contact with any of the following people

Ms J Chiaroni – Distance Learning DHS e-Dean jchiaroni@darghigh.school.nz

Amanda King – e-Principal at Kōtui Ako. secondary@kotuiako.school.nz





Vocational Pathways

a Youth Guarantee initiative

Gain NCEA Level 2 as you follow your pathway from learning to earning.



Colour your future with
Vocational Pathways

Vocational Pathways

WHAT ARE THE VOCATIONAL PATHWAYS?

The Vocational Pathways provide new ways to achieve NCEA Levels 1, 2 and 3 and develop pathways that progress to further study, training and employment. Achieving NCEA Level 2 is the foundation for success in further education and the world of work. Level 3 builds upon this, through shared opportunities across school, tertiary, and industry training. The Vocational Pathways provide a framework for students to show how their learning and achievement is valued in the workplace by aligning learning to the skills needed for industry.

Dargaville High School has implemented a pathway approach to help you in your choice of subjects at Years 11, 12 and 13. The pathway abbreviations are derived from the Ministry of Education Vocational Pathways. Students are able to achieve a Vocational Pathway endorsement in addition to NCEA Level 2. The six vocational pathways are:

- C Construction and Infrastructure Sector:**
Includes vocations such as plumber, gasfitter, civil engineer, architect.
- S Services Industries Sector:**
Includes vocations such as chef, travel agent, hair dresser, retailer, fitness trainer, events manager.
- M Manufacturing and Technology Sector:**
Includes vocations such as welder, automotive engineer, boat builder, electrician, food technologist.
- P Primary Industries Sector:**
Includes vocations such as dairy farmer, forestry contractor, horticultural worker, vet nurse.
- SC Social and Community Services Sector:**
Includes vocations such as doctor, nurse, fire fighter, police officer.
- CI Creative Industries Sector:**
Includes vocations such as artist, graphic designer, actor, stage set designer, web designer.



Throughout the Senior Option book you will see the vocation pathways identified as in the following table. Each pathway the standard is mapped to is identified with a dot, as in the example below;

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91367	Demonstrate understanding of advanced concepts relating to managing shared information within information systems	2	IN	4	-		•	•	•		•

LEVEL 2 VOCATIONAL PATHWAYS AWARD

The Award enables employers to assess more easily whether potential employees' skills align with their industry requirements. To receive a Vocational Pathways Award, students must first gain NCEA Level 2, which is 60 credits from Level 2, as well as the 20 credit co-requisites (see page 6). 10 of these credits must satisfy the literacy requirements, and 10 of these credits must satisfy the numeracy requirements. For more information about NCEA, go to the NZQA website.

To get a Vocational Pathways Award, a minimum of 20 Level 2 credits must be from Sector-Related standards, with the remaining from recommended standards to make up 60 pathway credits in total.

The Vocational Pathways Award(s) will show on a student's NZQA Record of Achievement. This is a real advantage when young people look for work and training opportunities in the sector.

To find out more, visit youthguarantee.net.nz where there is information for students and whanau, employers and education providers.

NCEA Level 2	Vocational Pathways Award 60 Level 2 credits from the recommended pathway(s)	of which at least 20 credits must be sector-related standards
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Academies

Hospitality

Agriculture

Building

Police

These courses are vocationally based and by undertaking one of these you are making a commitment to completing the course i.e. full attendance and complying with its requirements. The objective of these courses is to set you up on specific employment pathways with pre-apprentice or certificate skills recognised in these industries.

Selection for these courses will be based on your application and informal interview.

Hospitality Academy

SUBJECT: Hospitality Academy, Level 3	QUALIFICATION: National Certificate in Hospitality (Introductory Cookery) Level 3	NCEA: Level 3 (2 option lines)
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COURSE DESCRIPTION

This will be a one/two year course, containing approximately 45 credits, Students would work in this academy course for 15 hours per week (2 option lines) and the balance of time would be made up of core subjects that would work towards NCEA Level 3 credits. This is a Service Industry Pathway subject.

ASSESSMENT

Standards at Level 2 and Level 3 are for Service Industry Pathway credits in Hospitality that lead to further training in the Hospitality industry.

ENTRY RECOMMENDATION

Application requires parent/student/teacher interview and entry will be decided by HOD and Year Level Dean. Good literacy and numeracy skills. A genuine interest in the Hospitality Industry as a career choice is required to participate in this academy.

PITA Agriculture Academy

SUBJECT: Primary Industries Level 2 and 3	QUALIFICATION: Credits will count towards NCEA.	NCEA: Level 2 and 3 (ONE option line of Year 12 programme)
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COURSE DESCRIPTION

Primary Industry ITO's education portfolio for schools has evolved in recent years to meet the agricultural industry's need for a skilled workforce This new learning model encourages retention and supports contextualised learning in schools and is delivered via modular learning to expose students to a number of different sectors of the Primary Industries.

During their one day a week with Primary ITO, Year 12 and 13 students will gain versatile core skills applicable to everyday life and transferable across many vocations. Whilst developing basic practical skills, there is also a focus on developing essential life skills such as independence, confidence, initiative and working as a team. Topics may include literacy and numeracy, fencing, animal welfare and behaviour, health and safety, weather monitoring, pasture management, agri-chemicals, animal feeding, equine stable skills. All modules are supported with industry guest speakers and field trips.

Cohort size is 10.

Students will spend one day per week with Primary ITO on a farm, learning practical farming skills. In school, ONE option line is dedicated to completing the theory work required to gain the credits in the programme and for students to catch up on school work missed on their day out. As part of the programme delivery, Primary ITO will organise and provide transport, where required.

ASSESSMENT

Up to 20 Level 2 and 3 credits from Primary ITO's one day PITA programme.

ENTRY RECOMMENDATION

A genuine interest in the Primary Industry sector and pathway as a career choice. Entry will involve a pre-enrolment interview.

Building Academy

SUBJECT:
Building Level 2/3

QUALIFICATION:
Introductory National Certificate in Building

NCEA:
Level 2/3

COURSE DESCRIPTION

This course involves a range of practical and theoretical activities, all involved in practical building projects. It is designed for students who see building or other related trades as being their future career. The aim of the course is for students to develop pre-apprenticeship building and general trade skills through the completion of a range of onsite building projects, including the building of a transportable house.

ASSESSMENT

Vocational Unit Standards at Level 3 for Certificate in Building, in association with the BCITO.

ENTRY RECOMMENDATION

Good literacy and numeracy skills. A genuine interest in the Building Industry as a career choice is required to participate in this academy. A pre-enrolment interview is required.

Police Academy

SUBJECT:
Police Academy

QUALIFICATION:
NCEA Level 3 Credits

NCEA:
Level 3

COURSE DESCRIPTION

The Police Academy at Dargaville High School aims to prepare students for an occupation in the New Zealand Police. Working collaboratively with the aspiring police officers recruitment programme and the Dargaville Police, we have designed a course that looks at the necessary skill set to be a member of the New Zealand Police Force. Fitness is a key part of the programme and we train and prepare students to be familiar with the Physical Appraisal Test (PAT) that all New Cops must pass.

The Police Academy looks to build on confidence, resilience, and Key Competences of individuals. Students take part in a number of relevant and exciting activities, learning about firearm safety, tramping, camping, bushcraft skills and water safety (to name a few!). Students also have visiting guest speakers who talk about careers with the NZ Police and 'day-to-day' policing. Students work on NZQA Level 3 credits and the Police Academy is run one day a week.

ASSESSMENT

Up to 20 Level 3 credits from The Police Pathways Programme.

ENTRY RECOMMENDATION

The following are personal qualities required of Police Officers and are therefore the entry recommendations to the Police Academy course.

- good communicator
- able to relate to a wide range of people and cultures
- mature and responsible, and able to keep information private
- good at solving problems and making decisions
- patient and helpful
- honest and committed to people's safety
- disciplined and able to remain calm in emergencies
- good at written and verbal reporting
- able to work as part of a team.

