



TRIDENT HIGH SCHOOL

Subject Planning 2022 Year 10



QUALITY WORK - RESPECT FOR OTHERS – COURAGE

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Year 10 Course for 2022

Trident High School has a proud record of Academic Achievement with students achieving high levels of success in the National Certificate of Educational Achievement from Level 1 through to Scholarship.

Subject Selection at Year 10 is a vital stage in preparing for the subjects chosen in Year 11, the start of the National Certificate of Educational Achievement.

Our aim is to provide students with a broad range of subjects, some compulsory and some optional. Compulsory subjects in Year 10 are English, Social Studies, Mathematics, Science, Technology and Physical Education. Optional subjects should be chosen with the future in mind as these options are all linked to subjects chosen in Year 11 and then followed through to Year 13.

Students choose options as set out in this subject planning booklet and then record them on the subject choice form. Course information for the options is listed below.

Students should work with their parents/whanau and Deans to finalise their course of study.



Year 10 Academic Year in a Nutshell

1. All students study English, Mathematics, Science, Social Studies and Health & Physical Education throughout the year.
2. Technology is a compulsory half year course, with students completing three modules either in Terms 1/2 or Terms 3/4.
3. When not in Technology, the students complete their option subjects.
4. Half year courses change around the beginning of Term 3.

Notes from the Careers Department

In Years 9 and 10 students are encouraged to study a wide range of subjects to keep a large number of options open to them in the senior school. The curriculum is kept deliberately broad so that they do not specialise too early.

The Careers NZ website www.careers.co.nz is available online. It is recommended as an excellent source of up to date information to help with career planning and subject choice. The Student Careers Services is available to all students attending Trident High School. The school has a dedicated Careers Counsellor, who is there to help all students as well as two Guidance Counsellors for personal help.

Year 10 Learning Options

Students study the core subjects throughout the year and are able to choose option subjects from different groups. In some cases these subjects are delivered in their form classes, in other cases they will be re-organised to cater for different levels of teaching and learning. There are also a number of different learning groupings for students to consider – the Apex accelerated programme and the bi-lingual Whakapiki i te Ao Māori class. There are also specific learning opportunities which can be considered – refer to the Special Programmes form in the Prospectus.

Choosing Your Subjects for 2022

Which Subjects Should I Study?

To choose your subject options you need to think about these things:

Range of subjects

- This is most important in Year 10
- The variety of subjects offered provides an opportunity to try new things and experience a number of different subjects

Interests

- What do you enjoy?
- You are more likely to work hard and do well in a course that interests you

Skills and abilities

- Which subjects are you good at?
- Discuss this with your parents and teachers

Learning style

Do you prefer:

- reading and writing
- listening and discussing
- practical work
- creative work

Career choices

- Research the subjects required or recommended for career areas you are interested in

Finding Out About Options

To make a decision about whether to study a subject, you need to be clear about the content and how it is assessed

- Some subjects may be new to you

- Year 9 is a good opportunity to try new subjects

- What topics does the subject include?
- Will the subject involve field trips, projects or performances?

You could consider these questions:

- Will I have to read many books?
- Will I have to write many essays?
- Will I need to do practical experiments?
- Will I need to make things?
- Will the subject involve discussion with other people in the class?
- How is the subject assessed – end of year exams, assignments, internal assessment?

Choose your subjects carefully. Option changes are only allowed in exceptional circumstances once a course has been commenced or confirmed



Students study these subjects throughout the year. In some cases they are in their form classes, in other cases they will be re-organised to cater for different levels of teaching.

English (7 hours per fortnight)

Why English?

English is a core subject which provides the language skills and experience, which are essential to all learning and in all areas of life. It is a foundation for most careers especially where oral and written communication is important. English is prerequisite for many professions including: law, teaching, journalism, politics, marketing, radio, television etc. As a core subject, English is recommended for medicine and other science based tertiary courses where report writing and research are required.



Miss Nicola Bowe
Head of English

What do we teach?

Through a wide range of topics students develop essential skills around reading, writing, communication and meaning. There is emphasis on critical thinking, transactional writing and multi-modal literacy skills necessary for progression both within and beyond school. Practical skills covered include: formal, report, creative and essay writing, comprehension and deeper thinking strategies, and visual/verbal literacy skills. Students have the opportunity to participate in ICAS English competitions, national spelling bees, and inter-school debating and speech competitions. Students are actively encouraged to participate in authentic learning contexts such as school and community publications and writing workshops with published authors and public figures.

