

# **Year 10**

## **Option Information Booklet**

**2019**

Dear Year 9 Parents and Caregivers

I hope that your child has enjoyed their first year at Rotorua Lakes High School and has made the most of the opportunities offered to them.

It is now time for your child to start thinking about next year and their future pathways. Year 10 has a range of subjects that students can choose to do for the first time or they can choose to continue with subjects studied in Year 9, to build on their knowledge. Students will need to think carefully about their choices as the possibility to move is not always available.

This booklet contains information about the subjects that are on offer in Year 10. Your child will choose **four** options (unless they are doing a language, in which case they will choose only **three**). They will complete **two** options over term 1 and 2 and then change to complete **two different** options for terms 3 and 4.

If a student wishes to do a language at NCEA level 1 they must take it in Year 10.

**Option sheets with completed choices must be handed to the office by 3.15pm Friday 9<sup>th</sup> November.**

If there are any questions please do not hesitate to phone on 3456124 ext 233.

Kind regards

Katherine Beijeman  
Year 10 Dean

P.B. Walker  
Principal

# FULL YEAR COURSE

## TE REO MĀORI – 10TRM

## FULL YEAR OPTION

### He Taonga te reo

Did you know that the Māori language is a treasure? If we learn it, speak it and use it on a daily basis, it will be there for the future for Māori and all New Zealanders.

Year 10 Te Reo Māori is a **year-long** course with 3 one hour lessons per week.

This course is designed to support students to further develop their skills in speaking, reading, writing and listening in Te Reo Māori. Whilst it is preferred that you have studied Te Reo Māori at Year 9, it is not a pre-requisite for 2018. All students will be considered for this course.

Some students in this course may have the opportunity to gain NCEA Level 1 Unit Standard credits and to learn to communicate in Māori about a range of topics including:

- Ko ngā marae me ngā tikanga ā te Māori (Marae, customs and cultural values)
- Hākinakina, kemu Māori me ngā mahi ā Te Rehia (Sports, Māori games and Māori performing Arts)
- Ko ngā hākari, tunu kai me ngā hui whakanuia (Feasts, cooking & festivals such as: Matāriki)
- He whakaaturanga mō te tangata me ngā taonga (Describing people and objects)
- He kōrero mōu, tō kāinga me ngā mahi ngahau ki a koe (Talking about self, home and hobbies)
- Toku Ao (the world I live in)

This course will also include practical elements such as writing recipes and cooking, making kites during Matāriki and learning how to host a pōhiri (Māori welcome).

To enrol in NCEA Level 1 Te Reo Māori, **students must have completed Year 10 Te Reo Māori.**

## **HALF YEAR COURSES**

### **ADVANCED PHYSICAL EDUCATION – 10APE**

#### **PRE-REQUISITES:**

Must have achieved within the level or above in four or more Physical Education units at Year 9.

#### **COURSE INFORMATION:**

This is an option that runs over two terms and the students participate in APE three times per week. This course is designed to take a closer look at topics such as: anatomy, physiology, skill acquisition, and methods of training. This option will greatly assist those students looking at opting into senior levels of Physical Education.

#### **Topics Covered:**

- Anatomy and Physiology
- Personal Training Programme (Design and Completion)
- Motor Learning and Skill Acquisition Unit
- Research Topic
- Biomechanics

**Continuation:** NCEA Level 1 Physical Education.

### **BUSINESS STUDIES – 10BUS**

Whatever the environment, all of us are affected by business. Business Studies is involved in making key decisions at work, at leisure and at home which affect our daily lives. The study of business is about how individuals and groups of people organise, plan, and act to create and develop goods and services to satisfy customers.

Business Studies involves more than just sales and profit calculations. It is about solving problems, communicating ideas and using judgment. In this course you will need to do the same.

Business Studies is an option at Year 10 for students who will study 3 periods per week over two terms.