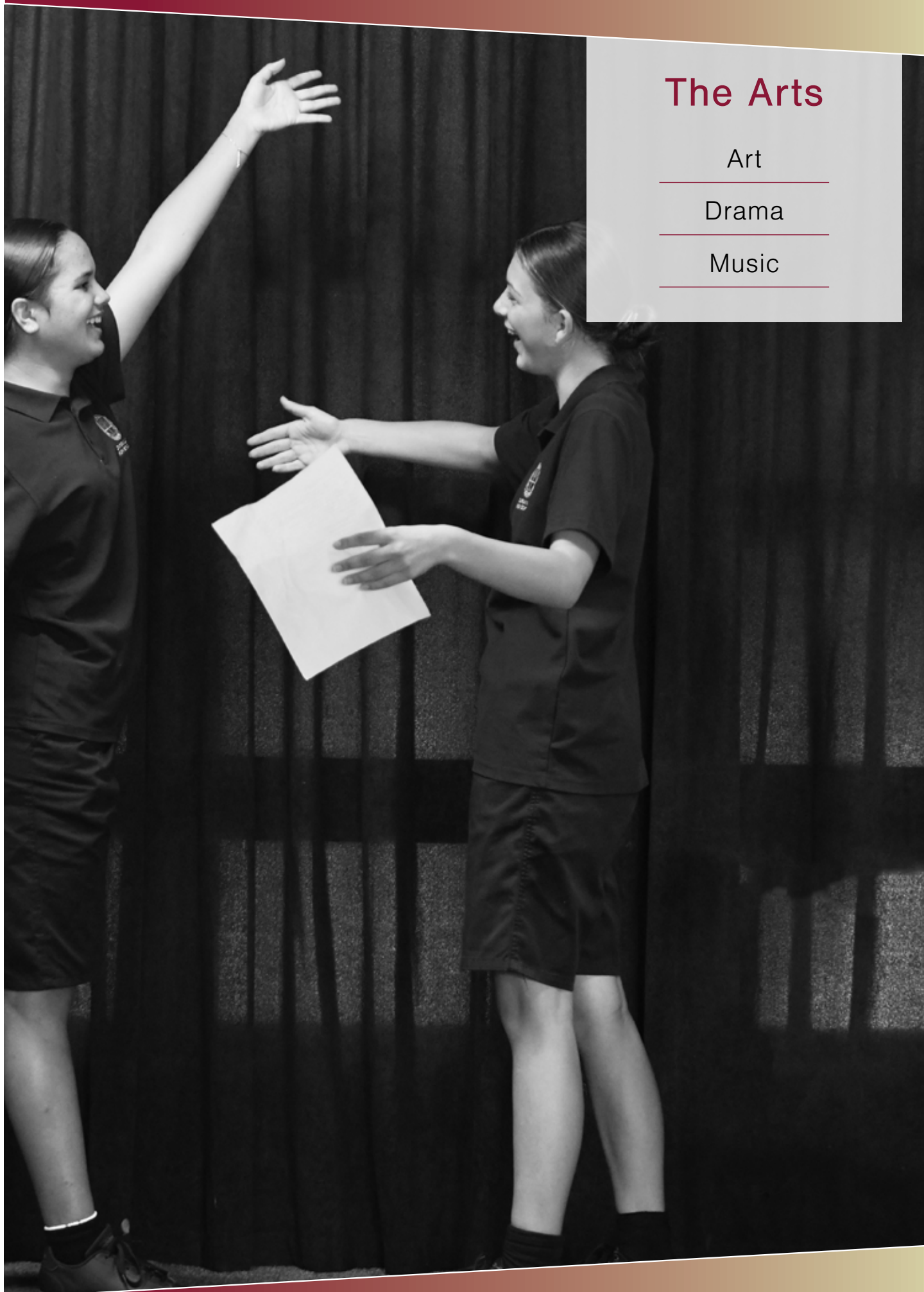


The Arts

Art

Drama

Music



COURSE TITLE:
Level 1 Visual Arts

QUALIFICATION:
NCEA Level 1

CODE:
L1ART

COURSE DESCRIPTION

- Drawing skills - with wet and dry media
- Knowledge of conventions within different fields of practice - Digital drawing, Printmaking, Painting and experimentation with a wide range of media
- Thinking - the ability to communicate and interpret methods and ideas from established practice (artists' models) to inform the students own work
- Imagination and creative problem solving - developing ideas in a related series of work (Systematic analysis and clarification of ideas)

ENTRY

Students who have completed Year 10 Art, with Teacher recommendation.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91912	Use practice-based visual inquiry to explore an Aotearoa New Zealand Māori context and another cultural context	1	IN	5	-						•
91913	Produce resolved artwork appropriate to established art making conventions	1	EX	5	-						•
91915	Create a sustained body of related artworks in response to an art making proposition	1	EX	5	-						•

COST: An optional art pack will be available for purchase. Take home materials (brushes, paints, boards, A3 folder). Recommend that students supply their own HB pencil, 6B pencil, eraser and pencil sharpener.

CONTACT PERSON: Mrs F Cooper – HOD Art/Teacher

COURSE TITLE:
Level 2 Art

QUALIFICATION:
NCEA Level 2

CODE:
L2ART

COURSE DESCRIPTION

Includes developing skills in painting, drawing and Photoshop

- Thinking: Analysis, Problem Solving when generating and resolving artworks
- Using language, symbols and texts: to be considered when resolving the composition of artworks, arrangement of these elements within artworks
- Managing Self: Time management and organisational skills will be developed
- Relating to Others: Group brainstorming/critiques, relating artworks to a specific audience
- Participating and Contributing: Positively critiquing the work of others, adding to the classroom environment

ENTRY

Students who have completed Level 1 Art, with Teacher recommendation.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91311	Use drawing methods to apply knowledge of conventions appropriate to Painting.	2	IN	4	-						•
91316	Develop ideas in a related series of drawings appropriate to established Painting practice.	2	IN	4	-						•
91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within Painting.	2	EX	12	-						•
91325	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.	2	IN	4	-	•					•

COST: An optional art pack will be available for purchase. Take home materials provided (brushes, paints, boards, A3 folder). Recommend that students supply their own HB pencil, 6B pencil, eraser and pencil sharpener.

CONTACT PERSON: Mrs F Cooper – HOD Art/Teacher

C Construction & Infrastructure

S Services Industries

M Manufacturing and Technology

P Primary Industries

SC Social and Community Services

CI Creative Industries

COURSE TITLE: Level 3 Art	QUALIFICATION: NCEA Level 3	CODE: L3ART
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COURSE DESCRIPTION

The aim of this course is to prepare students for University courses and to produce work towards a portfolio, potentially to use when applying for tertiary courses. They will be exposed to a range of media and skills relevant to their chosen discipline.

ENTRY

Students who have completed Level 2 Painting or with Teacher recommendation.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91446 Paint	Use drawing to demonstrate understanding of conventions appropriate to Painting	3	IN	4	-						•
91451 Paint	Systematically clarify ideas using drawing informed by Painting	2	IN	4	-						•
91456 Paint	Produce a systematic body of work that integrates conventions and regenerates ideas within Painting	2	EX	14	-						•
91460 All Disciplines	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.	2	IN	4	-						•

COST: An optional art pack will be available for purchase. Take home materials provided (brushes, paints, boards, A3 folder). Recommend that students supply their own HB pencil, 6B pencil, eraser and pencil sharpener.

CONTACT PERSON: Mrs F Cooper – HOD Art/Teacher

COURSE TITLE: Level 2 Printmaking	QUALIFICATION: NCEA Level 2	CODE: L2ARP
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COURSE DESCRIPTION

Students will explore their own themes and ideas using a range of different print media. They will build on the printmaking skills taught at Level One, etching and woodcut, and also learn new techniques such as Collograph. Photoshop and photography will be explored.

ENTRY

Students who have completed Level 1 Art, with Teacher recommendation.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91308	Demonstrate an understanding of methods and ideas from established practice appropriate to printmaking	2	IN	4	-		•				•
91313	Use drawing methods to apply knowledge of conventions appropriate to printmaking	2	IN	4	-						•
91323	Produce a systematic body of work that shows understanding of art making conventions and ideas within printmaking	2	EX	12	-						•
91325	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.	2	IN	4	R		•				•

COST: Take home materials provided (brushes, small set of printmaking tools, boards, A3 folder). Recommend that students supply their own HB pencil, 6B pencil, eraser and pencil sharpener.

CONTACT PERSON: Mrs F Cooper – HOD Art/Teacher

COURSE TITLE:
Senior Art History

QUALIFICATION:

CODE:
L3ARH

COURSE DESCRIPTION

This course will cover Level 3 standards and is designed to be completed over two years. Students will gain a broad knowledge of Art History and learn research and essay writing skills.

Topics covered: Year 1: The Late Renaissance in Italy (1480s-1520s) to Mannerism. Year 2: Modernism to Post-Modernism (1940's-c.2000)

ENTRY

Students who have completed a Level 1 or 2 English or History course, with Teacher recommendation.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91482	Demonstrate understanding of style in artworks	3	EX	4	R,W						•
91483	Examine how meanings are communicated through artworks	3	EX	4	R,W	•					•
91485	Examine the impact of media and process on artworks	3	IN	4	R		•				•
91486	Construct an argument based on interpretation of research in Art History	3	IN	4	R						•
91486	Examine relationship(s) between a theory and artworks	3	IN	4	R		•				•
91487	Examine the different values placed on artworks	3	IN								
91489	Analyse texts about Art	3	IN	4							

CONTACT PERSON: Mrs F Cooper – HOD Art/Teacher

COURSE TITLE: Contemporary Jewellery	QUALIFICATION: NCEA Level 2	CODE: L2ARJ
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COURSE DESCRIPTION

Students will explore themes and ideas using metals and found materials to design and create a contemporary jewellery object. They will develop 2D and 3D drawing skills appropriate to sculpture and design. This means using different drawing materials to explore ideas on paper and testing materials and forms through the making of 3D models. Students will learn construction techniques specific to jewellery making: cutting and fabricating metals using soldering and rivet techniques. Time will be split between classroom and workshop sessions. The course offers standards from Art and Art History subject areas and students may choose to do a selection of standards based on their needs and abilities.

ENTRY

Students who have completed Year 10 or Level One Art, Textiles or Hard Materials Technology, with Teacher recommendation.

Limited spaces: 16 Max – This is a mixed level 1 & 2 class. Preference will be given to Level 2 students first.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91314	2.2 Sculpture. Use drawing methods and skills to apply knowledge of conventions appropriate to sculpture	2	IN	4							
91315	2.3 Design. Develop ideas in a related series of drawings appropriate to established design practice	2	IN	4							
91325	2.5 Visual Art. Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	2	IN	4							
91183	2.4 Art History. Examine how media are used to create effects in art works	2	IN	4							

COST: Fee to be advised.