Mathematics (7 hours per fortnight)

Mathematics is a core component of modern education. Mathematic skills are essential for problem solving and decision making in the 21st century. Students that specialise in Mathematics benefit from having a rigorous qualification at the end of schooling. Mathematics is a core prerequisite for numerous tertiary courses and careers. Trident High School offers students of all abilities suitable pathways of courses from Year 9 to 13.

Students develop flexibility and creativity in applying mathematical strategies to everyday life. Students will develop the ability to reflect critically on the methods they have chosen. Problem solving, reasoning and communicating mathematical ideas are learned and assessed through the skills of Number, Measurement, Geometry, Algebra and Statistics. Students also have the opportunity to participate in the Australian Mathematics Competition, Maths Olympiad and in the Maths Mind Competition.



Mrs Tracey Webster
Head of Mathematics



Science *(7 hours per fortnight)*

Science is both a process of enquiry and a body of knowledge. It is an integrated discipline. Our Year 10 curriculum focuses on the Nature of Science strand, which is centred on students developing scientific skills and attitudes and using these to make sense of the world around them. Our programs of learning also incorporate Mātauranga Māori, which takes many forms such as traditional knowledge of cultural practices and environmental knowledge. This involves the students learning about healing medicines, fishing and cultivation practices, astronomy, as well as concepts used in cooking and building. Students will also have the opportunity to participate in extension activities, with the opportunity to go further if successful.



Ms Katie Elliott
Head of Science

Social Studies *(7 hours per fortnight)*

Social studies gives you the skills to participate in an increasingly global society. It encourages critical thinking, an appreciation for the past, and an awareness of current and future issues such as sustainability and climate change. In today's world it is essential to understand different perspectives and Social studies allows students the opportunity to explore different ways of viewing the world.

Social Studies is about people; who they are, what they do and how they change. Our Year 9 and 10 programmes focus on local and national contexts particular to Whakatāne and Ngāti Awa, as well as global contexts. We focus on the strands of identity, culture and organisation, place and environment, continuity and change, and the economic world, and will incorporate the new NZ Aotearoa Histories curriculum. These are achieved through the development of skills of inquiry, critical thinking, exploration of values, and opportunities for social action.



Mrs Julie Farrell
Head of Social Sciences

This course leads on to senior courses in Geography, History, Business Studies, and Community and Social Investigation.



Physical Education *(3 lessons per week – 2 practical, 1 health theory)*

Our Year 10 Health Physical Education programme sees all Year 10 students study 3 hours of practical Physical Education per week with essential Health topics embedded in the delivery of the lessons. All students are required to bring their own Trident PE uniform to every lesson and must get changed for every lesson (even if ill or injured). Year 10 PE & Health develops on the progress students made in Year 9 and now looks to establish links towards preparation for Level 1 NCEA. In Terms 2, 3 & 4 the students will work on their own inquiry process where they will have the opportunity to 'choose' activities/contexts based around the theme of the assessment. The activities/contexts are taught by different teachers who teach to the 'theme' of the assessment as well as delivering key teaching and learning points to help develop understanding of the activity. The rationale behind student choice is to mirror that array of options students can take once they leave school. By allowing students to choose their own activities means they are making informed choices about physical activity and setting targets on how they plan to make progress throughout the learning unit. It will hopefully help inspire them to remain active once they leave Trident.



Mr Jonathan Stanhope
Head of Physical Education

Literacy and Numeracy Support

Literacy and Numeracy Support is provided through the Learning Hub. Support provided to students includes small group instruction, in-class support and assessment of students for Special Assessment Conditions (SAC). Students are referred for Learning Support by classroom teachers or parental request. Placement in programmes is on a needs basis determined by testing.



Mrs Sue Smith & Mr Brett Wharewera
Specialist Teachers



Year 10 students will be placed into three technology subjects over two terms. Each rotation will last between 6–7 weeks. The course aims to develop further the students' knowledge and application of technical processes. They will research, design and manufacture an outcome that is based on a given theme. Students will receive one report for Technology.

Computer Aided Manufacturing

This module consists of exposure to CAD (Computer Aided Design) tools such as Tinkercad, Laserworks and Planner 5d as well as software tools to create a Laser cut project in the workshop. The module is split between creating and exploring 3D objects on computer and prototyping and creating a project in the workshop environment. Students will have extensive opportunities to use the Laser cutter using cast acrylic or wood.



