



# TRIDENT HIGH SCHOOL

## Senior Subject Planning 2022



***QUALITY WORK - RESPECT FOR OTHERS – COURAGE***



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# NCEA (National Certificate of Education)



## How it works

- Each year, students study a number of courses or subjects
- In each subject, skills and knowledge are assessed against a number of standards. For example, a Mathematics [standard](#) could be: *[AS91026 Apply numeric reasoning in solving problems]*
- Schools use a range of internal and external [assessments](#) to measure how well students meet these standards.
- When a student achieves a standard, they gain a number of credits. Students must achieve a certain number of credits to gain an NCEA certificate.
- There are three [levels of NCEA certificate](#), depending on the difficulty of the standards achieved. In general, students work through levels 1 to 3 in years 11 to 13 at school.
- Students are recognised for high achievement at each level by gaining NCEA with Merit or NCEA with Excellence. High achievement in a course is also recognised.

## Level 1 - Year 11

- National Certificate of Educational Achievement Level One will be awarded when you have a total of **80 Level One credits** or higher and you have achieved the literacy and numeracy requirements
- Level One of the NCEA will require **10 numeracy credits** and **10 literacy credits**
- **Literacy credits** can be gained through **any combination** of a variety of standards from English, Te Reo Maori, Accounting, Biology, Drama, Economics, Geography, Health, History, Languages, Music, Sports Science and Technology
- **Numeracy credits** can be gained through **any combination** of the following standards at Level One or higher: Mathematics, Biology, Geography, Design and Visual Communication and Physics

## Level 2 – Year 12

- The National Certificate of Education Achievement Level 2 will be awarded to students who have gained a total of **80 credits**
- **60 credits must be Level Two** or higher Unit Standards and/or Achievement Standards
- Gain a minimum of 10 credits at Level 2 or higher in specific English or Te Reo Maori standards - 5 credits must be in Reading and 5 credits must be in Writing for **University Entrance**
- Gain a minimum of 14 credits at Level 1 or higher in Mathematics or Pangarau – Level 1 Numeracy

## Level 3 – Year 13

- The National Certificate of Education Achievement Level 3 is awarded to students who have gained a total of **80 credits**
- **60 credits must be Level Three** Unit Standards and/or Achievement Standards

# University Entrance

University Entrance (UE) is 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 achievement standard credits each, in three approved subjects

and

- **University Entrance Literacy - 10 credits at Level 2 or above**, made up of 5 credits in reading and 5 credits in writing

and

- **Numeracy - 10 credits at Level 1 or above**, made up of:
  - \* **achievement standards** – specified achievement standards available through a range of subjects, or
  - \* **unit standards** - package of three numeracy unit standards (26623, 26626, 26627- all three required)

APPROVED SUBJECTS FOR UNIVERSITY ENTRANCE at Trident		
Art History	Earth and Space Science	Physical Education ( <i>not all</i> )
Business Studies	English	Physics
Biology	Food & Nutrition Technology ( <i>Home Economics</i> )	Science
Calculus	Geography	Social Studies
Chemistry	Health Education	Spanish
Classical Studies	History	Statistics ( <i>Mathematics</i> )
Construction & Metal Technologies	Japanese	Te Reo Maori
Art Design	Mathematics	Technology
Design and Visual Communication ( <i>Graphics</i> )	Media Studies	<i>Subjects may also be studied through Volcanics on-line</i>
Dance	Music Studies	
Digital Technologies	Art Painting	
Drama	Art Photography	

## University Entry Requirements for specific university courses

Universities have specific requirements for courses and you will need to ensure that the subjects you choose meet these standards. The Careers Counsellor will have this information.

## Endorsement Certificates

Endorsement of Certificates is a way of reflecting the Merit and Excellence credits shown on the Record of Achievement. Endorsement of Certificates requires **50 credits to be gained at Merit or higher for Merit endorsement** and **50 credits at Excellence for Excellence endorsement**.

# NCEA Course Endorsement

Students are able to gain further recognition of the achievements through Merit and Excellence endorsement in course areas.

This is an extension of the NCEA Certificate Endorsement for students who gain a sufficient number of credits in Merit and Excellence.

With Course Endorsement, students will receive an **Excellence endorsement if they gain 14 or more credits at Excellence level**, while students gaining **14 or more credits at Merit (or Merit and Excellence) will gain a Merit Endorsement**, at least 3 of the 14 credits must be from internally assessed standards, and 3 from external assessment (national examinations), to demonstrate students are competent in both forms of assessment.

## New Zealand Scholarship

New Zealand Scholarship will extend our best secondary students and enable top scholars to be identified and acknowledged. Students will be able to enter one or more scholarship examinations while completing their Level 3 Assessments in the scholarship subject areas.

The aim is to assess a student's ability to synthesise and integrate concepts – to apply higher level thinking based on in-school and independent learning. Most of the content assessed for Scholarship is the same as that covered for Level 3 Achievement Standards. All Scholarship candidates must complete a full year of Level 3 studies at a secondary school. Scholarship is a 3 hour examination for all subjects except Art, Design & Visual Communication and Physical Education.

For each subject, two levels of achievement can be gained:

- Scholarship
- Outstanding Performance

***The scholarship is an award and not a qualification.*** There are 'top' student awards and monetary awards which currently are:

- *Single Subject Award:* for students who gain Scholarship in up to two subjects, a one-off award of \$500 per subject.
- *Top Student in Subject:* \$2,000 each year for three years provided the student maintains a B grade average in tertiary study.
- *Scholarship Award:* a student gains Scholarship in three subjects will be awarded \$2,000 each year for three years provided the student maintains a B grade average in tertiary study.
- *Outstanding Scholar Award:* for the top 40 – 60 students who gain outstanding performances in at least two or three Scholarship subjects passed. The award is \$5,000 each year for three years provided the student maintains a B grade average in tertiary study.
- *Premier Award:* for the top 5 – 10 students who get three Scholarships with outstanding performances will be awarded \$10,000 each year for three years provided the student maintains a B grade average in tertiary study.

Trident will include the Scholarship in the Year 13 Programme. The final selection of these standards will take place during 2021 as the course selection is dependent on achievement at Level 2 and progress at Level 3 in 2021.