CONTACT PERSON: Mrs T Cohen

COURSE TITLE: Level 2 Drama	QUALIFICATION: NCEA Level 2	CODE: L2DRA
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COURSE DESCRIPTION

Includes:

- Techniques of Drama
- Performance features of a theatre form/period
- Devised theatre
- Performance in a class production
- Drama analysis

ENTRY

Level 1 Drama or by negotiation with TIC Drama

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91213	Apply drama techniques in a scripted context	2	IN	4	R						•
91214	Devise and perform a drama to realise an intention	2	IN	5	-						•
91218	Perform a substantial acting role in a scripted productions	2	IN	4	R						•
91220	Script a scene suitable for drama performances	2	IN	4	W						•
91219	Discuss drama elements , techniques, conventions and technologies within live performance	2	EX	4	W						•

STATIONERY: Clear file folder

CONTACT PERSON: Mrs J Carey – TIC Drama

COURSE TITLE: Level 3 Drama	QUALIFICATION: NCEA Level 3	CODE: L3DRA
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COURSE DESCRIPTION

Includes:

- Techniques of Drama
- Performance features of a theatre form/period
- Devised theatre
- Performance in a class production
- Drama analysis

ENTRY

Level 2 Drama or by negotiation with TIC Drama

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91512	Interpret scripted text to integrate drama techniques in performance	2	IN	4	-						•
91513	Devise and perform a drama to realise a concept	2	IN	5	-						•
91517	Perform a substantial acting role in a significant production	2	IN	5	R						•
91519 (optional)	Script a drama suitable for a live performance	3	IN	5	W						•
91518	Demonstrate understanding of live drama performance	2	EX	4	W						•

STATIONERY: Clear file folder

CONTACT PERSON: Mrs J Carey – TIC Drama

COURSE TITLE: Senior Level Screen and Stage (Levels 2 and 3)	QUALIFICATION:	CODE:
	NCEA Level 3	L3DSS

COURSE DESCRIPTION:

- A course aimed at students who have a passion for performance
- Mixture of Level 2 and 3 credits
- Consists of dance, elements of media studies and drama
- Focused on school-wide performances, such as Showquest and Theatrefest.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91209	Perform a repertoire of dance	2	IN	6	N						•
91592	Perform a repertoire of contrasting dances	3	IN	6	N						•
91513	Devise and perform a drama to realise a concept	2	IN	5	N						•
91214	Devise and perform a drama to realise an intention	2	IN	5	N						•
91495	Produce a media product to meet the requirements of a brief	3	IN	6	N						•

STATIONERY: Clear file folder

CONTACT PERSON: Mrs J Carey – TIC Drama

COURSE TITLE: Level 1 Music	QUALIFICATION:	CODE:
	NCEA Level 1	L1MUS

COURSE DESCRIPTION

Includes:

- Aural skills and score reading
- Music performance
- Music composition
- Analysing musical works

ENTRY

Successful completion of Year 10 Music or approval from HOD Music. MUST have an instrument at home to practise on.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91948	Use music skills in a music style	1	IN	5	-		•			•	•
91949	Demonstrate performance skills	1	IN	5	-		•			•	•
91950	Demonstrate understanding of music in relation to contexts	1	EX	5	-		•			•	•
91951	Shape music ideas to create an original composition	1	EX	5	-		•			•	•

STATIONERY: Clear file folder

CONTACT PERSON: Mrs Parkinson

COURSE TITLE:
Level 2 Music

QUALIFICATION:
NCEA Level 2

CODE:
L2MUS

COURSE DESCRIPTION

Includes:

- Aural skills and score reading
- Music performance
- Music composition
- An understanding of musical terms and genres

ENTRY

MUST have an instrument at home to practise on. Standards will be selected from the following:

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS						
						C	S	M	P	SC	CI	
91270	Perform two substantial pieces of music as a featured soloist	2	IN	6	-							•
91274	Perform a substantial piece of music as a featured soloist on a second instrument	2	IN	3	-							•
91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	2	IN	4	-							•
91271	Compose two substantial pieces of music	2	IN	6	-							•
91273	Devise an instrumentation for an ensemble	2	IN	4	-							•
91278	Investigate an aspect of New Zealand music	2	IN	4	-							•
91276	Demonstrate knowledge of conventions in a range of music scores	2	EX	4	-							•

STATIONERY: Clear file folder

CONTACT PERSON: Mrs Parkinson

COURSE TITLE:
Level 3 Music

QUALIFICATION:
NCEA Level 3

CODE:
L3MUS

COURSE DESCRIPTION

Includes:

- Music performance
- Understanding musical terms and genres in context
- Creating substantial compositions

ENTRY

MUST have an instrument at home to practise on. Standards will be selected from the following:

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS						
						C	S	M	P	SC	CI	
91416	Perform two programmes of music as a featured soloist	2	IN	8	-							•
91417	Perform a programme of music as a featured soloist on a second instrument	2	IN	4	-							•
91418	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	2	IN	4	-							•
91424	Create two arrangements for an ensemble	2	IN	4	-							•
91425	Research a music topic	2	IN	6	R							•
91421 optional	Demonstrate understanding of harmonic and tonal conventions in a range of music scores	2	EX	4	-							•
91849	Compose three original songs that express imaginative thinking	3	IN	8	-							•

STATIONERY: Clear file folder

CONTACT PERSON: Mrs Parkinson

C Construction & Infrastructure

S Services Industries

M Manufacturing and Technology

P Primary Industries

SC Social and Community Services

CI Creative Industries



Commerce

Commerce

COURSE TITLE:
Level 1 Commerce

QUALIFICATION:
NCEA Level 1

CODE:
L1COM

COURSE DESCRIPTION

This course combines aspects of Economics and Accounting.

Business Accounting

1. Prepare financial reports and information which meet business user needs
2. Process financial information and develop skills in communication, numeracy, information and problem solving

Economics

1. Examine the choices people make about the use of limited resources to satisfy unlimited wants
2. Explain and predict demand and supply of goods and services

Financial Capability

1. Examine the ways that money choices and income might change as you move through life
2. Examine ways to save or invest your money and make wise money choices

ENTRY

Open entry, although studying Year 10 Commerce would be an advantage.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS (max 19 credits)	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
28087	Demonstrate knowledge of the effect of life stages on personal income	1	IN	3	-		•				•
28089	Demonstrate knowledge of personal financial goal setting	1	IN	3	-		•		•		•
28090	Demonstrate knowledge of selected personal financial saving and investment that provide financial benefits	1	IN	3	-		•		•		•
28092	Explain the effect of significant life events on personal income at different life stages	2	IN	3	-						
	Plus one other L2 standard or US28088 if they haven't done it in Year 10	2	IN	3	-						

COST: \$30 Workbook (optional)

CONTACT PERSON: Ms J Smith

Vocational & Lifeskills

Vocational Studies

Lifeskills



COURSE TITLE:
Level 2 and 3 Vocational Studies

QUALIFICATION:
NCEA Level 2

CODE:
L2VOC

COURSE DESCRIPTION

This course is suitable for Level 2 or 3 students who are looking for workplace skills and work experience, considering apprentice training or seeking entry level work. A selection of these available standards can be chosen alongside a Gateway programme and placement.

ENTRY

Open entry

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
4251	Plan a career pathway	3	IN	2	-						
9681	Contribute within a group with an objective	3	IN	3	-						
4253	DKO of job search skills	2	IN	3	-				•	•	•
4261	Learner Driver + Licensing Course. Identify responsibilities in owning/driving a car	2	IN	3	-						
12349	Demonstrate knowledge of time management	2	IN	3	-	•		•	•	•	•
10781	Produce a plan for own future directions	2	IN	3	-				•		•
4252	Produce a targeted resume	2	IN	2	-				•	•	•
1980	Describe, from an employee perspective, ways of dealing with employment relationship problems	3	IN	2	-						
1294	Be interviewed in a formal interview	2	IN	2	-		•		•		•
11097	Listen to gain information	3	IN	3	-						
1296	Interview in a one-to-one situation	3	IN	3	-						
1304	Communicate with people from other cultures	3	IN	2	-						
9694	DKO and apply knowledge of communication process theory	3	IN	5	-						
7123	Apply a problem solving method to a problem	2	IN	2	-		•				•
7127	Exercise informed choice in deciding on a major goods or service purchase	2	IN	2	-						•

COST: \$30 for workbooks

CONTACT PERSON: Ms J Chiaroni

COURSE TITLE:
Lifeskills

QUALIFICATION:
NCEA Level 1 and Level 2

CODE:
L1LIF

COURSE DESCRIPTION

This course is designed for a student to gain entry into the workplace. The Lifeskills course integrates Gateway work experience, accessing hands-on and relevant experience of employment. This course is supplemented by internal assessments focusing on Vocational Pathways and business entrepreneurship. Students have the opportunity to design, make and market a product or service that they have designed, understanding how this product or service makes a profit.

ENTRY

Although there are no entry requirements to the Lifeskills course, students must demonstrate that they are 'work ready' as Work Experience is an essential part of this course. Students must demonstrate that they are able to work and collaborate as a team.

STANDARDS

Lifeskills is an internally assessed course. Please note: Assessments are amended to the strengths and employment interests of individual students.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
US22847	Demonstrate knowledge of innovation and entrepreneurship in business contexts	1	IN	2	-						
US62	Maintain personal presentation and a positive attitude in a workplace involving customer contact	2	IN	3	-		•		•		
US543	Work in a new workplace	1	IN	3	-						
US7121	Demonstrate skills to search and select information	1	IN	2	-						
US4261	Identify legal rights and obligations in relation to motor vehicle ownership and operation	2	IN	3	-						
US31512	Demonstrate knowledge of BCATS trades involved in the construction of a residential building	1	IN	2	-						
1978	Describe basic employment rights and responsibilities, and sources of information and/or assistance	1	IN*	3	-						
7121	Demonstrate skills to search and select information	1	IN	2	-						

STATIONERY: A4 refill

CONTACT PERSON: Mrs A Troath



Distance Learning and Gateway

Correspondence Courses

E-Learning

Gateway

SUBJECT:

Distance Learning through Te Kura
(Correspondence School)
Or Virtual Learning Network
Or STAR providers

QUALIFICATION:

Unit Standards and Achievement Standards at all levels

COURSE DESCRIPTION

A range of tertiary level and NCEA Distance Learning subjects is available. Students are monitored but must be self-disciplined, able to work with minimal supervision in an assigned room and must have approval from their Dean.