Mr Phil Pickering
Teacher

Engineering Technology

Plan, design, manufacture and evaluate an individualised project needed for home from a range of hard materials (mainly metal but may include glass, mirror, plastic, wood, etc). Students develop a range of practical workshop skills, utilising a range of new machinery, with the main joining technique being MIG welding. This course reinforces learning from other curriculum areas including mathematics (measurements, instruments, calculations), science (characteristics of materials), art, graphics and Maori culture (concept development) and English (terminology, symbols, and text). This course leads onto Level 1 Engineering Technology.



Mr Dave Dobbin
Teacher



Digital Technology

Students construct digital media outcomes that integrate media types and incorporate original content. Students also develop knowledge and skills in using different technologies to create digital content for the web, interactive digital platforms and print. They construct digital media outcomes that integrate media types and incorporate original content. They also learn how components and techniques are used to design digital devices and integrated to assemble and test.



Mrs Jan Foster
Teacher

Food Design Technology

Food Technology is a subject which requires students to produce a two/three course meal for friends. Students are expected to complete a design booklet which has evidence of research, planning, development of ideas and evaluation. The whole process from design problem to final solution must be evident in their design booklet and stakeholder's needs are expected to be met. The subject leads on to Level 1 Food Design Technology.



Ms Julie Reihana
TIC Food Technology

Wood Design Technology

Students design a solution to address a need. The solution will be made mainly from wood. Safety is a major element of this course and is taught throughout. Students are required to record their progress. Hand tools, power tools and machine skills are taught, and used. Students are expected to write a full evaluation and provide a photo of its end use. This is a rich learning environment where values and key competencies are reinforced. Other learning areas reinforced include Mathematics, Science, Art, DVC and Maori culture and English. This course leads on to Level 1 Wood Design Technology.



Mr Nigel Rowland
Head of Technology



Students specialise in their subject choice by choosing options which will allow them to develop their knowledge in a particular subject. All of these subjects are entry points to year 11 and Level 1 NCEA subjects. Students need to ensure that they work consistently throughout the year to gain entry to the course in Year 11.

Visual Art

As a career, Art is of benefit for advertising, marketing, industrial, interior, photographic or graphic design, website design, secondary school teaching, primary teaching, architecture, museum or gallery work, landscape architecture, film/television/video technicians, film animation, fashion designing, jewellery making, sign writing, screen printing or any other field which requires creative thinking.

This is a practical course that covers units of work in drawing, painting, and print-making. The course is designed to build and develop technical skill, self-expression and confidence in making art works. The course is offered as a full year and half year option.



Mr Glenn Barr
Head of Arts



Business Studies

An introduction to basic Economics and Business Studies and a pathway to the NCEA Level 1 Course. Focus on key concepts and terms – the economics of scarcity, choice and demand, marketing, production and financial literacy. This course prepares students for further study in Business Studies at Senior Level.



Mrs Nicholine Walters
TIC Business Studies

Fabric Design Technology

Year 10 Fabric Design Technology is a half-year course which focuses on designing and implementing basic textile concepts to create or revamp a fashion garment or accessories. All students will demonstrate a range of techniques and processes to manufacture their product from colour application to final construction. They will also learn how to communicate and model ideas through the use of CAD software and freehand sketching.



Ms Sue Lai
Teacher



Drama + Dance

The Year 10 Drama and Dance course allows students to explore different skills in communication of ideas and ways of expressing language and movement. The course will introduce students to presentation skills, performance worked based on plays, dance and performing arts technical aspects like lighting, costume and makeup. There are many opportunities to develop performance skills, and practical skills within this course and all assessments are based on the current New Zealand Curriculum. Students in the second term of Drama and Dance will have the opportunity to sit 7 credits at NCEA Level 1, in costume and makeup, and if they meet the national standard will have those credits banked for the following year. Students in Year 10 are also able to audition for the school production, along with any other student. They also have the opportunity to apply learning in authentic context.