# 2022 SUBJECTS AND LEVEL PROGRESSION

	Year 9	Year 10	Year 11	Year 12	Year 13
Languages	<ul style="list-style-type: none"> <li>English</li> <li>Te Reo Māori</li> <li>Spanish</li> <li>Japanese</li> </ul>	<ul style="list-style-type: none"> <li>English</li> <li>Te Reo Māori</li> <li>Spanish</li> <li>Japanese</li> </ul>	<ul style="list-style-type: none"> <li>English General</li> <li>English Advanced</li> <li>English Communication</li> <li>Te Reo Māori</li> <li>Spanish</li> <li>Japanese</li> </ul>	<ul style="list-style-type: none"> <li>English General</li> <li>English Advanced</li> <li>English Communication</li> <li>Te Reo Māori</li> <li>Spanish</li> <li>Japanese</li> </ul>	<ul style="list-style-type: none"> <li>English General</li> <li>English Communication</li> <li>English Internal</li> <li>Te Reo Māori</li> <li>Spanish</li> <li>Japanese</li> </ul>
Mathematics	<ul style="list-style-type: none"> <li>Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics - Calculus</li> <li>Mathematics - Statistics</li> <li>Mathematics Financial Literacy</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics - Calculus</li> <li>Mathematics - Statistic</li> <li>Mathematics Financial Literacy</li> <li>Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics - Calculus</li> <li>Mathematics - Statistics</li> <li>Mathematics Financial Literacy</li> <li>Mathematics</li> </ul>
Science	<ul style="list-style-type: none"> <li>Science</li> </ul>	<ul style="list-style-type: none"> <li>Science</li> </ul>	<ul style="list-style-type: none"> <li>Future Science</li> <li>General Science</li> <li>Internal Science</li> <li>Horticultural Science</li> </ul>	<ul style="list-style-type: none"> <li>Physics</li> <li>Chemistry</li> <li>Biology</li> <li>General Science</li> </ul>	<ul style="list-style-type: none"> <li>Physics</li> <li>Chemistry</li> <li>Biology</li> <li>General Science</li> </ul>
Social Sciences	<ul style="list-style-type: none"> <li>Social Studies</li> </ul>	<ul style="list-style-type: none"> <li>Social Studies</li> <li>Business Studies</li> </ul>	<ul style="list-style-type: none"> <li>Geography</li> <li>History</li> <li>Business Studies</li> <li>Community &amp; Society Investigation</li> </ul>	<ul style="list-style-type: none"> <li>Geography</li> <li>History</li> <li>Business Studies</li> </ul>	<ul style="list-style-type: none"> <li>Geography</li> <li>History</li> <li>Business Studies</li> </ul>
Arts	<ul style="list-style-type: none"> <li>Music</li> <li>Drama/Dance</li> <li>Art</li> <li>Māori Performing Arts</li> <li>Whakairo/Carving</li> <li>Traditional Māori Games</li> </ul>	<ul style="list-style-type: none"> <li>Music</li> <li>Drama/Dance</li> <li>Art</li> <li>Māori Performing Arts</li> <li>Whakairo</li> </ul>	<ul style="list-style-type: none"> <li>Music</li> <li>Dance</li> <li>Drama</li> <li>Visual Art</li> <li>Māori Performing Arts</li> <li>Whakairo</li> </ul>	<ul style="list-style-type: none"> <li>Music</li> <li>Dance</li> <li>Drama</li> <li>Art Painting</li> <li>Art Photography</li> <li>Māori Performing Arts</li> <li>Whakairo</li> </ul>	<ul style="list-style-type: none"> <li>Music</li> <li>Dance</li> <li>Drama</li> <li>Art Painting</li> <li>Art Photography</li> <li>Māori Performing Arts</li> <li>Whakairo</li> </ul>
Technology	<ul style="list-style-type: none"> <li>Fabric Design Technology</li> <li>Food Design Technology</li> <li>Engineering Technology</li> <li>Wood Design Technology</li> <li>Bio Technology</li> <li>Computer Aided Manufacturing</li> <li>Digital Technology</li> </ul>	<ul style="list-style-type: none"> <li>Food Design Technology</li> <li>Fabric Design Technology</li> <li>Engineering Technology</li> <li>Wood Design Technology</li> <li>Digital Technology</li> <li>Computer Aided Manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>Food Design Technology</li> <li>Fashion Design Technology</li> <li>Engineering Technology</li> <li>Wood Design Technology</li> <li>Digital Technology</li> </ul>	<ul style="list-style-type: none"> <li>Food Design Technology</li> <li>Fashion Design Technology</li> <li>Engineering Technology</li> <li>Wood Design Technology</li> <li>Building Trades Technology</li> <li>Digital Technology</li> </ul>	<ul style="list-style-type: none"> <li>Food Design Technology</li> <li>Fashion Design Technology</li> <li>Engineering Technology</li> <li>Wood Design Technology</li> <li>Building Trades Technology</li> <li>Digital Technology</li> </ul>
Physical Education	<ul style="list-style-type: none"> <li>Physical Education &amp; Health</li> <li>Sports Leadership</li> </ul>	<ul style="list-style-type: none"> <li>Physical Education &amp; Health</li> <li>Sports Leadership</li> </ul>	<ul style="list-style-type: none"> <li>Sport &amp; Exercise Science</li> <li>PE Core</li> <li>Health</li> </ul>	<ul style="list-style-type: none"> <li>Sport &amp; Exercise Science</li> <li>PE Core</li> <li>Health</li> </ul>	<ul style="list-style-type: none"> <li>PE Modules</li> <li>PE Unit Standards</li> <li>Health</li> </ul>
Vocational Pathways		<ul style="list-style-type: none"> <li>Junior Service Academy</li> </ul>	<ul style="list-style-type: none"> <li>Landskills</li> <li>Futures Academy Semester Course</li> </ul>	<ul style="list-style-type: none"> <li>Landskills</li> <li>Gateway</li> <li>Service Academy</li> <li>Futures Academy</li> <li>Licence to Work</li> </ul>	<ul style="list-style-type: none"> <li>Landskills</li> <li>Gateway</li> <li>Service Academy</li> <li>Futures Academy</li> <li>Licence to Work</li> </ul>
Volcanics			Traditionally we have offered all NCEA levels of French, German, Korean, Psychology via Volcanics however in 2022 there will be the addition of Art Design and possibly Design and Visual Communication, Media Studies, Classics and Earth & Space Science. These subjects are unconfirmed at this stage. However you can choose Volcanics and discuss your choice with Mrs Deeley.		





## ARTS

### Visual Art

### Level 1

This is a full year course incorporating internal and external achievement standards. Students are able to work across a variety of disciplines including, sculpture, photography, drawing and painting. Students are exposed to a variety of art forms through artist models and acquire a basic understanding of art techniques and conventions. Whilst this course is an extension of our Year 10 art program it is open to all students.

Credits offered at Level 1	
Internal	14
External	12

### Art Painting

### Level 2 + 3

This is a full year course incorporating internal and external achievement standards that takes the form of a folio board presentation. Students are able to explore both dry (drawing) and wet (painting) media. Students are exposed to a variety of techniques and conventions through artist models and painting conventions. Whilst prior knowledge of drawing and painting is useful, it is not a prerequisite to this level and the program is open to all students.

Credits offered at Level 2	
Internal	12
External	12/14

Credits offered at Level 3	
Internal	12
External	12/14



## Art Photography

Level 2 + 3

Credits offered at Level 2	
Internal	12
External	12/14

Credits offered at Level 3	
Internal	12
External	12/14

This is a full year course incorporating internal and external achievement standards that takes the form of a folio board presentation. Students are able to explore photographic techniques through digital processing methods. Students are exposed to a variety of techniques and conventions through artist models and photographic conventions. Whilst prior knowledge of photographic principles is useful, it is not a prerequisite to this level and the program is open to all students. Cameras and equipment are provided.

## Music

Level 1, 2, 3

In our senior music classes at Trident High School, the flexibility of NCEA makes allowance for musicians to develop individual learning programmes which suit their strengths and interests. There can be an emphasis placed on CREATING (composition and arranging) RECREATING (solo performance, group performance and second instrument performance) and finally APPRECIATING (musicology, music analysis, music history). These give the students the option of choosing their own major or minor music topics. This gives them a real opportunity to achieve to the best of their ability and also enjoy the many benefits of music. Visiting specialist instrumental tutors also support our students throughout the year in their preparation for assessment recitals and performances. Add to this, the many authentic learning opportunities provided to all students with the many and varied music ensembles at the school, (Big Band, Choir, production band, rock bands, small instrumental ensembles) students can all thrive in their chosen area.

Credits offered at Level 1	
Internal	22
External	8

Credits offered at Level 2	
Internal	27
External	4

Credits offered at Level 3	
Internal	38
External	8

## Drama

Level 1, 2, 3

Our course at Trident aims to show students understanding of how culture is expressed in a dramatic context. They will explore their own and others' identities and perspectives and how this difference of experience can be expressed through Drama. Students will be developing techniques, element and conventions, performance skills, co-operative, organisational and personal skills through Drama/Toi Whakaari.