ASSESSMENT

Tasks are either open-book tests, assignments or closed-book tests under supervision for Unit Standards or internal and external assessments for Achievement Standards.

ENTRY RECOMMENDATION

Varies from subject to subject. Must have Dean's approval.

COURSE PATHWAY

Differs from subject to subject. NCEA level courses for some conventional school subjects and tertiary courses from a range of private providers for other subjects.

COST: Books charged as needed.

e-Learning through Kōtui Ako

Dargaville High School is a member school of Kōtui Ako (Virtual Learning Network Aotearoa) and is offering motivated students an opportunity to pursue their courses of study through e-learning courses, if the course they wish to study is:

- not currently offered at Dargaville High School
- clashes with another timetabled class
- offered through a tertiary organisation.

Students who apply must have a satisfactory record of attendance, meet the entry requirements and have demonstrated very good self management skills.

For more information on courses available, go to www.kotuiako.school.nz

For more information about Kōtui Ako you can view the website:www.kotuiako.school.nz

You can discuss your application with Ms Chiaroni.

SUBJECT:

Gateway Work Experience

QUALIFICATION:

A minimum of 20 Unit Standard credits in vocational subjects towards NCEA 1, 2 & 3

COURSE DESCRIPTION

An opportunity for motivated, self-disciplined senior students to have work experience in the industry or career path they are considering for future employment. Both in school and out-of-school time options are available. Students must commit to attending short courses to gain the required 20 credits.

ASSESSMENT

A range of selected, industry-specific Unit Standards are assessed in the workplace and at school.

ENTRY RECOMMENDATION

Commitment, 'can-do' attitude and enthusiasm.

COURSE PATHWAY

Can lead to further study, part time/full time work and/or apprenticeships.



English

English

English Academic

English Literacy

English Internal
Communication

COURSE TITLE: Level 1 English Academic	QUALIFICATION: NCEA Level 1	CODE: L1ENA
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COURSE DESCRIPTION

This course is designed to prepare students for the academic study of English. The course focuses on the study of literature and language (written, visual and oral). It is an appropriate course for those students who intend to study English to Level 3 and intend to study at university, as well as those who enjoy and have success in English.

COURSE REQUIREMENT

Ring Binder/refill/dividers or English exercise book. Pen.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
US32403	Read written texts to understand ideas and information	1	EX	5	-	•	•	•	•	•	•
US32405	Write texts to communicate ideas and information	1	EX	5	-	•	•	•	•	•	•
AS91925 (1.2)	Demonstrate understanding of specific aspects of studied text	1	IN	5	-	•	•	•	•	•	•
AS91926 (1.3)	Develop ideas in writing using stylistic and written conventions	1	EX	5	-	•	•	•	•	•	•
AS91927 (1.4)	Demonstrate understanding of significant aspects of unfamiliar texts	1	EX	5	-	•	•	•	•	•	•

STATIONERY: Ringbinder/refill/dividers, clearfile

CONTACT PERSON: Ms S Baume - HOD English

COURSE TITLE: Level 1 English Literacy	QUALIFICATION: NCEA Level 1	CODE: L1ENL
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COURSE DESCRIPTION

This course is designed for students who find achievement in more traditional courses a challenge and who are not yet ready for NCEA Level 1 English. The course aims to address basic literacy skills with interesting and relevant contexts. The texts will include both traditional and modern ones such as novels, short stories, articles and films. This course does not include the External Level 1 Exam.

COURSE REQUIREMENT

Ring Binder/refill/dividers or English exercise book. Pen.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
US32403	Read written texts to understand ideas and information	1	EX	5	-	•	•	•	•	•	•
US32405	Write texts to communicate ideas and information	1	EX	5	-	•	•	•	•	•	•
AS91925 (1.2)	Demonstrate understanding of specific aspects of studied text	1	IN	5	-	•	•	•	•	•	•
AS91926 (1.3)	Develop ideas in writing using stylistic and written conventions	1	EX	5	-	•	•	•	•	•	•

STATIONERY: Ringbinder/refill/dividers, clearfile

CONTACT PERSON: Ms S Baume - HOD English

COURSE TITLE:
Level 2 English Internal

QUALIFICATION:
NCEA Level 1 and Level 2.

CODE:
L2ENC

COURSE DESCRIPTION

This course is designed for Years 12 or 13 students who may find achievement in more traditional courses a challenge. The course aims to address basic literacy skills within interesting and relevant contexts. The texts will include both traditional and modern ones such as poems, short stories, articles and film. This course will NOT enable students to gain five reading and five writing literacy credits for tertiary entrance but will enable students to gain Level 1 Literacy in achievement standards and some Level 2 credits. A selection of standards below will be taken, depending on individual student strengths.

ENTRY

Must have passed at least 10 Level 1 English credits

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
Either AS91924 Optional	Demonstrate understanding of how context shapes verbal language use	1	IN	5	-	•	•	•	•	•	•
Or 91102	Construct and deliver a crafted and controlled oral text	2	IN	3							
Either AS91925	Demonstrate understanding of specific aspects of studied text	1	IN	5	-	•	•	•	•	•	•
Or 91107	Analyse aspects of visual and/or oral text(s) through close viewing and /or listening, supported by evidence	2	IN	3	-						•
Either 91103 Optional	Create a crafted and controlled visual and verbal text	2	IN	3	-	•	•		•	•	•
Either 91926	Develop ideas in writing using stylistic and written conventions	1	EX	5	-						
Or 91104	Analyse significant connections across texts, supported by evidence	2	IN	4	-	•	•	•	•	•	•

STATIONERY: Ringbinder/refill/dividers, clearfile or standard exercise book (1B4) (1B5)

CONTACT PERSON: Ms S Baume - HOD English

COURSE TITLE:
Level 2 English Academic

QUALIFICATION:
NCEA Level 2

CODE:
L2ENA

COURSE DESCRIPTION

This course focuses on the study of literature and language (written, visual and oral). It is an appropriate course for those students who intend to study English to Level 3 and intend to study at university, as well as for those students who enjoy and have success in English. Students need to have reasonable reading and writing skills in order to achieve in this course.

ENTRY

At least 14 credits in Level One English, including achievement of at least one Level One external standard.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91098	Analyse specified aspect/s of studied written text/s, supported by evidence	2	EX	4	R,W	•	•	•	•	•	•
91099	Analyse specified aspect/s of studied visual or oral text/s, supported by evidence	2	EX	4	W	•	•	•	•	•	•
91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	2	EX	4	R,W	•	•	•	•	•	•
91101	Produce a selection of crafted and controlled writing	2	IN	6	W	•	•	•	•	•	•
91105	Use information literacy skills to form developed conclusions	2	IN	4	R	•	•	•	•	•	•
91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	2	IN	3	-	•	•		•	•	•

STATIONERY: Ringbinder/refill/dividers, clearfile. \$15 Novel (optional)

CONTACT PERSON: Ms S Baume - HOD English

COURSE TITLE:
Level 3 English Academic

QUALIFICATION:
NCEA Level 3

CODE:
L3ENA

COURSE DESCRIPTION

This course focuses on the study of literature and language (written, visual and oral). It is an appropriate course for those students who intend to study Humanities, Law or Arts subjects at university. Good reading and writing skills are required to succeed in this course. A selection of the standards below will be taken, depending on individual students' strengths.

ENTRY

University Entrance Literacy credits: 5 reading/5 writing, and including achievement of at least one Level 2 external standard.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91472	Respond critically to specified aspect/s of studied written text/s, supported by evidence	3	EX	4	R,W	•	•	•	•	•	•
91473	Respond critically to specified aspect/s of studied visual or oral text/s, supported by evidence	3	EX	4	W	•	•	•	•	•	
91474*	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	3	EX	4	R,W	•	•	•	•	•	
91475	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas	3	IN	6	W	•	•		•	•	•
91479	Develop an informed understanding of literature and/or language using critical texts	3	IN	4	R	•	•		•	•	•
91480	Respond critically to significant aspects of visual and/or oral texts through closed reading, supported by evidence	3	IN	3	-						•

* Can be added as an additional external

STATIONERY: Ringbinder, refill, dividers, clearfile

CONTACT PERSON: Ms S Baume - HOD English

COURSE TITLE: Level 3 English Literacy	QUALIFICATION: NCEA Level 2 and Level 3. Standards offered are Level 2 unless indicated.	CODE: L3ENL
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COURSE DESCRIPTION

This course is for those students intending to attend a tertiary institution who have not yet met the literacy requirements for tertiary entrance. Students must have proved themselves capable of achieving Level 2 English and must gain HOD's and Dean's approval to take this course.

ENTRY

Minimum of 4 Level 2 AS credits and recommendation by Year 12 English teacher. Student must be on a University pathway.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91475	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas	3	IN	6	W	•	•		•	•	•
91478	Respond critically to significant connections across texts, supported by evidence	3	IN	4	-	•	•	•	•	•	•
Or 91479	Develop an informed understanding of literature and/or language using critical texts	3	IN	4	R	•	•		•	•	•
91473 Optional	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence (optional)	3	EX	4	-	•	•	•	•	•	
91480	Respond critically to significant aspects of visual and/or oral texts through closed reading, supported by evidence	3	IN	4	-						•

STATIONERY: Ringbinder/refill/dividers or standard exercise book (1B4) (1B5)

CONTACT PERSON: Ms S Baume - HOD English

Māori

Te Reo Māori



COURSE TITLE:
Level 1 Te Reo Māori

QUALIFICATION:
NCEA Level 1

CODE:
L1MAO

COURSE DESCRIPTION

This course enables students to be conversant in familiar contexts eg Whakarongo – listen to and understand spoken Te Reo Māori; Korero – converse in Te Reo Māori; Panui – read in Te Reo Māori; Tuhituhi – write in Te Reo Māori. Waihanga – crafted writing using language features in Māori. Students will study a selection of the standards below.