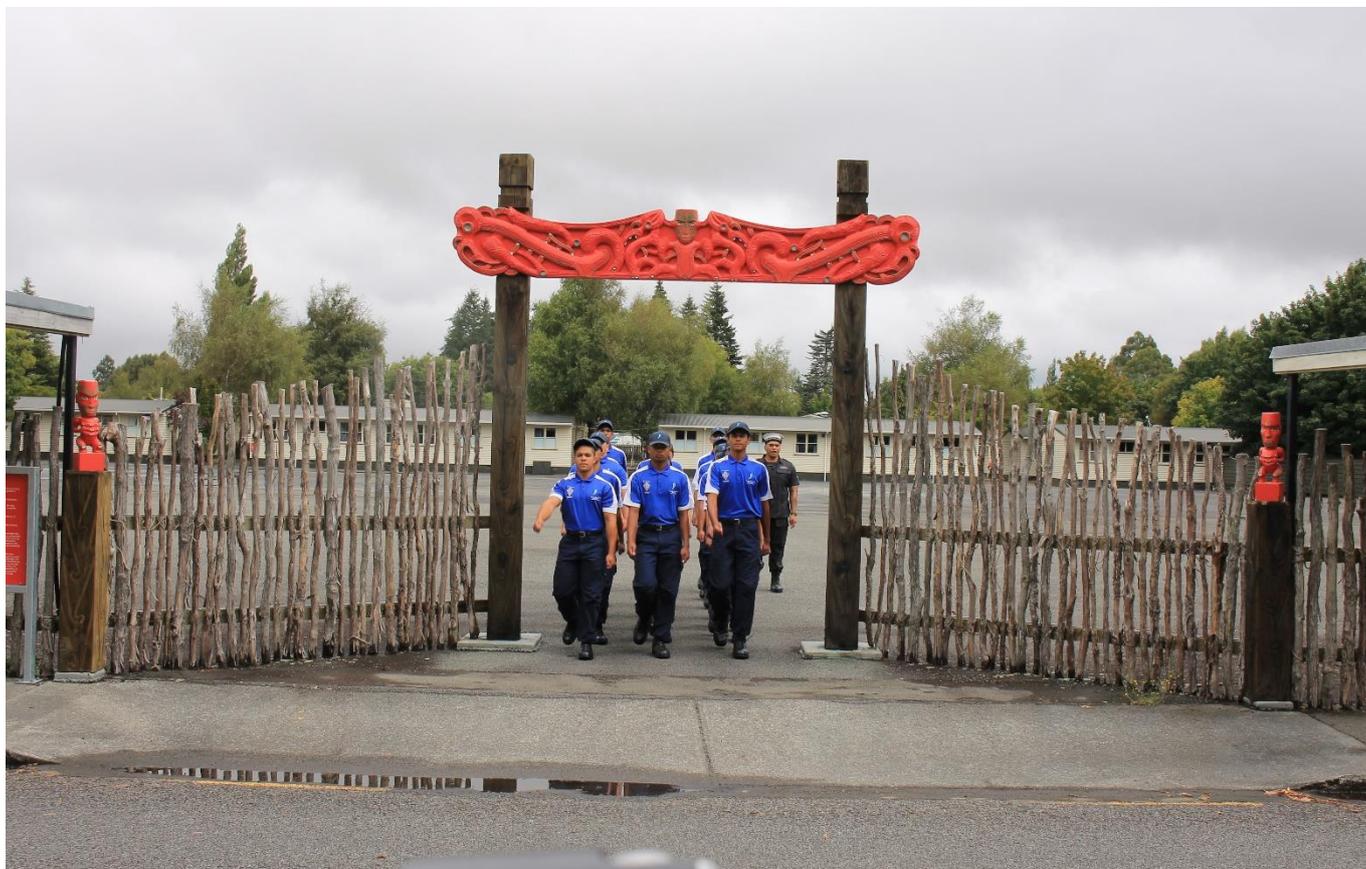
Mrs Lynne Robb
TIC Drama/Dance

Music

This course is a consolidation of the introduction to music in Year 9. Listening, composing and performing skills will be developed. A variety of classroom musical instruments will be available and students may wish to learn an instrument through the itinerant music Teacher programme. Students taking Year 10 Music are able to work in the wider music environment of the Trident Music Academy which includes the Big Band, Trident Vocals, Orchestra, Percussion ensemble, Rock Band as well as the participation in a variety of concerts, competitions – both Regional and National. Students in the Academy are also able to advance their learning to the next level on the advice of the teachers.