Credits offered at Level 1	
Internal	18
External	8

Credits offered at Level 2	
Internal ( <i>compulsory</i> )	18
Internal ( <i>optional</i> )	34
External	8

Credits offered at Level 3	
Internal ( <i>compulsory</i> )	14
Internal ( <i>optional</i> )	48
External	8

## Dance

Level 1, 2, 3

Students will develop and demonstrate understanding of the features of dance performance through performing and reflecting. Students develop skills in using elements and conventions of dance.

The process of dance work also develops students' personal, organisational and co-operative skills. Dance prepares students for a wide variety of real-world situations. Students learn to be responsive and adapt to different learning situations. Dance teaches skills for project management and people management, working to task briefs and deadlines, utilising technologies, and problem solving. Dance celebrates the learner as they share the stories of their whanau, their past, their traditions, and beliefs. They learn by engaging with their culture and understanding the many other cultures around them. Dance develops self-discipline, personal organisation and ability to work as part of a team.

Credits offered at Level 1	
Internal	18
External	8

Credits offered at Level 2	
Internal ( <i>compulsory</i> )	18
Internal ( <i>optional</i> )	16
External	8

Credits offered at Level 3	
Internal ( <i>compulsory</i> )	18
Internal ( <i>optional</i> )	24
External	8



## ENGLISH

### English General

Level 1, 2, 3

An interest in language and literature and a competent proficiency in reading and writing is a requirement for students partaking in the English General Course. Students are expected to select a range of internal and external achievement standards to meet a minimum of 14 English credits. Students in this course will cover a range of literary texts from the Western and New Zealand canon of literature to align with the New Zealand Curriculum.

Credits offered at Level 1	
Internal	27
External	12

Credits offered at Level 2	
Internal	27
External	12

Credits offered at Level 3	
Internal	23
External	12

### English Advanced

Level 1 + 2

An interest in language and literature and an advanced proficiency in reading and writing is a requirement for students partaking in the English Advanced Course. Students are expected to take an extensive range of internal and external achievement standards to exceed the required 14 English credits. Students in this course will cover a breadth and range of literary texts from the Western and New Zealand canon of literature to align with the New Zealand Curriculum.

Credits offered at Level 1	
Internal	27
External	12

Credits offered at Level 2	
Internal	27
External	12

Credits offered at Level 3	
Internal	23
External	12

### English Communication

Level 1, 2, 3

An interest in functional language and communication is a requirement for students taking the English Communication course which is directed to students who want to build literacy skills in reading and writing. The course focus is on attaining a minimum of 14 credits through a student focused selection of internal unit and achievement standards. Although the course focus is on achieving standards through internal assessments, students can be entered for external examinations which are optional. Students in this course will cover a range of texts which align with the New Zealand Curriculum.

Credits offered at Level 1	
Internal	36
External	0

Credits offered at Level 2	
Internal	24
External	0

Credits offered at Level 3	
Internal	28
External	0

An interest in language and literature and 14 AS L2 English credits is a prerequisite for the English Internal Course. Students are expected to take a range of internal courses to meet the 14 English credits required at Level 3 and should have met the UE literacy credits at Level 2. Although the course focus is on achieving standards through internal assessments, students can be entered for external examinations which are optional.

Credits offered at Level 3	
Internal	26

## LANGUAGES

### Japanese

### Level 1, 2, 3

Learning another language is fun! It enhances your educational development, improves your communications skills and boosts higher order thinking ability. Through the language and culture, you can connect with people both locally and globally. With a second language under your belt you will be able to fully appreciate and understand the world in which you live and become a global citizen. Studying Japanese language and culture will not only benefit you in terms of the skills acquired but it will give you a huge advantage in the international workplace. The intercultural competence you will achieve as a result of studying Japanese, is a desired quality in the international business world. You will have the opportunity to link with our local Japanese community and with our sister city, Kamagaya in Chiba Prefecture, Japan. Japanese language students from Trident visit Japan every two years.

In Years 11-13 Japanese you will:

- Develop your oral and written communication skills in using Japanese language
- Develop your understanding of written and oral Japanese text
- Improve your higher ordering thinking skills
- Increase your knowledge of kanji
- Increase your knowledge and understanding of Japanese culture and the way Japanese live.

Credits offered at Level 1	
Internal ( <i>compulsory</i> )	9
Internal ( <i>optional</i> )	5
External	10

Credits offered at Level 2	
Internal ( <i>compulsory</i> )	9
Internal ( <i>optional</i> )	5
External	10

Credits offered at Level 3	
Internal ( <i>compulsory</i> )	11
Internal ( <i>optional</i> )	3
External	10

### Spanish

### Level 1, 2, 3

Learning another language enhances your cognitive ability and communication skills. The skills learnt while studying a second language can have a positive flow on effect to other subjects, improving your memory function and problem-solving skills among other benefits. In today's increasingly interconnected and interdependent world, language learning is a means to engage with the world in a more immediate and meaningful way, whether that engagement is local or global the benefits are numerous. In Spanish you will be uniquely placed to enhance your abilities in one of Trident's core goals "inspiring innovative global citizens". In learning Spanish, you have the opportunity to engage with many aspects of the curriculum beyond simply the language itself and to explore how the Spanish Speaking World impacts on us as New Zealanders both globally and locally.

In Year 11-13 Spanish you will:

- Develop your oral and written communication skills in Spanish
- Develop your understanding of oral and written Spanish texts in many varied forms
- Improve your higher order thinking skills
- Increase your knowledge and understanding of Spanish culture, geography and history

Credits offered at Level 1	
Internal ( <i>compulsory</i> )	9
Internal ( <i>optional</i> )	11
External	10

Credits offered at Level 2	
Internal ( <i>compulsory</i> )	9
Internal ( <i>optional</i> )	5
External	10

Credits offered at Level 3	
Internal ( <i>compulsory</i> )	8
Internal ( <i>optional</i> )	6
External	10

## VOLCANICS

### Level 1, 2, 3

The Volcanics programme is an online study-based programme for students for whom the current timetable does not meet their individual needs. This programme has available numerous ever-changing subjects over all year levels. Students who apply for this need to have good attendance, self-motivation, good communication skills, good organisational skills and be able to work independently with reduced supervision in a subject they are passionate about. In order to be considered for this programme students must be referred to the E-Dean by their Year level Dean during the subject selection process and have a clear and planned pathway to a particular subject as well as the above attributes. After the discussion with their Year level Dean students will need to make face to face contact with the E-Dean (currently Ms Deeley) to work through the process.

Traditionally we have offered French, German, Korean, Psychology via Volcanics however in 2022 there will be the addition of Art Design and possibly Design and Visual Communication, Media Studies, Classics and Earth & Space Science. These subjects are unconfirmed at this stage. Enquiries regarding Volcanics and entry into these courses must come via Sarsha Deeley, TIC Volcanics.





## MĀORI

### Te Reo Māori

### Level 1, 2, 3

We strive to find every opportunity to bring our language to life in all areas of the school but the engine room for this strategy lies in the everyday learning experiences in our classrooms. We understand the varied entry points our students bring to the classrooms and are reliant on a range of differentiated learning styles to meet our students' needs which means classes are Reo based rather than year level. In Year 11-13, students are working on NCEA Levels 1, 2 and 3 while year 9 and 10's can also access NCEA level one.

Whakawhanaungatanga (relationships) is pivotal to the on-going development of the Reo programme and to understand our connectedness to each other we must first understand ourselves. Our current journey with the language and tikanga includes acknowledging and utilising Ngatiawatanga as bearers of mana whenua for our area and school.