ENTRY

Year 10 Te Reo Māori is a pre-requisite. Entry with approval.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
92092	Te kōrerorero i ngā pārongo, i ngā ariā me ngā whakaaro	1	IN	5	N	•	•	•	•	•	•
92093	Te whakapuaki whakaaro e pā ana ki tētahi horopaki e ora nei te reo	1	IN	5	N	•	•	•	•	•	•
92094	Te whakaatu i te māramatanga ki te reo Māori me ōna mātāpono i tētahi horopaki e taunga ana	1	EX	5	N	•	•	•	•	•	•
92095	Te tuhi e pā ana ki tētahi horopaki e taunga ana	1	EX	5	N	•	•	•	•	•	•

STATIONERY: 1 x 1 B8 Exercise Book, 1 x refill

CONTACT PERSON: Whaea Laken Kelly

COURSE TITLE:
Level 2 Te Reo Māori

QUALIFICATION:
NCEA Level 2

CODE:
L2MAO

COURSE DESCRIPTION

This course enables students to be conversant in less familiar contexts eg Whakarongo – listen to and understand complex spoken language; Korero – converse in Te Reo Māori using complex language; Panui – read in Te Reo Māori using complex language; Tuhituhi – write in Te Reo Māori using complex language. Waihanga – crafted writing using language features in Māori. Students will study a selection of the standards below.

ENTRY

Level 1 Te Reo Māori and excellent literacy skills. Entry with approval.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91284	Whakarongo kia mōhio ki te reo o te ao torotoro	2	IN	4	-	•	•			•	•
91285	Kōrero kia whakamahi i te reo o te ao torotoro	2	IN	6	-	•	•			•	•
91286	Pānui kia mōhio ki te reo o te ao torotoro	2	EX	6	-	•	•			•	•
91287	Tuhi i te reo o te ao torotoro	2	EX	6	W	•	•			•	•
91288	Waihanga Tuhinga i te Reo o Tona Ao	2	IN	6	W	•	•			•	•

STATIONERY: 1 x 1 B8 Exercise Book

CONTACT PERSON: Whaea Laken Kelly

A black and white photograph of a young man with dark hair and glasses, wearing a polo shirt, looking down at a book or document. The image is framed by a dark red and gold border at the top and bottom.

Mathematics

Mathematics with Algebra

Mathematics with Statistics

Mathematics Applied

Mathematics with Calculus

Statistics and Modelling

Calculus

COURSE TITLE: Level 1 Mathematics with Algebra	QUALIFICATION: NCEA Level 1	CODE: L1MAT
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COURSE DESCRIPTION

This course allows students to develop their understanding across a broad range of mathematics and statistics.

Students will solve problems relevant to life in Aotearoa and the Pacific and in mathematical contexts. Students will complete a statistical investigation using the PPDAC cycle.

Students will develop their ability to use algebra as a tool to generalise and reason.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
AS 91944 v2	1.1 - Explore data using a statistical enquiry process	1	IN	5	-	•	•	•	•	•	•
AS 91945 v2	1.2 - Use mathematical methods to explore problems that relate to life in Aotearoa or the Pacific	1	IN	5	-	•	•	•	•	•	•
AS 91947	1.4 - Demonstrate mathematical reasoning	1	EX	5	-	•	•	•	•	•	•

COST: \$35 Workbook + Graphics calculator + 3 x 1E5 exercise books

CONTACT PERSON: Ms K Mackereth, HOD Maths

COURSE TITLE: Level 1 Mathematics with Statistics	QUALIFICATION: NCEA Level 1	CODE: L1MAT
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COURSE DESCRIPTION

This course allows students to develop their understanding across a broad range of mathematics and statistics. Students will solve problems relevant to life in Aotearoa and the Pacific and in mathematical contexts.

Students will complete a statistical investigation using the PPDAC cycle and learn to interpret statistical information. Students who have not yet achieved the Numeracy co-requisite will have the opportunity to prepare for the Common Assessment Activity in this course.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
AS 91944 v2	1.1 - Explore data using a statistical enquiry process	1	IN	5	-	•	•	•	•	•	•
AS 91945 v2	1.2 - Use mathematical methods to explore problems that relate to life in Aotearoa or the Pacific	1	IN	5	-						
AS 91946 v2	1.3 - Interpret and apply mathematical and statistical information in context	1	EX	5	-						

COST: \$35 Workbook + 1 x 1E5 exercise books, scientific calculator, ruler, pens and pencils

CONTACT PERSON: Ms K Mackereth, HOD Maths

COURSE TITLE:
Level 1 Mathematics Applied

QUALIFICATION:
NCEA Level 1

CODE:
L1MAP

COURSE DESCRIPTION

This is a year-long course where students will have the opportunity to prepare to sit the Common Assessment Activity in Term 2 as well as completing up to two internal achievement standards.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
US 32406 v2	Use mathematics and statistics to meet the numeracy demands of a range of situations	1	EX	10	-	•	•	•	•	•	•
AS 91944 v2	1.1 - Explore data using a statistical enquiry process	1	IN	5	-						
AS 91945 v2	1.2 - Use mathematical methods to explore problems that relate to life in Aotearoa or the Pacific	1	IN	5	-						

Additional credits are available via Financial Literacy Sorted credits

STATIONERY: 1 x 1E5 Exercise book, pens and pencils

CONTACT PERSON: Ms K Mackereth, HOD Maths

COURSE TITLE:
Level 2 Mathematics with Calculus

QUALIFICATION:
NCEA Level 2

CODE:
L2MAT

COURSE DESCRIPTION

Includes:

- Algebra extension
- Graphs
- Trigonometry
- Abstract thinking
- Calculus
- Geometry
- Probability and statistics
- Logic and reasoning

ENTRY

By discretion of HOD

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91256	Apply co-ordinate geometry in solving problems	2	IN	2	-	•	•	•			•
91259	Apply trigonometric relationships in solving problems	2	IN	3	-	•		•			•
91261	Apply algebraic methods in solving problems	2	EX	4	-	•		•	•		•
91262	Apply calculus methods in solving problems	2	EX	5	-	•		•	•		•
91267	Apply probability methods in solving problems	2	EX	4	-		•		•	•	•

COST: \$35 - Workbooks, Graphics Calculator (option to rent or purchase via School)

CONTACT PERSON: Ms K Mackereth, HOD Maths

C Construction & Infrastructure

S Services Industries

M Manufacturing and Technology

P Primary Industries

SC Social and Community Services

CI Creative Industries

COURSE TITLE: Level 2 Mathematics with Statistics	QUALIFICATION: NCEA Level 2	CODE: L2MAL
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COURSE DESCRIPTION

Students will learn skills in dealing with Geometry, Probability, Statistics and Number in a range of meaningful contexts. A selection of these standards will be sat in 2025.

ENTRY

By discretion of HOD

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91260	Apply network methods in solving problems	2	IN	2	-	•	•	•	•	•	•
91259	Apply trigonometric relationships in solving problems	2	IN	3	-	•		•			•
91264	Use statistical methods to make an inference	2	IN	4	-	•	•	•			•
91267	Apply probability methods in solving problems	2	EX	4	-		•		•	•	•
91268	Investigate a situation using simulation	2	IN	2	-				•	•	

COST: \$35 - Workbooks, Graphics Calculator (option to rent or purchase via School)

CONTACT PERSON: Ms K Mackereth, HOD Maths

COURSE TITLE: Level 3 Statistics and Modelling	QUALIFICATION: NCEA Level 3	CODE: L3SAM
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COURSE DESCRIPTION

Includes:

- Statistical thinking, reasoning, inference
- Ability using probability to explore a situation
- Research topics to extend real world knowledge
- Probability techniques and distributions
- Make connections and consider implications

ENTRY

By discretion of HOD

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91580	Investigate times series data	3	IN	4	-				•	•	
91581	Investigate bivariate measurement data	3	IN	4	-				•		
91585	Apply probability concepts in solving problems	3	EX	4	-		•		•	•	
91586	Apply probability distributions in solving problems	3	EX	4	-		•		•	•	
91587	Apply systems of simultaneous equations in solving problems	3	IN	3	-	•		•	•		
91582	Use statistical methods to make an inference	3	IN	4	-		•		•	•	•

COST: \$35 - Workbooks, Graphics Calculator (option to rent or purchase via School)

CONTACT PERSON: Ms K Mackereth, HOD Maths

COURSE TITLE:
Level 3 Calculus

QUALIFICATION:
NCEA Level 3

CODE:
L3MAC

COURSE DESCRIPTION

Includes:

- Algebra
- Conics
- Trigonometry
- Logic & Reasoning
- Calculus: Differentiation, Integration, Differential Equations
- Complex Numbers
- Abstract thinking

ENTRY

By discretion of HOD

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91577	Apply the algebra of Complex Numbers in solving problems (optional)	3	EX	5	-						
91578	Apply differentiation methods in solving problems	3	EX	6	-			•	•	•	
91579	Apply integration methods in solving problems	3	EX	6	-	•		•	•	•	•
91574	Apply linear systems in solving problems	3	IN	2	-	•		•	•		

STATIONERY: Workbook (\$35)

CONTACT PERSON: Ms K Mackereth, HOD Math

Physical Education

Physical Education



COURSE TITLE: Level 1 Physical Education	QUALIFICATION: NCEA Level 1	CODE: L1PED
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COURSE DESCRIPTION

