



# TRIDENT HIGH SCHOOL

## YEAR 10 SUBJECT SELECTION BOOKLET

# Welcome to Year 10 at Trident High School



## Year 10 Structure

### Whānau Ako Class

Your Whānau Ako teacher is the key staff member for the student and the first point of contact for whānau. This class meets every morning and for a full lesson once a week to:

- Provide academic mentoring and wellbeing care.
- Involve students in co curricular activities to support a strong connection to our school.
- Support students with administration tasks.

### Core Subjects

Year 10 Trident students are placed in a Core Class and study the following compulsory subjects together for the whole year as set by our New Zealand Curriculum:

- English
- Mathematics
- Science
- Social Studies
- Health & Physical Education

Your student's core class teachers meet regularly to monitor achievement and plan next steps. Our Learning Support Coordinators help monitor and guide students with extra learning needs.

### Full Year Courses

Our philosophy is that at Year 10 our students benefit from exposure to a range of new subjects taught by specialist teachers.

At Trident High School students can choose from a range of Language and Art subjects for a full year course.

This is a chance to consolidate and embed skills from those associated with these curriculums.

### Half Year Courses & Option Courses

We offer students a diverse range of option subjects that build on subjects students experienced at Year 9 in their Rotation subjects.

### Technology Rotation

All students will rotate through the Technology subjects to give them further experience, an extension of the Year 9 rotations. Offering four Technology subjects across the year gives students access to all areas of the Technology curriculum.

# Setting up for the year ahead

## Chromebooks

All Year 10 students are required to either purchase their own chromebook or borrow a long term Loan Chromebook from Trident High School.

Teachers will guide students in using the range of platforms connected to the Google Suite including Gmail and Google Classrooms.

## Testing

E-asttle testing is completed in English and Lomas testing is completed in Mathematics periodically through the year. The information is used to inform teaching strategies for each individual student.

## Stationery

Students are still required to use hard copy stationery to record some of their learning. See our stationery list on our website.

## Year 10 Extension and Leadership Programmes

### APEX

The APEX junior classes provide an academic pathway to scholarship. Students will be challenged in their thinking and learning and will show commitment and curiosity in their approach to learning. The Year 10 programme is dedicated to enriching the learning opportunities for the students to develop breadth and depth in their core subjects in and out of the classroom. Retaining a place in APEX will require students to maintain an excellent work ethic and perform to the best of their ability.

### Whakapiki i te ao Māori

The purpose of this class is to provide a nurturing, supportive learning environment that uses te reo Māori and te ao Māori as a vehicle for educational success for Māori. The goal is to support the smooth transition of students from immersion or kura backgrounds to high school and to promote a positive cultural identity within the students. Students are encouraged in the core values of quality work and excellence through the daily practice of manaakitanga, whanaungatanga and kotahitanga.

### High Performance Sports Programme

The High Performance Sports Programme is a brand-new course for 2024 which provides a platform and pathway for outstanding sports performers at Trident. Students will access elite coaching and teaching and will experience a vast range of high-level sporting opportunities. This course will run through the junior school and into NCEA in senior years. This course is for Year 9 and 10 students who have a strong passion for sport and identify sport as a possible future career pathway. Students who join the High Performance Sports Programme are high performers in a school, regional or national team and have a passion and commitment to improve as a sports person as well as an athlete. Information for this programme will be emailed to all Year 9 whānau in Week 1, Term 4. Applications close in week 5.

### Year 10 only - Great Barrier Island Programme - Te waka whakahura - The Canoe of Discovery

The Great Barrier Island Programme is a leadership based initiative which aims to develop independent, collaborative, resilient young adults. The group is selected based on both an application from the student and from the parents. In Year 10 students are expected to get involved with fundraising activities and they have a three day local practice camp and through this they develop core values and a shared philosophy which they then put into practice on Great Barrier Island.

The programme in Term 3 is an adventure. Students tramp, fish, kayak, coasteer, snorkel and camp out under the stars. Each day there is also journal time for reflection and students are expected to handwrite a letter home each week. In terms of personal development students cook, clean, wash up and do their laundry and demonstrate self management skills through these responsibilities. They leave behind the world of mobile phones and media to connect with each other and the beauty of Great Barrier Island for an adventure which will have a significant impact on them for the rest of their lives.

## Mathematics/Pāngarau

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 ICAS competition and the Maths Mind Competition.



## English/Te Reo Ingarini

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 a 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. 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.

## Science/*Pūtaiao*

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 centered on students developing scientific skills and attitudes and using these to make sense of the world around them. Our programmes 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.



## Social studies/*Marau a Iwi*

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.

This course leads on to senior courses in Geography, History, Business Studies, Commerce and Humanities Internal.