Credits offered at Level 1	
Internal	18
External	12

Credits offered at Level 2	
Internal	16
External	12

Credits offered at Level 3	
Internal	16
External	12

### Māori Performing Arts

### Level 1, 2, 3

Māori Performing Arts (MPA) is built on a solid foundation of core Māori values such as whanaungatanga, manaakitanga, kotahitanga, wairuatanga and aroha.

These values set the platform for the acceleration of academic success. In addition to this, there is a balance of theory and practice in relation to academic goals and learning experiences. Students are also encouraged to approach our local community for expert knowledge, this information is applied to their own research and consolidation of learning. Wananga noho are also organised to help our students to promote their leadership skills and confidence to achieve at all levels.

Elements of Te Ao Haka will be introduced into the programme for 2022 which will benefit students who have done kapa haka or who are in the school kapa haka group. There are 2 Achievement Standards - internal assessments that are worth 6 credits each.

Credits offered at Level 1	
Internal	27
External	0

Credits offered at Level 2	
Internal	38
External	0

Credits offered at Level 3	
Internal	24
External	0

## Whakairo

## Level 1, 2, 3

The program will focus on learning various designs and elements of whakairo which originate from the Mataatua region. You will gain knowledge and understanding in Whakairo through an atmosphere that encourages enjoyment through learning in a kaupapa Māori driven environment.

This course covers the application of Māori art conventions, design and practice to experience whakairo. It will examine Māori contexts and artists to experience the way visual arts are experienced in Whakairo. Other aspects of this course are kawa and tikanga that surround all aspects of Whakairo.

Level 1 Whakairo will develop student's skills in perceptual and conceptual drawing and painting, develop student's skills in three dimensional sculpture, develop student's skills in, and understanding of technical and creative aspects of Waituhi.

Credits offered at Level 1	
Internal	30
External	0

Credits offered at Level 2	
Internal	20
External	0

## MATHEMATICS

### Mathematics with Calculus

### Level 1, 2, 3

Calculus is a branch of mathematics which involves the careful study of relationships between quantities. It is very challenging but also very rewarding for a dedicated student, who must have excelled in algebra at NCEA Level One. Calculus is a necessary subject if you want to study mathematics, physics, or engineering at university level. At Level Three, Calculus is a university approved subject and Scholarship lessons are available as an option.

Credits offered at Level 1	
Internal	12
External	12

Credits offered at Level 2	
Internal	10
External	13

Credits offered at Level 3	
Internal	7
External	17

### Mathematics with Statistics

### Level 1, 2, 3

Statistics is a branch of mathematics which involves the study of real life contextual situations where we collect and analyse data to make predictions and conclusions about a problem. It ranges across all three Year levels with a mix of internal and external topics. At Level Three, Statistics is a university approved subject and Scholarship lessons are available as an option.

Credits offered at Level 1	
Internal	14
External	4

Credits offered at Level 2	
Internal	16
External	4

Credits offered at Level 3	
Internal	16
External	8

### Mathematics with Financial Literacy

### Level 1, 2, 3

This is an internally assessed course designed to develop financial literacy skills and knowledge. Students learn about money management in a scaffolded learning environment across three Year Levels covering 14 topics ranging from Budgeting to Increasing Personal Income. The course is largely self-paced and requires an ability to participate in class as well as conduct research online.

Credits offered at Level 1	
Internal	17
External	0

Credits offered at Level 2	
Internal	17
External	0

Credits offered at Level 3	
Internal	22
External	0

## Mathematics

## Level 2 + 3

Mathematics courses are designed for students that wish to study a combination of Mathematics and Statistics. Topics studied involve a combination of basic Algebraic methods and techniques, as well as real life contextual situations. Mathematics consists of units of work exclusively based on internal NCEA Achievement Standards. At Level Three, Mathematics is a university approved subject.

Credits offered at Level 2	
Internal	20
External	0

Credits offered at Level 3	
Internal	16
External	0





## PHYSICAL EDUCATION

### PE Core

### Level 1 + 2

This is a vibrant, exciting course that offers a range of different sporting contexts throughout the year. The Level 1 and Level 2 PEC programmes are aimed at students who respect our departments high expectations on PE uniform, participation and see Physical Education as an area that they enjoy and possibly wish to study further but do not wish to pursue the depth of knowledge that the PES course offers. In Level two this will also include a tramping and camping course which will see students learn tramping and camping skills through three day tramps and two overnight camps during the year.

This course will challenge students academically and physically and is led by teachers who are passionate about maintaining our high standards in Physical Education as well as supporting all students with their progress. The content of the course lends itself to both vocational and tertiary pathways by preparing students with interpersonal, self-management and social responsibility skills that are transferable across a range of different options students could take post High School.

This course **is recommended** for students who wish to gain subject endorsements in Physical Education at Level 1 and 2.

Credits offered at Level 1	
Internal	16
External	0

Credits offered at Level 2	
Internal	16
External	0



## Sport & Exercise Science

## Level 1 + 2

This course has a strong academic focus with key links to the Science of the body during Sport and Physical Performance. Students will learn in depth knowledge about the bones, muscles and joints of the body and also how they can train to see improvements in physical performance. These courses offer students the opportunity to visit facilities where sport science is part of their environment, such as the Velodrome in Cambridge where High Performance Sport NZ train some of their athletes and Waikato University have their Sports Science Lab. Students taking this course can expect to participate in 2 practical and 2 theory lessons per week. Those who have a passion for how the body works and/or high performance sport and who may want to pursue a career in the Sport Science field would benefit from the exciting opportunities on offer in Sport and Exercise Science. This course is **highly recommended** for students who wish to gain subject endorsements in Physical Education at Level 1 and 2.

Credits offered at Level 1	
Internal	20-30
External	0

Credits offered at Level 2	
Internal	16+
External	0

## PE Modules

## Level 3

PE Modules is a flexible programme offered at Level 3. To allow students the opportunity to follow their own passion and interests, this course runs with two teachers allowing students the option to study the Achievement Standard/context that is of most relevance to them each term. There are exciting modules to choose from which include a range of standards where students will learn about and demonstrate their understanding of the biophysical principles and sociocultural factors. The modules include the options to follow a sport science angle, outdoor education contexts as well as other areas of NCEA Level 3 assessments. Students taking this course can expect to participate in 2 practical and 2 theory lessons per week. Students can gain University Entrance in this subject by Achieving 14 credits or more. 100% internally assessed, all students will complete a minimum of 16 Achievement Standard Credits. Those who choose to do Scuba Diving will also gain 7 Unit Standard Credits upon completion of the course.

Credits offered at Level 3	
Internal	16
External	0

## PE Unit Standards

## Level 3

The Level 3 PEU programme is aimed at students who respect our departments high expectations on PE uniform, participation and behaviour within our subject area but who need extra support with the literary aspect of academic work. This course is also aimed at students who wish to learn more about coaching sport as well as supporting young students within our school and community develop in sporting contexts. The content of the course lends itself to both vocational and tertiary pathways by preparing students with interpersonal, self-management and social responsibility skills that are transferable across a range of different options students could take post High School. This course is **not recommended** for students who wish to gain subject endorsements in Physical Education or who will require 14 Achievement Standard credits for University Entrance from Physical Education at Level 3. This is predominantly a Unit Standard Course.

Credits offered at Level 3	
Internal	16
External	0

## Health

## Level 1, 2, 3

Health Education is a course offered at all senior levels. It builds on the knowledge and skills developed in our junior programme and gives the students opportunities to clarify their own attitudes and values around a range of topics relevant to young people. The key learning concepts throughout these courses are based on Hauora - total wellbeing, resiliency, interpersonal skills, positive sexuality and gender, health promotion through schools and the wider community and developing confident health enhancing decision making. Students taking these courses will be encouraged to think critically about the health issues in New Zealand, internationally and within our community. They will be given the opportunity to provide strategies and recommendations to promote diversity and equality amongst all populations and demographics.