Includes:

- how the body functions when undertaking physical activities
- examine group dynamics and their impact on group activities
- how to improve performance using a variety of strategies and promote physical activity to others

ENTRY

Open.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS						
						C	S	M	P	SC	CI	
92016	Apply movement strategies in an applied setting	1	IN	5	-		•				•	•
92017	Demonstrate understanding of how kotahitanga is promoted in movement through application of strategies	1	IN	5	-		•				•	•
92018	Demonstrate understanding of the influence of a personal movement experience on hauora	1	EX	5	-		•				•	•

STATIONERY: Refill Pad x2 or A4 Notebook

CONTACT PERSON: Ms A Sage – HOD Physical Education

COURSE TITLE: Level 2 Physical Education (Academic)	QUALIFICATION: NCEA Level 2	CODE: L2PED
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COURSE DESCRIPTION

Includes:

- knowledge of surrounding biophysical principles relating to skill learning and training for physical activities
- perform a physical activity to a national standard
- identify effective group dynamics and also work within a community to implement and manage an activity promoting health and fitness

ENTRY

Level 1 PE or teachers' discretion.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS						
						C	S	M	P	SC	CI	
91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	2	IN	4	-		•					•
91330	Perform a physical activity in an applied setting	2	IN	4	-		•					•
91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	2	IN	3	-		•				•	•
91331	Examine the significance for self, others and society of a sporting event, a physical activity or a festival	2	IN	4	-		•				•	•

COST: Tough Guy/Tough Gal Challenge (entry and travel). \$90 (estimate)

STATIONERY: Refill Pad x2 or A4 Notebook.

CONTACT PERSON: Ms A Sage – HOD Physical Education

C Construction & Infrastructure	S Services Industries	M Manufacturing and Technology	P Primary Industries	SC Social and Community Services	CI Creative Industries
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COURSE TITLE:
Level 3 Physical Education

QUALIFICATION:
NCEA Level 3

CODE:
L3PED

COURSE DESCRIPTION

Includes:

- evaluating physical activities
- performing and analysing a physical activity
- identify effective group dynamics and also work within a community to implement and manage an activity promoting health and fitness.

ENTRY

Level 2 and/or Level 1 PE or teachers' discretion.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	3	IN	4	-		•			•	
91500	Evaluate the effectiveness of a performance improvement programme	3	IN	4	-		•				•
91501	Demonstrate quality performance of a physical activity in an applied setting	3	IN	4	-		•				•
91502	Examine a current physical activity event, trend, or issue and its impact on New Zealand society	3	IN	4	R		•			•	

COST: Tough Guy/Tough Gal Challenge (entry and travel). \$90 (estimate)

CONTACT PERSON: Ms A Sage – HOD Physical Education

Hospitality

Hospitality

Hospitality Academy



COURSE TITLE:
Level 1 Hospitality

QUALIFICATION:
NCEA Level 1

CODE:
L1HOS

COURSE DESCRIPTION

A practical course including skills associated with:

- Introduction to the Hospitality Industry
- Food safety
- Food preparation
- Cookery workplace practice.

ENTRY

Year 10 Food and Nutrition is an advantage. Entry with HOD approval. This is a Service Industry Pathway subject.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
15901	Prepare and present fruit and vegetables in the hospitality industry	1	IN	3	-	•					
19770	Prepare and present egg and cheese dishes in the hospitality industry	1	IN	3	-	•					
15919	Prepare and present hot finger food in the hospitality industry	1	IN	2	-	•					
15920	Prepare and present sauce and soup in the hospitality industry	1	IN	2	-	•					
15921	Prepare and cook a cake, a sponge and scones in the hospitality industry	1	IN	3	-	•					
21057	Prepare, construct and garnish mocktails for the hospitality industry	1	IN	2	-	•					
21058	Identify career pathways in the hospitality industry	1	IN	2	-	•					
21059	Demonstrate knowledge of knife care, use storage and carrying for the hospitality industry	1	IN	2	-	•					

STATIONERY: A4 folder and dividers

Solid black shoes must be worn for all practical lessons.

CONTACT PERSON: Ms F Powell – HOD Food Studies

COURSE DESCRIPTION

A practical course including skills associated with:

- Food preparation
- Presentation
- Food service
- Hospitality Industry skills and knowledge
- Cookery skills
- Coffee appreciation (extension)
- Assessment both theory and practical

ENTRY:

Level 1 Hospitality or entry with HOD approval. This is a Service Industry Pathway subject. A selection of the standards below is offered, depending on student interests and skills.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
Schools Cookery 2											
167	Practise food safety methods in a food business	2	IN	4	-	•					
13285	Handle and maintain knives in a commercial kitchen	2	IN	2	-	•					
13276	Cook food items by grilling	2	IN	2	-	•					
13283	Prepare and present salads for service in a commercial kitchen	2	IN	2	-	•					
17285	Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision	2	IN	4	-	•					
17286	Prepare and present pressed coffee for service	2	IN	2	-	•					
17287	Prepare and present filtered coffee for service	2	IN	2	-	•					
Schools Cookery 4											
13271	Cook items by frying	2	IN	2	-	•					
13280	Prepare fruit and vegetable cuts	2	IN	2	-	•					
13281	Prepare and present basic sandwiches for service	2	IN	2	-	•					

STATIONERY: A4 folder and dividers

Solid black shoes must be worn for all practical lessons.

CONTACT PERSON: Ms F Powell– HOD Food Studies

COURSE TITLE:
Level 3 Hospitality Academy

QUALIFICATION:
NCEA Level 3

CODE:
L3HOS

COURSE DESCRIPTION

A practical course including skills associated with:

- Food preparation
- Food service
- Cookery skills
- Assessment both theory and practical. This is a Service Industry Pathway subject. A range of Level 3 practical cookery units will be offered.
- Presentation
- Hospitality Industry skills and knowledge
- Barista training

ENTRY

Level 2 Hospitality or entry with HOD approval.

A selection of the standards below are offered in this class depending on student interests and skills.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
18497	Display knowledge of culinary products and terms	3	IN	8	-						
13282	Prepare, assemble, and present complex sandwiches for service in a commercial kitchen	3	IN	2	-						
13331	Prepare and cook pickles, chutneys, and preserves in a commercial kitchen	3	IN	4	-						
17284	Display knowledge of coffee origin and production	3	IN	3	-						
17288	Prepare and present espresso beverages for service	3	IN	5	-						
13278	Cook food items by roasting	2	IN	2	-						
13343	Display knowledge of basic nutrition in commercial catering	3	IN	5	-						
13314	Prepare and cook egg dishes in a commercial kitchen	3	IN	4	-						
167*	Practise food safety methods in a food business under supervision (pre-requisite to Level 3)	2	IN ***	4			•				
13310	Prepare and produce basic hot and cold dessert items in a commercial kitchen	3	IN	5							

*** recommended skills and knowledge (prerequisite – must complete for level 2 /3 cookery credits)

STATIONERY: A4 folder and dividers

CONTACT PERSON: Ms F Powell – HOD Food Studies

Solid black shoes must be worn for all practical lessons.



Social Sciences

History

Travel and Tourism

COURSE TITLE: Level 1 History	QUALIFICATION: NCEA Level 1	CODE: L1HIS
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COURSE DESCRIPTION

This course will develop a deeper awareness of today's society by gaining an understanding of where we have come from and how history has shaped the world. A sense of national identity will be gained by investigating events of significance to New Zealanders.

ENTRY

There is no prerequisite for entry into Level 1 History but an interest in the subject is desirable, a satisfactory completion of Social Studies work at Year 10, and an aptitude for reading and writing are required.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS						
						C	S	M	P	SC	CI	
92024	Engage with a variety of primary sources in a historical context	1	IN	5	-		•				•	•
92025	Demonstrate understanding of the significance of a historical context	1	IN	5	-		•				•	•
92026	Demonstrate understanding of historical concepts in contexts of significance to Aotearoa New Zealand	1	EX	5	-		•				•	•
92027	Demonstrate understanding of perspectives on a historical context	1	EX	5	-		•				•	•

STATIONERY: 2 x 1B5 Exercise books, A4 Refill. Study Guides recommended.

CONTACT PERSON: Mrs T Cohen – HOD Social Sciences

COURSE TITLE: Level 2 History	QUALIFICATION: NCEA Level 2	CODE: L2HIS
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COURSE DESCRIPTION

This course builds on Level 1 History studies and examines in greater depth events, both in Aotearoa and beyond our borders, that have impacted and shaped our society and values. Causes, consequences and perspectives on historical events are identified and understood in the context of historical forces and movements that have affected the world.

ENTRY

It is not essential to have studied History at Level 1 but a strong interest in the subject and competent literacy skills are recommended.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS						
						C	S	M	P	SC	CI	
91229	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	2	IN	4	R		•					•
91230	Examine an historical event or place of significance to New Zealanders	2	IN	4	R		•					•
91231	Examine sources of an historical event that is of significance to New Zealanders	2	EX	4	R,W							•
91232	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	2	IN	5	R							•
91233	Examine causes and consequences of a significant historical event	2	EX	5	R,W							•

STATIONERY: 2 x 1B5 Exercise books, A4 Refill. Study Guides recommended.

CONTACT PERSON: Mrs T Cohen – HOD Social Sciences

COURSE TITLE: Level 3 History	QUALIFICATION: Credits towards NCEA Level 3	CODE: L3HIS
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COURSE DESCRIPTION

This course covers deep consideration of historical events that are of significance to New Zealanders. Students will learn analytical approaches to understanding historical movements, and events from the historian's perspective.