## Physical Education and Health/*Hākinakina*

Our core Physical Education and Health programme is run through two practical sessions and one theory session each week. It is designed to allow everyone the opportunity to be involved in a range of physical activities and learning experiences related to your well being. You do not have to be an amazing athlete to do well in Physical Education, you need to have a great attitude and be supportive of your peers and their learning. You will experience a range of activities including times where you will choose the context you learn through. Developing excellent self management skills is a key component of our programme and as you are well aware by now, wearing PE gear is compulsory (even if ill or injured). Physical Education is about more than just the physical, it is about developing your support and empathy towards others through an understanding of strengths and weaknesses. It is also about realising how our actions can impact those around us and how our own attitude can dictate the type of experience we have. Our Health classes provide learning opportunities to give you knowledge on how to make health enhancing decisions as you navigate your life journey. Overall, we want you to grow your understanding of how being active can positively influence all aspects of your Hauora (taha tinana (physical), taha wairua (spiritual), taha whānau (social) and taha hinengaro (mental and emotional)).



## Product Design

Product Design introduces students to creating innovative and functional products. This hands-on course focuses on the product design lifecycle. Through a combination of projects, students will develop an understanding of design aesthetics, user-centered design, materials selection, manufacturing processes, and sustainability considerations. Wood, metal and plastics are available to be used and are combined to transform into products designed by the student.

## Food Design

Food Design 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 stakeholders needs are expected to be met. The subject leads on to Level 1 Food Design.



## 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. 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.

## Engineering

Plan, design, manufacture and evaluate a project 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 Māori culture (concept development) and English (terminology, symbols, and text). This course leads onto Level 1 Engineering.



## Half Year & Option Subjects

### Junior Art

This is a practical course that covers units of work in drawing, painting, and design. The course is designed to build and develop technical skill, self-expression and confidence in making art works.

### Drama

This 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 work 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.

### 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 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.



### Fabric design

Fabric Design is a half-year course which focuses on designing and implementing basic textile concepts to create or revamp a fashion garment or accessories. Students will demonstrate a range of techniques and processes to construct their products 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.

### Commerce/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, entrepreneurship, sustainability, production and financial literacy. This course prepares students for further study in Commerce and Business Studies at senior level.

### 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 an insight into this highly successful and inspiring course. The bonus of this subject is being able to 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.

The programme will 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



## Te Ao Haka

This Kaupapa ako takes students on an adventure to learn more about Māori Culture, customs and practices. We focus on elements of Te Ao Haka, Māori Performing Arts and tribal history and pūrakau. Students will research and understand the importance of Māori events that will be celebrated as a country throughout the year. This half year program is a stepping stone into the subject endorsed class of Te Ao Haka. Although this is a Year 10 program it offers a number of NCEA level 1 credits that relate to Te Ao Māori.

## Whakairo

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 programme. 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.



## Sports Leadership

This is an extension choice subject beyond the core classes with a focus on connecting with our local community through leadership as well as preparation for NCEA Physical Education.

Opportunities include:

- Development of confidence to lead others
- Visits to local primary schools to teach younger tamariki and assist with school events such as Cross Country and Athletics Sports
- Learning to plan and lead effective lessons
- Responding to high expectations and the chance to be a role model
- NCEA Level 1 preparation (Sport Science)



## Full Year Course Subjects

### 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 Māori World. Regional and National Māori issues are also looked at to help students better understand the world they live in.

### Art

As a career, Art is of benefit for advertising, marketing, industrial, interior, photography 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, printmaking, photography, design and sculpture. The course is designed to build and develop technical skill, self-expression and confidence in making art works.



### 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 revises the knowledge and skills gained in Year 9, and further develops a students' ability to communicate in Spanish preparing them for entry into Level 1 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. Opportunities for Extension.

Students in the Spanish class will have the opportunity to be part of the 2027 Arts and Culture Tour to Europe. Part of this tour is to spend time in Spain experiencing the culture, language, art, architecture and history of Spain. Students will have the opportunity to experience a flamenco dance show, go to a major football stadium and spend some time using their language while shopping and wandering around a Spanish city.

### 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 writing 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. Students have the opportunity to travel to Japan as part of our biennial Japan tour visiting Kamagaya, our sister city and travelling to top tourist spots such as Kyoto, Nara, Osaka and Hiroshima.