Mr Alex Kim
TIC Music



Sports Leadership

Sports leadership in Year 10 is a follow on from Year 9 SPL and there is an expectation that students choosing this course, have a positive and willing attitude. This course offers students further opportunities to develop their confidence to lead, inspire and encourage others. Students will have the chance to develop their ability to teach others and deliver quality instructions whilst considering the strengths and weaknesses of their target group. All students will be part of small groups who plan, deliver and evaluate a lesson taught to local primary schools. As part of this course, students will also take a deeper look into how the body works during exercise with a focus to prepare them for further study in NCEA Level 1 Physical Education. Sports leaders are expected to demonstrate their high levels of motivation in all lessons and to also be role models in their other classes by utilising their developed leadership skills across the wider school community.



Mrs Mel Emery
Assistant HOD PE

Junior Service Academy

An opportunity to select a subject that **combines outdoor education, physical activity/fitness, teamwork, problem solving and leadership skills**. This includes regular interaction with the Senior Service Academy which provides as insight into this highly successful and inspiring course.

The benefit of this option subject is the students **still have all the core subjects and other options** as part of their regular timetable. The added bonus of this subject is being able **discover skills and routines that will develop their engagement in school** and ultimately provide them with the ability to take responsibility for their learning in Year 10 and into the senior school.



Mr Fraser Shaw
TIC Service Academy

Programme: The programme would have the following topics:

- Drill and parade – physical activity, fitness and discipline in a military style context
- Adventure based learning – Problem solving, teamwork, cooperation and leadership in an active context
- Physical Challenge – a longest day

This is a half year option and is open to both male and female students.



Japanese

Learn about the culture of sushi, the way of tea and the language of manga and anime. Dive deep into things Japanese and learn the language and culture of another realm!

This course builds on the Year 9 course developing the students' skills in communication through listening and speaking. In Year 10, the students will be introduced to the 3 writings systems hiragana, katakana and kanji and begin to develop their reading and writing skills. Through learning Japanese, students will discover new ways of learning, new ways of knowing, and more about their own language and capabilities.



Mrs Hilary Harison
TIC Japanese

Spanish

Learn about the culture of Spain and other Spanish speaking countries. Investigate the Day of the Dead celebrations in Mexico and the links to popular culture.

This course expands on the knowledge and skills gained in Year 9, further developing a students' ability to communicate in Spanish. Students will have the opportunity to continue to improve their ability to write, read and speak in Spanish. Through learning Spanish students will learn more about their own world, language and culture, and build their confidence in learning a second language.



Ms Sarsha Deeley
TIC Spanish



Te Reo Māori

The Year 10 Te Reo Māori course is a stepping stone towards NCEA Level 1 Te Reo Māori. The focus is on developing skills in writing, reading, speaking and listening. Elements of tikanga are also covered to develop the students understanding of the Maori World. Regional and National Maori issues are also looked at to help students better understand the world they live in.



Mr Jimmy McLean
Head of Māori Studies

Māori Performing Arts

This subject takes the student on an adventure to learn more about Māori Culture taking into account local and regional history and the importance it has within the school and wider community. The journey takes into consideration a practical understanding of Arts and Crafts (Ta Moko, Whakairo), Leisure Activities (Ki-o-rahi, Waka Ama), and Māori Performing Arts. We also seek to enhance, develop and empower the students' leadership skills to do well in everything they undertake. Ko te manu e kai ana i te miro nona te ngahere. Ko te manu e kai ana i te matauranga nona te ao. The bird that eats the miro the forest is theirs. The bird that gathers knowledge, the world is theirs.



Mr Te Manaakitanga Pryor
Teacher

Whakairo (Carving)

The Year 10 Programme involves practical and theory work based on the history of Whakairo. The aim of this class will be for the students to create a portfolio of all their art and whakairo work to be displayed at the end of their rotation. There are 10 Level 1 credits available with the satisfactory completion of this course. The lessons will involve Māori tikanga practices that consist of karakia. The students will explore two and three dimensional drawings and create designs for their project. Students will be required to do research on the origins of Whakairo and Māori Art, in particular, kowhaiwhai, tukutuku and whakarei patterns. The students will also learn how to create a piece of carving from the designs that they have created. Selected pieces of work will be put forward to display at Art exhibitions.