This course explores:

1. Business Organisations
2. Marketing
3. Enterprise
4. Financial Literacy

This course will appeal to you if you want to study a subject that is relevant to your life and experiences. You will learn about different types of businesses and their areas of expertise. You will explore marketing ideas which make a business successful and examine the most valuable resources for a business – people. You will also create your own business idea and construct a business plan and apply all the concepts you learn on a Market Day enterprise project.

**Continuation:** NCEA Level 1 Accounting and Economics.

## COMPUTER SCIENCE TECHNOLOGY – 10CST

Computer Science incorporates techniques and methods for solving problems and advancing knowledge, and includes a distinct way of thinking and working that sets it apart from other disciplines.

Computer Science gives students the ability to develop effective ways of solving computing problems and devising new ways to use computing technologies.

Students will learn:

- How to specify, design and construct computer-based systems, evaluate, recognize potential risks and design creative solutions.
- How data is transmitted and stored with confidence.
- How to sort and search for data quickly and efficiently
- To analyse hardware and software systems, and programming languages
- To build on basic knowledge, practical and organizational skills gained in Year 9
- How to be safe within a computing environment
- To set realistic targets for themselves
- To work in a safe manner
- To develop computing outcomes by applying the computing process and practical skills.

**Continuation:** NCEA Level 1 Digital Technology.

## REVIT FOR DESIGN & VISUAL COMMUNICATION – 10CAD

Computer aided drawing and design is an introduction for students to create full 2D and 3D architectural project models and set them up in working drawings using Autodesk Revit and Inventor.

This is a computer based course where students will develop their skills and knowledge using the software and apply this to a design brief.

Course Objectives:

- Navigate the Autodesk Revit and Inventor workspace and interface
- Working with basic drawing and editing tools
- Create and modify levels and grids
- Create a 3D building model with walls, windows and doors
- Create floors, ceilings and roofs for the building model
- Create, modify, load and manage components
- Work with drawing sheets and title blocks
- Develop and present a solution for a design problem
- Complete drawing documentation for a project

**Continuation:** NCEA Level 1 Design & Visual Communication (DVC).

## **CAD FOR PRODUCT DESIGN & ENGINEERING – 10PDE**

This course provides an introduction to 3D solid modelling using Autodesk Inventor, leading into career pathways in design and engineering.

Students will develop their skills with industry standard software to create virtual prototypes that can be produced using 3D printing.

Once students have developed a working knowledge of the software, they will apply their skills to create a prototype for a simple product that meets a design brief. The prototype will be 3D printed for testing evaluation.

Course Objectives:

- Understand and navigate the user interfaces of Inventor software
- Use drawing tools to create 2D sketches
- Produce 3D forms and modify them to create virtual components
- Use free form bodies to create photo realistic presentations
- Apply visual effects to create photo realistic presentations
- Work to generate a design to meet a design brief
- Create engineering drawings from their models
- Print 3D models of their designs for evaluation

By the end of this course students will be able to competently use Inventor to create virtual prototypes.

**Continuation:** NCEA Level 1 Product Design.

## **DESIGN & VISUAL COMMUNICATION – 10DVC**

Design and Visual Communication is the communication of ideas and information through the medium of drawing. Learning to draw and understand simple drawings is fundamental to human development and communication. In Design & Visual Communication, interest is developed by using specialised equipment, learning set standards of presentation and the completion of individual work. The design brief approach has been used in Design & Visual Communication and students can develop broad graphic communication skills, fully explore the design process and gain an appreciation of good design.

Students will learn to:

- Focus on where visual literacy and creative thinking is developed, using visual communication techniques.
- Build on basic knowledge, practical and organisational skills gained in Year 9
- Produce freehand sketches that communicate design ideas
- Use rendering techniques to communicate the form of design ideas
- Produce instrumental drawings that communicate technical features of design ideas
- Develop design ideas through Design & Visual Communication Practice.

There may also be an opportunity to learn CAD – Computer Aided Design.

**Continuation:** NCEA Level 1 Design & Visual Communication (DVC).

## **DRAMA – 10DRA**

Year 10 Drama is a half year course that combines theory and practical work and is especially aimed at increasing the knowledge in this discipline to ensure those students intending to take senior Drama at levels 1, 2 and 3 will have an excellent grounding in Drama as an academic subject.