ENTRY

While it is possible to take Level 3 without studying the subject before, it is strongly recommended that students have a high level of literacy in reading and writing and an avid interest in History.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91434	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	3	IN	5	R		•		•		
91435	Analyse an historical event or place of significance to New Zealanders	3	IN	5	R		•		•		•
91436	Analyse evidence relating to an historical event of significance to New Zealanders	3	EX	4	R,W				•		
91437	Analyse different perspectives of a contested event of significance to New Zealand	3	IN	5	R						•
91438	Examine the causes and consequences of an historical event	3	EX	6	R,W						

STATIONERY: 2 x 1B5 Exercise books, A4 Refill. Study Guides recommended.

CONTACT PERSON: Mrs T Cohen – HOD Social Sciences

COURSE TITLE: Level 2 and 3 Travel and Tourism	QUALIFICATION: The New Zealand Certificate of Tourism Level 2	CODE: L2TOU
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COURSE DESCRIPTION

This course will include:

- Knowledge of work roles in tourism
- Knowledge of NZ as a tourist destination
- Indigenous values of manaakitanga and whanaungatanga
- Knowledge of tourist characteristics and needs
- Knowledge of world tourist destinations

The purpose of this course is to provide individuals with the knowledge and basic skills which recognise the importance of tourism to the country's economy. Students will study a selection of the standards below.

ENTRY

Open entry

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
24728	Demonstrate knowledge of roles in tourism	2	IN	3	-		•				
24729	Demonstrate knowledge of world tourist destinations	2	IN	4	-		•				
24730	Demonstrate knowledge of the business of tourism	2	IN	4	-		•				
24731	Demonstrate knowledge of destination New Zealand	2	IN	4	-		•				
24732	Demonstrate knowledge of tourist characteristics	2	IN	3	-		•				
24733	Describe and promote a tourist destination	3	IN	3	-						
3727	Demonstrate knowledge of South Pacific	3	IN	5	-						
18211	Demonstrate knowledge of Australia as a tourist destination	3	IN	8	-						
18212	Demonstrate knowledge of NZ as a tourist destination	3	IN	8	-						

Māori Tourism Unit Standards are also available.

CONTACT PERSON: Ms J Hodgson

C Construction & Infrastructure	S Services Industries	M Manufacturing and Technology	P Primary Industries	SC Social and Community Services	CI Creative Industries
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Science

Science

Biology

Chemistry

Physics



COURSE TITLE: Level 1 Science Course	QUALIFICATION: NCEA Level 1	CODE: L1SCI
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TOPICS

- Genetic Variation and Inheritance
- Chemical Reactions
- Physics Phenomena and Investigation / Energy in Physical Systems
- Science Related Claims in Communicated Information

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS (max 20 credits)	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
92045	PESS 1.2 Physics Phenomena	1	IN	5	-	•	•	•	•		•
92047	PESS 1.4 Energy	1	EX	5	-	•	•	•	•		•
92022	CB 1.3 Genetic Variation	1	EX	5	-						
92021	CB 1.2 Chemical Reactions	1	IN	6	-						
91923	SCI 1.4 Science Related Claims	1	EX	5		•		•	•	•	•

CONTACT PERSON: Mr P Barnes - HOD Science

COURSE TITLE: Science Applied Course	QUALIFICATION: NCEA Level 1	CODE: L1SCA
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TOPICS

- Chemical Reactions
- Microbes and Humans
- Physics Phenomena

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS (max 20 credits)	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
92045	1.2 Physics Phenomena	1	IN	5	-	•	•	•	•		•
92021	1.2 Chemical Reactions	1	IN	6	-						
92020	1.1 Demonstrate understanding of the relationship microorganisms and the environment	1	IN	5	-						

CONTACT PERSON: Mr P Barnes - HOD Science

COURSE TITLE: Level 2 Physics	QUALIFICATION: NCEA Level 2	CODE: L2PHY
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COURSE DESCRIPTION

Includes:

- Practical Physics investigation
- Behaviour of waves and light
- Mechanics of linear, circular and projectile motion
- Research an application of Physics (optional)
- Atomic and Nuclear Physics
- DC Electricity and electromagnetism
- Energy and momentum

ENTRY

10 Level 1 credits (including 1.2 Physics Phenomena or 1.4 Energy) or on the recommendation of the Level 1 Science Teacher.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS (max 19 credits)	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91172	Demonstrate understanding of atomic and nuclear physics	2	IN	3	-	•		•		•	•
91171	Demonstrate understanding of mechanics	2	EX	6	-	•		•	•	•	•
91170	Demonstrate understanding of waves	2	EX	4	-	•		•	•	•	•
91173	Demonstrate understanding of electricity and electromagnetism	2	EX	6	-	•		•	•	•	•
91169 optional	Demonstrate understanding of Physics relevant to a selected content	2	IN	3	-	•		•	•	•	•

STATIONERY: Workbook (\$30) - optional but strongly advised, scientific calculator, ruler, protractor, pencils, exercise books, graph pad, compasses.

CONTACT PERSON: Mr P Barnes - HOD Science

COURSE TITLE: Level 3 Physics	QUALIFICATION: NCEA Level 3	CODE: L3PHY
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COURSE DESCRIPTION

Includes:

- Physics applications (optional)
- Waves, light and the Doppler Effect
- DC and AC electricity and electromagnetism
- Atomic structure, nuclear reactions and quantum theory
- Mechanics of linear, rotational and simple harmonic motion
- 16-19 credits selected from...

ENTRY

13 credits at Level 2 Physics.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS (max 19 credits)	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91525	Demonstrate understanding of Nuclear and Quantum Physics	3	IN	3	-	•		•		•	
91524	Demonstrate understanding of mechanical systems	3	EX	6	-	•		•	•	•	
91523	Demonstrate understanding of wave systems	3	EX	4	-	•		•	•	•	
91526	Demonstrate understanding of electrical systems	3	EX	6	-	•		•	•	•	
91522 optional	Demonstrate understanding of physics relevant to a selected context	3	IN	3	-	•		•	•	•	•

STATIONERY: Scientific calculator, graph pad, ruler, protractor, pencils, compasses.

CONTACT PERSON: Mr P Barnes - HOD Science

COURSE TITLE:
Level 2 Biology

QUALIFICATION:
NCEA Level 2

CODE:
L2BIO

COURSE DESCRIPTION

Includes:

- Ecological Niche with field trip and data collection of the rocky shore
- Cell biology
- Genetic variation and change
- Evolutionary concepts
- Gene expression
- Social Science issues in the public domain

ENTRY

10 Level 1 credits including 5 credits from C 1.3 Genetic variations or on the recommendation of the Level 1 Science Teacher.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91153	Carry out a practical investigation in a biology context, with supervision	2	IN	4	-		•	•	•	•	
91154	Analyse the biological validity of information presented to the public	2	IN	3	-				•	•	
91155	Demonstrate understanding of adaptation of plants or animals to their way of life	2	IN	3	-		•		•	•	
91157	Demonstrate understanding of genetic variation and change	2	EX	4	-				•	•	
91156	Demonstrate understanding of life processes at the cellular level	2	EX	4	-				•	•	
91160	Investigate biological material at the microscopic level	2	IN	3	-		•		•	•	

COST: \$40 Book deposit + 4 Exercise books or ring binder with dividers. Learn Coach (cost depends on class size)

CONTACT PERSON: Ms T Gracie

Students who intend to study L3 Biology are urged to do the 2 internals and endeavour to complete all 3 externals from L2 Biology. Field trip will only go ahead if class attendance in Term 1 is above 90%.

COURSE TITLE: Level 3 Biology	QUALIFICATION: NCEA Level 3	CODE: L3BIO
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COURSE DESCRIPTION

Includes four of the following six topics:

- Analysis of a socio-scientific issue
- Biotechnology
- Plant responses and animal behaviour
- Understanding how humans manipulate genetic material
- Species evolution and/or human evolution
- Homeostasis

ENTRY

Level 2 Biology (including external genetics exams) and Level 2 Academic English. Made up of 15-17 credits from the options below.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS (max 19 credits)	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue	3	IN	3	R,W			•	•	•	
91607	Demonstrate understanding of human manipulations of genetic transfer and its biological implications	3	IN	3	R			•	•	•	
91604	Demonstrate understanding of how an animal maintains a stable internal environment	3	IN	3	R				•	•	
91605	Demonstrate understanding of evolutionary processes leading to speciation	3	EX	4	R,W			•	•	•	
91606	Demonstrate understanding of trends in human evolution	3	EX	4	R,W				•		
91603	Demonstrate understanding of the responses of plants and animals	3	EX	5	R,W				•		

STATIONERY: Workbook (\$40) + notebook, pens, highlighters, ruler.

COST: May be additional cost for field trip. Additional costs: Learn Coach.