# Curriculum Structure

	Year 9	Year 10	Year 11	Year 12	Year 13
Languages	<ul style="list-style-type: none"> <li>English</li> <li>Japanese</li> <li>Spanish</li> <li>Te Reo Māori</li> </ul>	<ul style="list-style-type: none"> <li>English</li> <li>Japanese</li> <li>Spanish</li> <li>Te Reo Māori</li> </ul>	<ul style="list-style-type: none"> <li>English</li> <li>English Communication</li> <li>Japanese</li> <li>Spanish</li> <li>Te Reo Māori</li> </ul>	<ul style="list-style-type: none"> <li>English Advanced</li> <li>English General</li> <li>English Communication</li> <li>Japanese</li> <li>Spanish</li> <li>Te Reo Māori</li> </ul>	<ul style="list-style-type: none"> <li>English Advanced*</li> <li>English General</li> <li>English Communication</li> <li>Japanese</li> <li>Spanish</li> <li>Te Reo Māori</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</li> <li>Applied Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics</li> <li>Mathematics with Calculus</li> <li>Financial Literacy</li> <li>Mathematics with Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics</li> <li>Mathematics with Calculus*</li> <li>Financial Literacy</li> <li>Mathematics with Statistics*</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>General Science</li> <li>Future Science</li> <li>Horticultural Science</li> <li>Living Science</li> </ul>	<ul style="list-style-type: none"> <li>General Science</li> <li>Biology</li> <li>Chemistry</li> <li>Physics</li> </ul>	<ul style="list-style-type: none"> <li>General Science</li> <li>Biology*</li> <li>Chemistry*</li> <li>Physics*</li> </ul>
Social Studies	<ul style="list-style-type: none"> <li>Social Science</li> <li>Tikanga</li> </ul>	<ul style="list-style-type: none"> <li>Commerce/ Business Studies</li> <li>Social Science</li> </ul>	<ul style="list-style-type: none"> <li>Commerce</li> <li>Geography</li> <li>History</li> <li>Humanities Internal</li> </ul>	<ul style="list-style-type: none"> <li>Business Studies</li> <li>Geography</li> <li>History</li> </ul>	<ul style="list-style-type: none"> <li>Business Studies</li> <li>Geography*</li> <li>History</li> </ul>
Arts	<ul style="list-style-type: none"> <li>Art</li> <li>Drama</li> <li>Te Ao Haka</li> <li>Music</li> <li>Traditional Māori Games</li> <li>Whakairo</li> </ul>	<ul style="list-style-type: none"> <li>Art</li> <li>Drama</li> <li>Te Ao Haka</li> <li>Music</li> <li>Whakairo</li> </ul>	<ul style="list-style-type: none"> <li>Visual Arts</li> <li>Drama</li> <li>Te Ao Haka</li> <li>Music</li> <li>Whakairo</li> </ul>	<ul style="list-style-type: none"> <li>Art Painting</li> <li>Art Photography</li> <li>Art Design</li> <li>Drama</li> <li>Te Ao Haka</li> <li>Music</li> <li>Whakairo</li> </ul>	<ul style="list-style-type: none"> <li>Art Painting*</li> <li>Art Photography*</li> <li>Art Design</li> <li>Drama</li> <li>Māori Performing Arts</li> <li>Music*</li> <li>Whakairo</li> </ul>
Technology	<ul style="list-style-type: none"> <li>Computer Aided Manufacturing</li> <li>Fabric Design</li> <li>Food Design</li> <li>Product Design</li> <li>STEM- including EPro8</li> </ul>	<ul style="list-style-type: none"> <li>Computer Aided Manufacturing</li> <li>Engineering</li> <li>Fabric Design</li> <li>Food Design</li> <li>Product Design</li> </ul>	<ul style="list-style-type: none"> <li>Computer Aided Manufacturing</li> <li>Engineering Design</li> <li>Fashion Design</li> <li>Food Design</li> <li>Product Design</li> </ul>	<ul style="list-style-type: none"> <li>Building Trades</li> <li>Computer Aided Manufacturing</li> <li>Engineering Design</li> <li>Fashion Design</li> <li>Food Design</li> <li>Product Design</li> </ul>	<ul style="list-style-type: none"> <li>Building Trades</li> <li>Computer Aided Manufacturing</li> <li>Engineering Design</li> <li>Fashion Design</li> <li>Food Design</li> <li>Product Design*</li> </ul>
Physical Education	<ul style="list-style-type: none"> <li>High Performance Sports Programme</li> <li>Outdoor Adventure Education</li> <li>PE &amp; Health</li> </ul>	<ul style="list-style-type: none"> <li>High Performance Sports Programme</li> <li>PE &amp; Health</li> <li>Sports Leadership</li> </ul>	<ul style="list-style-type: none"> <li>Health</li> <li>High Performance Sports Programme</li> <li>PE Core</li> <li>Sport &amp; Exercise Science</li> </ul>	<ul style="list-style-type: none"> <li>Health</li> <li>High Performance Sports Programme</li> <li>PE Core</li> <li>Sport &amp; Exercise Science</li> </ul>	<ul style="list-style-type: none"> <li>Health*</li> <li>PE* Modules</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> </ul>	<ul style="list-style-type: none"> <li>Futures Academy</li> <li>Gateway</li> <li>Landskills</li> <li>Licence to Work</li> <li>Service Academy</li> <li>E- learning - kōtui ako</li> </ul>	<ul style="list-style-type: none"> <li>Futures Academy</li> <li>Gateway</li> <li>Landskills</li> <li>Licence to Work</li> <li>Service Academy</li> <li>E- learning - kōtui ako</li> </ul>

\*Indicates scholarship programmes are available in these subjects.



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