Credits offered at Level 1	
Internal	16
External	4

Credits offered at Level 2	
Internal	15
External	5

Credits offered at Level 3	
Internal	14
External	5



## SCIENCE

### General Science

### Level 1, 2, 3

The general science courses at Levels One, Two and Three covers the four science disciplines of Chemistry, Biology, Physics and Earth & Space Science. The Students partaking in the level one general science course will have passed Yr 10 science which means they have achieved consistently throughout the year and especially in the end of year exams. The general science courses are designed for students who want to keep their options open and allow the opportunity to partake in further science studies. At level one students cover topics from all of the science disciplines. They participate in practical investigations on chemical reactions and electricity. The students sit three core external achievement standards that cover the core content knowledge required for continuation of chemistry, physics and biology into level two courses. The level two and three courses are internally assessed with an option to participate in one externally assessed achievement standard if students are requiring specific content for future programmes of learning at tertiary level.

Credits offered at Level 1	
Internal	8
External	12

Credits offered at Level 2	
Internal	21
External	4

Credits offered at Level 3	
Internal	14
External	0

### Future Science

### Level 1

This course is designed for students who want to study two or more specialist science courses at Level Two, have a real interest in science and want to have a broader base of knowledge to support their learning. The sustainable science course explores the carbon cycle and microorganisms and their role in reducing global warming. We look at ways to recycle and carry out a practical investigation that looks at the helpful application of microorganisms in recycling waste. We also learn about electricity and magnetism and how its generation is a practical application of a sustainable energy source. This course is taken in conjunction with the General Science course.

Credits offered at Level 1	
Internal	12
External	12

### Horticultural Science

### Level 1

Horticulture is a new course being introduced in 2022. Horticulture is a huge growth industry especially in the Eastern Bay of Plenty. Our Level One Horticulture programme will introduce students to this diverse and growing industry. The course provides students with the opportunity to choose a pathway of learning that suits their learning style. Students may take an academic approach or a practical pathway through their assessments. Students will be able to select topics from Science and Horticulture combining academic knowledge and practical skills. Students will be given opportunities to visit orchards, nurseries and other horticultural ventures to allow real life learning to occur.

Credits offered at Level 1	
Internal	41

## Internal Science

## Level 1

Internal Science provides the opportunity for students to participate in a science course that explores and investigates the world around us. This involves looking at aspects of the physical, material and living world so students will study a variety of topics from Biology, Chemistry, Physics and Geology. The students investigate electricity, global warming, chemical reactions, earthquakes and volcanoes and the local ecology of the Whakatane River. All of the assessments are internal meaning no end of year exams. This course is also taught at a slower pace and provides a selection of assessment options to provide for students preferred communication strengths.

Credits offered at Level 1	
Internal	20
External	0

## Biology

## Level 2 + 3

Biology is the study of living things and how they interact with each other and the environment. Students develop an understanding of the diversity of life and life processes. They learn about evolution as the result of life processes and their interaction with the environment. At level two students learn about cells and the major cell processes of photosynthesis, respiration and cell division. They also learn about genetic variation and start to explore how organisms change and evolve over time. At level three we look at human evolution and how new species evolve. We also explore plant responses and animal behaviours. In the internal component of both the level 2 & 3 programmes we go out into the field and carry out animal studies at the rocky shore and at the Ohiwa mudflats. We also investigate socio-scientific issues around cannabis, vaccination and selective breeding. As a result, students are better informed and able to make reasoned, balanced judgements on some of the biological issues affecting New Zealanders such as vaccination, genetic testing and modification, sustainability and conservation, and protection of our unique flora, fauna and ecosystems. They will also have a greater insight into the living world around them and an understanding of some of the health issues affecting New Zealanders and on a global basis.

Credits offered at Level 2	
Internal	11
External	12

Credits offered at Level 3	
Internal	7
External	13

## Chemistry

## Level 2 + 3

Chemistry involves the study of matter and the changes it undergoes. Students develop an understanding of the structure, composition and properties of matter, how it chemically changes and the energy involved. They learn to interpret their observations by considering the properties and behaviour of atoms, molecules, and ions. They learn to communicate their understandings, using the symbols and conventions of Chemistry. Using their knowledge of Chemistry, they are better able to understand science-related challenges, such as environmental sustainability and the development of new materials, pharmaceuticals, and sources of energy.

Credits offered at Level 2	
Internal	13
External	13

Credits offered at Level 3	
Internal	9
External	15

## Physics

## Level 2 + 3

In Physics we learn about matter, its motion and behaviour through space and time, and the related entities of energy and force. Physics is one of the most fundamental scientific disciplines, and its main goal is to understand how the universe behaves. From cancer treatment to tackling climate change, gaming to robotics and artificial intelligence, physics and physicists are on the front line, helping to shape the future. At a time when jobs are changing, physics offers a vast and expanding range of career paths. In level two, students learn about waves, electricity and magnetism, and mechanics. At the end of the course, you will understand why diamonds glisten, modern communication such as wifi, how not to crash a car and the best way to catch a ball.

In level three, we explore waves, electricity and magnetism, mechanics in more depth. We also look at quantum and nuclear physics and tackle the social implications of nuclear power. At the end of the course, you will be able to understand how your home is powered, how music is created and how to push your friend on a swing (energy-efficient way). Level Two and Three courses are heavily weighted towards externals and suits students who are comfortable with mathematics.

Credits offered at Level 2	
Internal	10
External	12

Credits offered at Level 3	
Internal	10
External	16



## SOCIAL SCIENCES

### Community & Society Investigation

Level 1

Community and Society Investigation is an internal course that offers the student the ability to study History, Geography and Social Studies topics with an emphasis on the content of the work and its importance now and into the future. History allows students to examine the past to better understand the future. We look at the history and outcomes of significant events to Aotearoa such as Rua Kenana, World War 1 and the Spanish Flu. Geography gives students a multidisciplinary or holistic view of the world, combining knowledge, skills, and understandings of the physical and social sciences. It fosters a curiosity about place and space, and provokes questions about natural and cultural environments and their interconnectedness. Social Studies helps the students to understand how belonging to groups is important, understand how people have different roles and responsibilities, how the past is important, how places in Aotearoa are significant to individuals and groups and how the cultures of people in Aotearoa are expressed in their daily lives.

Credits offered at Level 1	
Internal	14
Optional	7

### History

Level 1, 2, 3

An awareness of history inspires students to become confident, questioning, and empathetic individuals. History invites students to ask, and helps them answer, today's questions by engaging with the past, learning how the present has been shaped, and imagining and speculating on possible futures. It connects students with the wider world as they develop their own identities and sense of place.

History equips students with knowledge and skills that are valuable and useful throughout life. These include research techniques, the skills needed to process and synthesise varied and complex materials and the skills needed to articulate ideas and make them clear to others. Students learn to ask and answer important questions, evaluate evidence, identify and analyse different interpretations of events, and justify their arguments and judgments.

Credits offered at Level 1	
Internal	12
Internal (optional)	3
External	8

Credits offered at Level 2	
Internal	14
Internal (optional)	3
External	9

Credits offered at Level 3	
Internal	15
External	10



## Geography

## Level 1, 2, 3

Geography is a great subject that combines aspects of Science with Social Science. For example you will learn about what causes earthquakes but you will also see the impacts on people and environments. Our planet is ever-changing and so is Geography, you will think about and consider actions around current issues like sustainability and climate change. You will learn a variety of transferable skills for example mapping, using geographic information skills, and analysing statistical and geographical data. By developing an understanding of different perspectives about a range of scientific and social issues, you will learn to think critically and develop empathy.