CONTACT PERSON: Ms T Gracie

COURSE TITLE:
Level 2 Chemistry

QUALIFICATION:
NCEA Level 2

CODE:
L2CHE

COURSE DESCRIPTION

Includes:

- Chemical Reactivity
- Atomic structure, bonding and energy changes
- Principles of oxidation and reduction
- Qualitative and quantitative analysis
- Organic chemistry

ENTRY

10 Level 1 credits including 5 credits from CB 1.2 Chemical Reactions or on the recommendation of the Level 1 Science Teacher. Students not reaching achievement criteria will do an internally assessed course.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91167	Demonstrate understanding of oxidation and reduction	2	IN	3	-	•		•	•	•	•
91911	Carry out an investigation into chemical species	2	IN	3	-	•	•	•	•		
91163	Demonstrate understanding of the chemistry used in the development of a current technology	2	IN	3	-	•	•	•	•	•	•
91164	Demonstrate understanding of bonding, structure, properties and energy changes	2	EX	5	-	•		•	•	•	•
91165	Demonstrate understanding of the properties of selected organic compounds	2	EX	4	-	•	•	•	•	•	•

COST: \$40 - Beginning Chemistry (workbook and chemicals) & scientific calculator, ruler, pens, pencils.
Additional cost: Learn Coach (cost depends on class size)

CONTACT PERSON: Mr A Wallam

COURSE TITLE:
Level 3 Chemistry

QUALIFICATION:
NCEA Level 3

CODE:
L3CHE

COURSE DESCRIPTION

- Research on a Chemical Process used in Society
- Atomic Structure and Bonding
- Thermochemistry
- Organic Chemistry
- Redox Chemistry
- Spectroscopy

ENTRY

At least 16 credits in Level 2 Chemistry (including 2 externals). Students not reaching achievement criteria will do an internally assessed course.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91389	Demonstrate understanding of chemical processes in the world around us	3	IN	3	R,W	•		•	•	•	
91393	Demonstrate understanding of oxidation-reduction processes	3	IN	3	-	•		•	•	•	
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	3	IN	5	-	•		•	•	•	
91391	Demonstrate understanding of the properties of organic compounds	3	EX	5	-	•	•	•	•	•	
91392	Demonstrate understanding of Spectroscopy	3	EX	3	-	•		•	•	•	

COST: \$40 - Continuing Chemistry for workbook, scientific calculator.

CONTACT PERSON: Mr A Wallam

This is a rigorous academic course that will prepare students for sciences at university and other tertiary study. Though experiments are done to reinforce content, the majority of the course is theoretical and requires a good, independent work ethic.

C Construction & Infrastructure

S Services Industries

M Manufacturing and Technology

P Primary Industries

SC Social and Community Services

CI Creative Industries



Technology

Digital

Design and Material Technology

Pre-trades Technology

Textiles

COURSE TITLE:
Level 1 Digital Technology

QUALIFICATION:
NCEA Level 1

CODE:
L1DIG

COURSE DESCRIPTION

This course will enable students to extend their knowledge and skills in:

- Digital Images
- Spreadsheets
- Web page development
- Programming
- Game development
- Project planning
- Computer systems

Students will develop skills in problem solving, design and communication

ENTRY

Open but places will be allocated to those who have studied Year 10 Computing in the first instance.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
92004	Create a computer program	1	IN	5	-	•	•	•	•	•	•
92005	Develop a digital technologies outcome	1	IN	5	-	•	•	•	•	•	•
92006	Demonstrate understanding of usability in human-computer interfaces	1	EX	5	-	•	•	•	•	•	•
92007	Design a digital technologies outcome	1	EX	5	-	•	•	•	•	•	•

CONTACT PERSON: Mrs A Troath – HOD Digital

COURSE TITLE: Level 2 Digital	QUALIFICATION: NCEA Level 2	CODE: L2DIG
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COURSE DESCRIPTION

This course will enable students to extend their knowledge and skills in:

- Animation
- Programming
- Databases
- Planning and project management
- Spreadsheets
- Dynamic webpages
- Computer science concepts

ENTRY

Students must have completed Year 11 Computing and gained a minimum of 12 credits. Students not meeting these criteria may be admitted at the discretion of the HOD.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS*					
						C	S	M	P	SC	CI
91890	Conduct an inquiry to propose a digital technologies outcome	2	IN	6	-						
91891	Apply conventions to develop a design for a digital technologies outcome	2	IN	3	-						
91892	Use advanced techniques to develop a database	2	IN	4	-						
91893	Use advanced techniques to develop a digital media outcome	2	IN	4	-						
Optional 91899	Present a summary of developing a digital outcome	2	EX	3	-						
Optional 91896	Use advanced programming techniques to develop a computer program	2	IN	6	-						

* Pathways have not yet been mapped by the ministry

CONTACT PERSON: Mrs A Troath – HOD Digital

COURSE TITLE: Level 3 Digital	QUALIFICATION: NCEA Level 3	CODE: L3DIG
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COURSE DESCRIPTION

This course will enable students to extend their knowledge and skills in:

- 3D animation
- Programming
- Planning and project management
- Databases
- Computer Science

ENTRY

Students must have completed Year 12. Computing and gained a minimum of 12 credits. Students not meeting these criteria may be admitted at the discretion of the HOD.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/Writing	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91907	Use complex processes to develop a digital technologies outcome	3	IN	6	-						
91903	Use complex techniques to develop a digital media outcome	3	IN	4	-						
91902	Use complex techniques to develop a database	3	IN	4	-		•		•	•	•
91900	Conduct a critical inquiry to propose a digital technologies outcome	3	IN	6	-				•	•	

CONTACT PERSON: Mrs A Troath – HOD Digital

COURSE TITLE: Level 1 Design and Hard Materials Technology	QUALIFICATION: NCEA Level 1	CODE: L1DHT
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COURSE DESCRIPTION

Includes:

A range of BCATS (Building, Construction and Allied Trade Skills) will be studied.

ENTRY

Good literacy and numeracy skills are essential. HOD approval required.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
24352	Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project	1	IN	2	-	•					
24355	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	1	IN	4	-	•					
24356	Apply elementary workshop procedures and processes for a BCATS project	1	IN	8	-	•					
25919	Use hardware and fastenings for a BCATS project	1	IN	2	-	•					
25920	Use joints for a BCATS project	1	IN	3	-	•					

* These will likely be replaced by skills standards which are still being developed. See Waihangaararau.nz for updates.

COST: \$150 materials if undertaking practical work.

CONTACT PERSON: Mr C Bayliss – HOD Technology

Workshop safety footwear essential.

Students will take internal standards that suit their individual strengths.

COURSE TITLE: Level 2 Design and Material Technology	QUALIFICATION: NCEA Level 2	CODE: L2DMT
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COURSE DESCRIPTION

Includes:

- Freehand sketching
- Computer drawing
- Portfolio presentation
- Instrument drawing
- Research of influential design movements
- Models and prototypes

ENTRY

Level 1 Design and Material Technology or Textiles is an advantage. HOD approval required.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91342	Develop a product design	2	IN	6	-	•		•			•
91344	Implement advanced procedures	2	IN	6	-	•		•			•
91357	Make and trial a prototype	2	IN	6	-	•		•	•		•

COST: \$150 materials

CONTACT PERSON: Mr C Bayliss – HOD Technology

Workshop safety footwear as required.

Students will take internal standards that suit their individual strengths.

C Construction & Infrastructure	S Services Industries	M Manufacturing and Technology	P Primary Industries	SC Social and Community Services	CI Creative Industries
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COURSE TITLE: Level 3 Design and Material Technology (including DVC)	QUALIFICATION: NCEA Level 3	CODE:
		L3DMT

COURSE DESCRIPTION

Includes:

- Skill development
- Major or range of smaller projects focused on individual interest

ENTRY

Level 1 or 2 Design and Material Technology or Textiles. HOD approval required.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
91617	Critique a technological outcome	3	EX	4	-	•		•	•		
91620	Implement complex procedures to make a specified product	3	IN	6*	-	•		•			•
91611	Develop a prototype considering fitness for purpose	3	IN	6*	-	•		•	•		•
91619	Develop a conceptual design considering fitness for purpose	3	IN	6*	-	•		•	•		•

COST: Due to the individual nature of students' design projects and the varying costs of materials to be used to make them, students can either supply their own materials or buy them as needed from the school.

CONTACT PERSON: Mr C Bayliss – HOD Technology

Workshop safety footwear as required.

Students will take internal standards that suit their individual strengths.

COURSE TITLE: Level 1 Pre-Trades	QUALIFICATION: NCEA Level 1	CODE:
		L1PRE

COURSE DESCRIPTION

Includes:

- Developing skills to work with hard materials and make items in wood and metal
- Reading and understanding technical drawings
- Precise measurement and marking out of work
- Following codes of practice

ENTRY

Must pass numeracy test. Good literacy and numeracy skills are essential. HOD approval required.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace	2	IN	4	-	•					
24355	Demonstrate knowledge of Materials used in BCATS projects	1	IN	4	-	•			•		
24356	Elementary wood workshop skills	1	IN	8	-	•			•		
25920	Use joints for a BCATS project	1	IN	3	-	•					

COST: \$150 materials

CONTACT PERSON: Mr C Bayliss – HOD Technology

Workshop safety footwear essential.

Students will take internal standards that suit their individual strengths.

COURSE TITLE:
Level 2 Pre-Trades

QUALIFICATION:
NCEA Level 2

CODE:
L2PRE

COURSE DESCRIPTION

Includes:

- Developing skills to work with hard materials and make items in wood
- Drawing and understanding technical working drawings in two and three dimensions
- Precise measurement, marking, cutting, and joining of materials
- Following codes of practice and the Health and Safety at Work Act 2015

ENTRY

Must have passed Level 1 Pre-Trades or Level 1 DMT. Good literacy and numeracy skills are essential. HOD approval required. Cannot be taken with Design and Material Technology.

US/AS	ACHIEVEMENT / UNIT STANDARD TITLE	LEVEL	IN OR EX	CREDITS	UE LITERACY READING/ WRITING	VOCATIONAL PATHWAYS					
						C	S	M	P	SC	CI
12932	Construct timber garden furniture as BCATS projects	2	IN	8	-	•					
12927	Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects	2	IN	6	-	•					
24354	Demonstrate knowledge of health and safety legislation and apply safe working practices in a BCATS environment	2	IN	4	-	•					

COST: \$150 materials

CONTACT PERSON: Mr C Bayliss – HOD Technology

Workshop safety footwear essential.

Students will take internal standards that suit their individual strengths.



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