### **Units of work will include, but are not limited to:**

- Personal and social skills required to work as an ensemble in Drama
- Drama elements of Role, Action, Time, Tension, Space, and Symbol
- Drama techniques of Voice, Body, Movement, and Use of Space
- Devised Drama
- Script work

### **Students are expected to:**

- Be taken out of their comfort zone
- Try new things with new people
- Learn lines out of class time
- Perform for their peers
- Devise drama for a performance
- Perform an Acting Role in a solo, paired or group performance

### **In Term 4:**

Students will produce a Drama powerpoint presentation using animation, transitions, design, sound and text.

To succeed in Year 10 Drama students must have an interest in Drama, be motivated to achieve, have a good understanding of English, and be enthusiastic and creative.

**Continuation:** NCEA Level 1 Drama.

**All students will be videoed for assessment purposes.**

## **FOOD TECHNOLOGY & NUTRITION – 10FNT**

The Year 10 Food Technology course builds on the basic knowledge gained in Year 9. The course looks at the food groups and the nutrients that are available in each group. This knowledge will be beneficial for Year 11.

Students will also gain basic knowledge of the technology process through planning, designing and understanding a brief. Through this course students will gain social and co-operative skills through the extensive use of group work. They will also build on the practical and organisational skills they gained in Year 9.

Students will learn to:

- Investigate food groups and the nutrients that are available in each group
- Broaden knowledge of nutrients that need to be supplied by the diet and their importance
- Demonstrate safe working practices when using equipment and food.
- Design and develop a food product
- Sensory evaluation

**Continuation:** NCEA Level 1 Food Technology.

## **HEALTH EDUCATION – 10HED**

Health Education is looking at the issues in our community and how they influence and effect our well-being. The Year 10 Health course builds on the basic concepts gained in Year 9 and will greatly assist those students opting into senior levels of Health and Physical Education.

### **Topics covered:**

- Hauroa
- Changes and Choices
- Nutrition
- Relationships
- Health Promotion Research Topic

### **Continuation:**

Level 1 Health Education

## **MEDIA STUDIES – 10MES**

In Year 10 Media Studies, students will complete a film or documentary, so this subject is perfect for any budding film directors or producers. This course will teach students about the three stages of production for filmmaking, as they will gain a knowledge of planning, camera work and editing.

The skills students learn at this level will be applicable at the senior level for Media Studies and English. Students will complete a mixture of practical tasks, as well as some bookwork. The course allows students to develop their creativity, hone their organisational skills, and it teaches them to begin viewing the media with a critical eye, which is a skill that is particularly useful in this day and age.

### **Continuation:**

Level 1 Media Studies



## MUSIC – 10MUS

Music in Year 10 develops every student's 'found' abilities in Year 9. It is the next step for those musicians preparing for Year 11 work. The focus is on performance music with the pupils performing solo and as a member of a group. Some may be working on NCEA standards. Please note that pupils are filmed and video footage produced before a live audience, and during class for assessment purposes.

Developing Ideas – The development of skills is encouraged with improvisation and word setting exercises. Ideas may be performed for Rockquest etc.

Practical Knowledge – Students are encouraged to show commitment to the Itinerant Music Tuition Programme at Rotorua Lakes High School or undertake other approved instrumental instruction. Performance is encouraged in every sphere. Students can use the available instruments (usually metallophone, piano, keyboard, or guitar), or use their own instruments when brought to school. Where possible, these may either be left in the music room or by student reception.

Understanding Context - Words are to be set to Rhymes and Verse to develop the habit of gathering evidence. Selected pieces are used for developing listening skills.

Co-Curricular Activities - Smokefree Rockquest, Smokefree Pacificabeats, Rhapsody Rotorua, Lakes Has Talent Quest, Rotorua District Council Workshops, Bay of Plenty Polytechnic, Waiariki Polytechnic.