Geography is helpful in careers such as meteorologist, geo-scientist, environmental management and law, surveyor, parks ranger, pilot, climate advocate, resource management, town planning, festival management, geomorphologist, NGOs, conservator, teacher, forestry etc.

Credits offered at Level 1	
Internal	13
External	8

Credits offered at Level 2	
Internal	17
External	8

Credits offered at Level 3	
Internal	11
External	12

## Business Studies

## Level 1, 2, 3

Studying Business enables students to appreciate the issues that challenge businesses and stakeholders. In a rapidly changing world, it is important that citizens are able to make informed and rational decisions about business matters. Business contributes to the development of a culture of enterprise in New Zealand and supports our efforts to improve economic and community well-being. Business studies creates opportunities for students to:

- understand the integral role of business in society and the economy
- explore enterprise culture
- develop the key competencies of *The New Zealand Curriculum* and *ngā uara me ngā waiaro*/values and attitudes of *Te Marautanga o Aotearoa* through the fostering of such qualities as initiative, resilience, and resourcefulness and the skills of problem solving, co-operation, decision making, negotiation, and communicating
- gain knowledge and understanding of good business practice and of business as a productive activity
- acquire greater financial capability.

Business Studies will provide an understanding of management, business administration, and human resources. This course will be useful for careers such as business management, journalism, law, politics, stockbroker, banking etc.

Credits offered at Level 1	
Internal	12
External (+4 optional)	4

Credits offered at Level 2	
Internal	15
External	4

Credits offered at Level 3	
Internal	16
External	8

## Licence to Work

## Level 2 + 3

Licence to Work is an internal course that offers the student the ability to study topics in anticipation for employment, trades or further study. The emphasis involves looking at pre-employment strategies to best prepare students for working life. This is also an opportunity for students to further develop and enhance work skills now and into the future.

Credits offered at Level 2	
Internal	24
External	0

Credits offered at Level 3	
Internal	22
External	0



## TECHNOLOGY

### Food Design Technology

Level 1, 2, 3

Food Design Technology is about making food products safely by following an HACCP plan, and by exploring ingredients, equipment, techniques, processes and procedures. The food products are planned and created by modifying recipes to suit stakeholders' needs and wants. As part of the programme students will complete a project of their choice which will address an issue at home, at school and/or in the community, where sustainability is a focus for consideration and implementation.

Credits offered at Level 1	
Internal	19
External	4

Credits offered at Level 2	
Internal	19
External	4

Credits offered at Level 3	
Internal	14
External	4

### Fashion Design Technology

Level 1, 2, 3

This course provides students with hands-on experience using soft materials to create fashion products and accessories. Students will learn how to implement techniques and processes including some CAD/CAM to show their understanding of aesthetics and functionality. Students also have the opportunity to explore sustainable materials and incorporate cultural and societal aspects into their concept designs.

Credits offered at Level 1	
Internal	18
External	3

Credits offered at Level 2	
Internal	16
Internal (optional)	5
External	4

Credits offered at Level 3	
Internal	18
External	4



## Engineering Technology

## Level 1, 2, 3

Engineering Technology is about designing, fabricating and trialling a project that is fit for its intended purpose and documenting the development of the prototype from idea creation right through manufacturing to testing in the intended environment submitting an impressive design portfolio as a result of the year-long research and development process. This course teaches a wide range of engineering skills, equipment, techniques, processes and procedures. As part of the programme students will complete a project of their choice addressing an issue they have identified at home, school and/or in the community, with sustainability being a primary focus for consideration and implementation.

Credits offered at Level 1	
Internal	20
External	4

Credits offered at Level 2	
Internal	20
External	4

Credits offered at Level 3	
Internal	20
External	4

## Wood Design Technology

## Level 1, 2, 3

Wood Design Technology is about focusing on the functional elements of a design to get more service from less product. Students will learn to design a product taking into account its life cycle and potential to recycle using materials from sustainable sources. The course teaches a wide range of manufacturing skills and techniques to enable them to develop their design through to manufacturing and testing.

Credits offered at Level 1	
Internal	22
External	4

Credits offered at Level 2	
Internal	21
External	4

Credits offered at Level 3	
Internal	21
External	4

## Building Trades Technology

## Level 2 + 3

Building Trades Technology is about starting a career in the trades. Students can choose from a range of Building and Construction Unit Standards to develop skills and become valuable contributors to New Zealand's building and construction industry. This L3 course combines BCITO theory based Industry Unit Standards with practical skills. Students can experience a range of trades allowing them to consider different career paths within the Building and Construction Industry.

Internal Credits offered at Level 2	
22	L2 BCITO Unit Standards

Internal Credits offered at Level 3	
24	L3 BCITO Unit Standards

## Digital Technology

## Level 1, 2, 3

Students who specialize in digital technologies will design and develop fit-for-purpose digital outcomes, drawing on their knowledge of a range of digital applications and systems and taking into account a synthesis of social, ethical and end-user considerations. They will understand how areas of computer science such as network communication protocols and artificial intelligence are underpinned by algorithms, data representation and programming, and they analyse how these are synthesised in real world applications. They use accepted software engineering methodologies to design, develop, document and test complex computer programs.

Credits offered at Level 1	
Internal	19
External	3

Credits offered at Level 2	
Internal	23
External	3

Credits offered at Level 3	
Internal	14
External	3

# VOCATIONAL PATHWAYS

## Service Academy

Level 2 + 3

Level 2 Service Academy is a year long military-focused programme delivered to 20 Year 12 students within Trident High School. The purpose of the Service Academy is to:

- encourage students to stay engaged in learning by providing a motivating and disciplined programme
- help students to gain improved qualifications and help them to prepare to move successfully into the workforce of further education and training

Students are expected to work towards NCEA Level 2 and are required to attend a Maths and English class, and can choose one option subject. They will participate in a range of motivating and challenging learning experiences provided by the NZ Defence Force's Youth Development Unit. These include a two week Induction camp, Bushcraft camp and an Adventure Challenge camp.

Level 3 Service Academy is designed for any Y13 student who intends to join the NZDF the following year. Students are required to be engaged in the recruitment process with the aim of gaining an Offer of Service before the end of the year allowing them to begin Basic Training early the following year. Students will study and practice the Aptitude Exam. Students will also train for and practice the NZDF Physical Test, as well as interview techniques. NZDF Recruiters will conduct testing/interviews at school. This course has a high success rate with 80% of those involved gaining an Offer of Service into the NZDF. As this is a transitional programme, there are no credits available.

## Landskills

Level 1, 2, 3

Landskills provide a mixture of practical and theory based courses that will give you a range of experiences in our local region. Our key focus for the Landskills programme will be to ensure that our students are supported to be engaged and experiencing their possible future educational and vocational pathways. Some of the experiences the students will have are Bee Keeping, Agricultural Farming, Building & Carpentry, Gardening, Forestry, Equine skills, Tractors, Firefighting, Driver & Firearms licensing, Livestock Butchering and Maoritanga. All students will gain level one literacy and numeracy. Full commitment to this programme will ensure that our students gain level 2 NCEA.

## Futures Academy

Level 1, 2, 3

The Futures Academy offers senior students hands-on, tertiary, trades training that helps to prepare them for their future (formerly called the trades academy).

Courses are linked with growth fields in our region and are offered by seven tertiary organisations: Axiom Training, EmployNZ, NZ Marine Composite ITO, Queenstown Resort College, Te Wananga o Aotearoa, Toi Ohomai and YooBee Colleges. Students are dually enrolled with the tertiary provider and Trident High school and students can earn both NCEA and tertiary level credits by NZQA.

Year 11, 12, and 13 students can apply to be considered for this exciting programme. There is no cost to be a part of the Futures Academy programme and all transport costs are included.