Mr Toko Waaka
Teacher

Curriculum Structure

	Year 9	Year 10	Year 11	Year 12	Year 13
Languages	<ul style="list-style-type: none"> English Te Reo Māori Spanish Japanese 	<ul style="list-style-type: none"> English Te Reo Māori Spanish Japanese 	<ul style="list-style-type: none"> English General English Advanced English Communication Te Reo Māori Spanish Japanese 	<ul style="list-style-type: none"> English General English Advanced English Communication Te Reo Māori Spanish Japanese 	<ul style="list-style-type: none"> English General English Communication English Internal Te Reo Māori Spanish Japanese
Mathematics	<ul style="list-style-type: none"> Mathematics 	<ul style="list-style-type: none"> Mathematics 	<ul style="list-style-type: none"> Mathematics - Calculus Mathematics - Statistics Mathematics Financial Literacy 	<ul style="list-style-type: none"> Mathematics - Calculus Mathematics - Statistic Mathematics Financial Literacy Mathematics 	<ul style="list-style-type: none"> Mathematics - Calculus Mathematics - Statistics Mathematics Financial Literacy Mathematics
Science	<ul style="list-style-type: none"> Science 	<ul style="list-style-type: none"> Science 	<ul style="list-style-type: none"> Future Science General Science Internal Science Horticultural Science 	<ul style="list-style-type: none"> Physics Chemistry Biology General Science 	<ul style="list-style-type: none"> Physics Chemistry Biology General Science
Social Sciences	<ul style="list-style-type: none"> Social Studies 	<ul style="list-style-type: none"> Social Studies Business Studies 	<ul style="list-style-type: none"> Geography History Business Studies Community & Society Investigation 	<ul style="list-style-type: none"> Geography History Business Studies 	<ul style="list-style-type: none"> Geography History Business Studies
Arts	<ul style="list-style-type: none"> Music Drama/Dance Art Māori Performing Arts Whakairo/Carving Traditional Māori Games 	<ul style="list-style-type: none"> Music Drama/Dance Art Māori Performing Arts Whakairo 	<ul style="list-style-type: none"> Music Dance Drama Visual Art Māori Performing Arts Whakairo 	<ul style="list-style-type: none"> Music Dance Drama Art Painting Art Photography Māori Performing Arts Whakairo 	<ul style="list-style-type: none"> Music Dance Drama Art Painting Art Photography Māori Performing Arts Whakairo
Technology	<ul style="list-style-type: none"> Fabric Design Technology Food Design Technology Engineering Technology Wood Design Technology Bio Technology Computer Aided Manufacturing Digital Technology 	<ul style="list-style-type: none"> Fabric Design Technology Food Design Technology Engineering Technology Wood Design Technology Digital Technology Computer Aided Manufacturing 	<ul style="list-style-type: none"> Food Design Technology Fashion Design Technology Engineering Technology Wood Design Technology Digital Technology 	<ul style="list-style-type: none"> Food Design Technology Fashion Design Technology Engineering Technology Wood Design Technology Building Trades Technology Digital Technology 	<ul style="list-style-type: none"> Food Design Technology Fashion Design Technology Engineering Technology Wood Design Technology Building Trades Technology Digital Technology
Physical Education	<ul style="list-style-type: none"> Physical Education & Health Sports Leadership 	<ul style="list-style-type: none"> Physical Education & Health Sports Leadership 	<ul style="list-style-type: none"> Sport & Exercise Science PE Core Health 	<ul style="list-style-type: none"> Sport & Exercise Science PE Core Health 	<ul style="list-style-type: none"> PE Modules PE Unit Standards Health
Vocational Pathways		<ul style="list-style-type: none"> Junior Service Academy 	<ul style="list-style-type: none"> Landskills Futures Academy Semester Course 	<ul style="list-style-type: none"> Landskills Gateway Service Academy Futures Academy Licence to Work 	<ul style="list-style-type: none"> Landskills Gateway Service Academy Futures Academy Licence to Work
Volcanics			<p>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.</p>		

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

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

Yr 10 students 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.



Trident Junior Certificate

Year 9

Subject	Academic Credits
English	14
Mathematics	14
Science	14
Social Studies	14
Physical Education	14
2 x ½ Option	8 per option
Rotations	12

Year 10

Subject	Academic Credits
English	14
Mathematics	14
Science	14
Social Studies	14
Physical Education	14
Technology	10
Options	21

How many credits do I need to pass the year?

Achieved	50 credits
Achieved with Merit Endorsement	40 at Merit or higher
Achieved with Excellence Endorsement	40 at Excellence



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