**Continuation:** NCEA Level 1 Music.

## RESISTANT MATERIALS & DESIGN TECHNOLOGY – 10MTH

Hard Materials Technology encourages students to participate in a creative process of planning, design and evaluation to produce a unique multi-material project.

Students are also encouraged to develop a set of skills which allow them to successfully use technology equipment.

This is a hands-on workshop-based course where students will develop their skills with tools by making things. Each student will make products that they will be able to take home at the end of the course.

Students will learn to:

- Build on basic knowledge, practical and organisational skills gained in Year 9
- Use tools and equipment safely and accurately to produce a high quality outcome
- Carry out a "design and make" task
- Explore their own design ideas to develop a successful product
- Communicate their design ideas with clear annotated drawings
- Measure, mark and cut accurately
- Peer assess
- Set realistic targets for themselves
- Develop products by applying the technological process and practical skills

**Continuation:** NCEA Level 1 Engineering and Level 1 Product Design & NCEA Level 1 Carpentry.

## SPANISH - 10SPA

Do you want to travel, to explore the world, to meet, speak and possibly work with the people in the countries you visit?

Are you aware that in 22 countries 350 million people speak Spanish as their native language? As more and more of these people visit New Zealand, employers in tourism, trade and business will be looking for you because you will be able to speak and understand Spanish.

The main aim of Year 10 Spanish is for students to be able to understand and communicate in simple Spanish on topics relevant to their daily lives.

There are two different Spanish courses in Year 10: Spanish C takes place in the first half of the year. It revises and extends the Year 9 course. Direct entry into Spanish C may be possible, with consultation. Spanish D is a continuation, in the second half of the year, and is aimed at students who plan to progress to Year 11 Spanish and focuses on all four language skills: listening comprehension, reading comprehension, speaking and writing. Students who have done very well in Year 9 Spanish may apply for direct entry to Spanish D.

There will be references to Spanish and Latin American culture throughout the courses.

### Spanish C:

Students will learn to communicate in Spanish about:

- Themselves, their extended family and pets including appearance and personality.
- Their homes, including where they live (town, country etc.) and their house.
- Their free time, sports and games, what they like and don't like to do in the weekends and in the holidays.
- Their home town, and different places and shops in town, where they are going, what you can do there and expressing opinions and reasons.
- The weather and how it affects their daily life, weekend and holiday plans.

### Spanish D:

- Their daily routine and telling the time.
- Clothing and shopping for clothes. What you wear for different occasions and in different seasons.
- The foods and drinks they like, meal routines and ordering in restaurants.
- Culture through film and popular music will be introduced.
- How to give and follow directions.
- Making plans to go out.

**Continuation:** NCEA Level 1 Spanish.

## TEXTILE, FASHION & DESIGN TECHNOLOGY – 10TFD

Year 10 Textile, Fashion & Design Technology focuses on creating with fibre, yarn and fabric and learning skills that will enable students to manipulate various soft materials.

This course is based on the technology process which encourages the students to apply skills to plan and design, creating a unique product.

Students will learn to:

- Build on basic knowledge, practical and organisational skills gained in Year 9
- Work creatively and purposefully to carry out a design task
- Communicate design ideas with clear annotated drawings
- Explore design ideas to develop a successful product
- Measure, mark and cut accurately
- Use equipment accurately and efficiently to produce a high quality outcome
- Peer assess
- Set realistic targets for themselves
- Develop products by applying the technological process and practical skills

**Continuation:** NCEA Level 1 Textiles, Fashion & Design.

## VISUAL ARTS – 10ART

This course is a fun introduction to the many pathways available in Arts. The course is designed to cover the disciplines of Painting, Photography, Printmaking, Design, and Sculpture. This course will prepare students for the continuation in Visual Arts in the Senior school by introducing them to a variety of media and techniques.

The option will teach students:

- How to draw and paint from observation.
- A range of technical skills using a range of media

The units are fun, easy and designed as entry level for all students that have an interest or passion for creative career pathways, or want to develop their creative talents.

**Continuation:** Level 1 Painting & Printmaking, Level 1 Mixed Media Photography, and Level 1 Sculpture.