You can view the 2022 trades courses by going to <https://futuresacademy.nz> and clicking on the green course prospectus button.

## Gateway

Level 2 + 3

How do you know what career you desire unless you spend time in a work site or meet someone in your chosen industry? Gateway can do this. Gateway is a flexible programme that offers students the opportunity to spend time in a selected work site while at school. Year 12 and Year 13 students can elect to be in a Gateway class or have their own individual programme designed for them. Work experience can be completed in the holidays, blocks of time or weekly, depending on the students' and employers' needs. Students are able to attend work connected courses and work on NZQA units that connect to their industry or tertiary studies. Real life skills are taught to help students get ready for the transition into the working world. Gateway creates apprenticeships, full-time and part-time jobs and helps students confirm their future study programmes. Please make an interview appointment with [bengek@trident.school.nz](mailto:bengek@trident.school.nz) to see how we can get your career started and open doors for you.

# COURSE SELECTION AND VOCATIONAL PATHWAYS

Vocational Pathways is a tool to help and guide you through subject selection. There are six pathways or frameworks to vocational education and training which can help you along with the careers advisors, Deans and parents to select subjects. If you have a clear career goal in mind then the vocational pathways will guide you to make good subject choices, helping you to achieve your goal. Alternatively, if you are unsure of what to do after high school then select your favourite subjects that you are good at and see where the colour chart takes you. The colour wheel/chart may provide some ideas of potential careers.

To gain more information on Vocational Pathways go to:

[www.youthguarantee.net.nz](http://www.youthguarantee.net.nz)

**Yr 11 and Yr 12** students should login to NZQA and look for profile builder: [www.nzqa.govt.nz/login/](http://www.nzqa.govt.nz/login/) this should show you where you are already heading.

**Yr 10** student going into Yr 11 (Level 1) will need to use the coloured charts provided and selecting their preferred subjects, count up the credits in each of the six sectors to see which sector will be for you.

It is important to understand that the Vocational Pathways and the colour wheel is to help and guide you, it is only a tool.



Sector	Description	Types of jobs for this Vocational Pathway include:	
Construction & Infrastructure	You'll be part of a well-run team that's committed to getting the job done safely and well, to meet the client's specifications. You'll work indoors and outdoors.	<ul style="list-style-type: none"> <li>• Builder</li> <li>• Civil Engineer</li> <li>• Earthworks</li> <li>• Forklift Operator</li> </ul>	<ul style="list-style-type: none"> <li>• Interior Designer</li> <li>• Project Manager</li> <li>• Surveyor</li> <li>• Welder</li> </ul>
Manufacturing & Technology	From hands-on production and assembly to cutting edge research, from massive machines and busy production lines, to individual crafts or computer design.	<ul style="list-style-type: none"> <li>• Architect</li> <li>• Baker</li> <li>• Boat Builder</li> <li>• Electrician</li> </ul>	<ul style="list-style-type: none"> <li>• Engineer</li> <li>• Jeweller</li> <li>• Surveyor</li> <li>• Technician</li> </ul>
Primary Industries	There's a huge range and diversity of jobs from hands-on, to science or business roles and a lot of opportunities to learn new skills. You can work outdoors or indoors, alone or with mates.	<ul style="list-style-type: none"> <li>• Biochemist</li> <li>• Farm worker</li> <li>• Fishery Officer</li> <li>• Food technologist</li> </ul>	<ul style="list-style-type: none"> <li>• Hunter/Trapper</li> <li>• Production Manager</li> <li>• Vet</li> <li>• Winemaker</li> </ul>
Services Industries	It's a great sector for young people. If you enjoy working with people you'll get a kick out of it. Good communication and presentation skills are important. Working in teams and dealing with people means you'll need to speak and listen well to others, and relate to people from all walks of life	<ul style="list-style-type: none"> <li>• Accountant</li> <li>• Army Soldier</li> <li>• Chef</li> <li>• Events Manager</li> </ul>	<ul style="list-style-type: none"> <li>• Hairdresser</li> <li>• Journalist</li> <li>• Purchasing Officer</li> <li>• Sale Rep</li> </ul>
Social & Community Services	This sector is all about caring for people and keeping them safe. The range of jobs is huge, from monitoring and protecting people and property (corrections, defence, or firefighting), to caring for people in need (healthcare, community and social work, medicine or therapy).	<ul style="list-style-type: none"> <li>• Health Services Manager</li> <li>• Ambulance Officer</li> <li>• Firefighter</li> <li>• Lab Technician</li> </ul>	<ul style="list-style-type: none"> <li>• Midwife</li> <li>• Police Officer</li> <li>• Security Guard</li> <li>• Teacher</li> </ul>
Creative Industries	You will apply your creative skills and imagination to help people see the world differently. You'll come up with new ideas or variations on existing ones. Sometimes you will need to analyse problems and come up with solutions, or develop fresh ways to express existing concepts or ideas.	<ul style="list-style-type: none"> <li>• Artist</li> <li>• Graphic Designer</li> <li>• Screen Printer</li> <li>• Actor</li> </ul>	<ul style="list-style-type: none"> <li>• Art Director</li> <li>• Technical Manager</li> <li>• Stage/Set Designer</li> <li>• Creative Director</li> </ul>

# NCEA LEVEL ONE, TWO AND THREE COURSE CODES

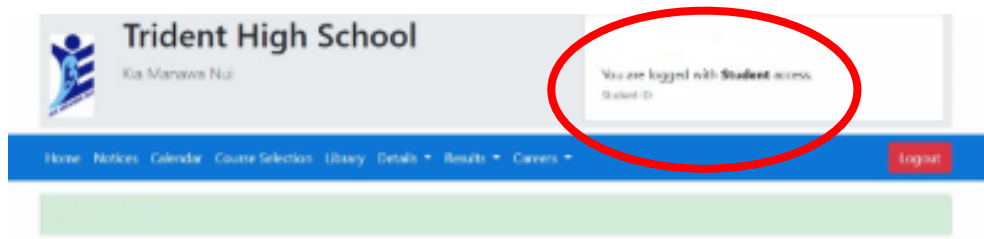
Subject Level 1	L1	Subject Level 2	L2	Subject Level 3	L3
<b>LANGUAGES</b>		<b>LANGUAGES</b>		<b>LANGUAGES</b>	
English Advanced	1ENA	English Advanced	2ENA	English Internal	3ENI
English General	1ENG	English General	2ENG	English General	3ENG
English Communication	1ENC	English Communication	2ENC	English Communication	3ENC
Japanese	1JAP	Japanese	2JAP	Japanese	3JAP
Spanish	1SPA	Spanish	2SPA	Spanish	3SPA
Te Reo Māori	1MAO	Te Reo Māori	2MAO	Te Reo Māori	3MAO
<b>SOCIAL SCIENCES</b>		<b>SOCIAL SCIENCES</b>		<b>SOCIAL SCIENCES</b>	
Business Studies	1BST	Business Studies	2BST	Business Studies	3BST
Geography	1GEO	Geography	2GEO	Geography	3GEO
History	1HIS	History	2HIS	History	3HIS
Community & Society Investigation	1CSI				
<b>SCIENCE</b>		<b>SCIENCE</b>		<b>SCIENCE</b>	
Future Science	1SCF	Biology	2BIO	Biology	3BIO
General Science	1SCG	Chemistry	2CHE	Chemistry	3CHE
Internal Science	1SCI	Physics	2PHY	Physics	3PHY
Horticultural Science	1HRT	General Science	2SCG	General Science	3SCG
<b>MATHEMATICS</b>		<b>MATHEMATICS</b>		<b>MATHEMATICS</b>	
Mathematics with Calculus	1MXC	Mathematics with Calculus	2MXC	Mathematics with Calculus	3MXC
Mathematics with Statistics	1MXS	Mathematics with Statistics	2MXS	Mathematics with Statistics	3MXS
Mathematics Financial Literacy	1MXL	Mathematics	2MXM	Mathematics	3MXM
		Mathematics Financial Literacy	2MXL	Mathematics Financial Literacy	3MXL
<b>TECHNOLOGY</b>		<b>TECHNOLOGY</b>		<b>TECHNOLOGY</b>	
Fashion Design Technology	1FAB	Fashion Design Technology	2FAB	Fashion Design Technology	3FAB
Food Design Technology	1HON	Food Design Technology	2HON	Food Design Technology	3HON
Engineering Technology	1ENT	Engineering Technology	2ENT	Engineering Technology	3ENT
Wood Design Technology	1WTW	Wood Design Technology	2WTW	Wood Design Technology	3WTW
		Building Trades Technology	2BTT	Building Trades Technology	3BTT
<b>DIGITAL TECHNOLOGY</b>		<b>DIGITAL TECHNOLOGY</b>		<b>DIGITAL TECHNOLOGY</b>	
Digital Technology	1DTG	Digital Technology	2DTG	Digital Technology	3DTG
<b>PHYSICAL EDUCATION &amp; HEALTH</b>		<b>PHYSICAL EDUCATION &amp; HEALTH</b>		<b>PHYSICAL EDUCATION &amp; HEALTH</b>	
Sport & Exercise Science	1PES	Sport & Exercise Science	2PES	PE Modules	3PEM
PE Core	1PEC	PE Core	2PEC	PE Unit Standards	3PEU
Health	1HEA	Health	2HEA	Health	3HEA
<b>ARTS</b>		<b>ARTS</b>		<b>ARTS</b>	
Visual Art	1ART	Art Painting	2ARP	Art Painting	3ARP
Whakairo	1WHK	Art Photography	2PHO	Art Photography	3PHO
Māori Performing Arts	1MPA	Whakairo	2WHK	Whakairo	3WHK
Music	1MUS	Māori Performing Arts	2MPA	Māori Performing Arts	3MPA
Dance	1DAN	Music	2MUS	Music	3MUS
Drama	1DRA	Dance	2DAN	Dance	3DAN
		Drama	2DRA	Drama	3DRA
<b>ALTERNATIVE PATHWAYS</b>		<b>ALTERNATIVE PATHWAYS</b>		<b>ALTERNATIVE PATHWAYS</b>	
Landskills	LNSDK	Landskills	LNSDK	Landskills	LNSDK
Futures Academy	1FTA	Gateway	2GAT	Gateway	3GAT
		Licence to Work	2L2W	Licence to Work	3L2W
		Service Academy	2SER	Service Academy	3SER
		Futures Academy	2FTA	Futures Academy	3FTA
<b>VOLCANICS</b>		<b>VOLCANICS</b>		<b>VOLCANICS</b>	
Possibilities = French, German, Korean, Psychology, Art Design and possibly Design & Visual Communication, Media Studies, Classics and Earth & Space Science.	1VOL	Possibilities = French, German, Korean, Psychology, Art Design and possibly Design & Visual Communication, Media Studies, Classics and Earth & Space Science.	2VOL	Possibilities = French, German, Korean, Psychology, Art Design and possibly Design & Visual Communication, Media Studies, Classics and Earth & Space Science.	3VOL

# PORTAL INSTRUCTIONS

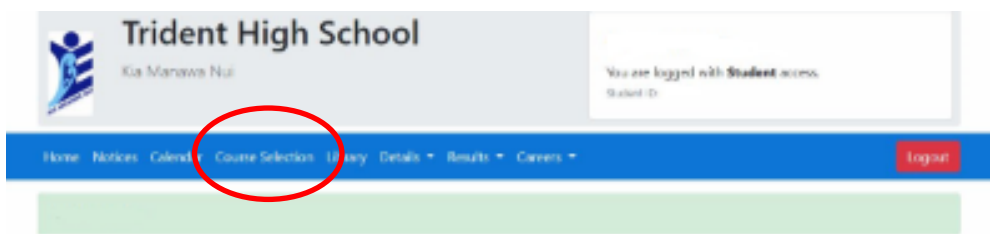
To gain access to the Trident High School Portal and webpage please use the following instructions.

**STEP 1.** Enter the portal <https://trident.school.kiwi>

**STEP 2.** Use your username and password from school to log in to the portal



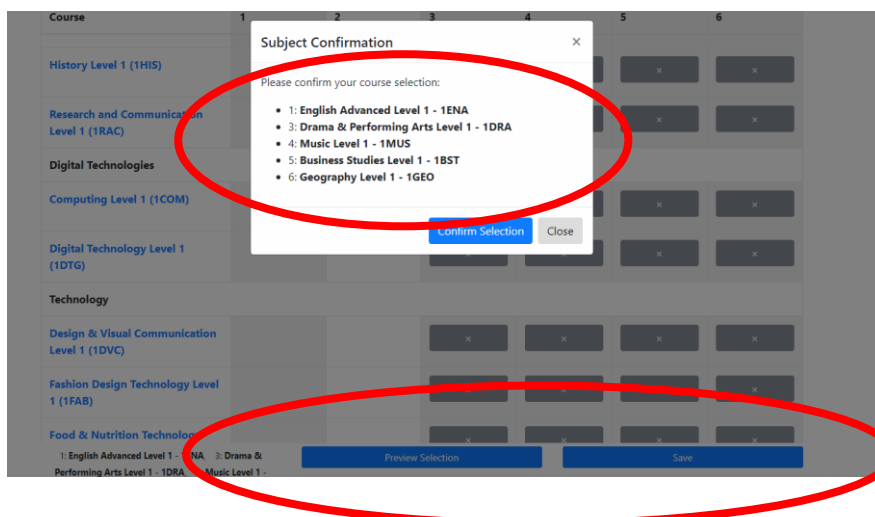
**STEP 3.** Select Course Select "Course Selection" from the left hand side of the page



**STEP 4.** Make selections using the subject selection booklet and subject cards.

A screenshot of the "Year Options" subject selection interface. It features a table with columns for "Year" and "Options". The "Options" column is further divided into six sub-columns labeled 1 through 6. The instruction "Select one Subject in each Column" is displayed. The "English" section shows "English General Level 2 (2ENG)" with selection buttons in columns 1, 2, and 3. The "General" section shows "(2MKA)" with selection buttons in columns 1, 2, and 3. The "Science" section is visible at the bottom.

**STEP 5.** Preview Selection and Confirm Selection /Save



# SUBJECT SELECTION

## Year 11

Choose **6** subjects. You must do **English** and **Mathematics** and it is highly recommended that you also take a Social Science and Science. All students must choose an optional subject in case they have a clash.

Yr 11	1	2	3	4	5	6	Optional
Subjects					Maths	English	

## Year 12

Choose **6** subjects. They can be at Level 2 as long as you meet the prerequisites. You must take **English**. All students must choose an optional subject in case they have a clash.

Yr 12	1	2	3	4	5	6	Optional
Subjects						English	

## Year 13

It is recommended that if you are doing full NCEA Level 3 subjects, you choose **5** subjects and a study line. If you wish to choose 6 subjects, see your Dean to discuss this. They can be at any level as long as you meet the prerequisites. Students taking some NCEA Level 2 and some NCEA Level 3 courses will take **6** subjects. All students must choose an optional subject in case they have a clash.

Yr 13	1	2	3	4	5	6	Optional
Subjects							







All of the information in this booklet is also available on the Trident website  
[www.trident.school.nz](http://www.trident.school.nz)







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