

# **FAHS - FEILDING HIGH SCHOOL**



## **2024 Year 10 Course Information**

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## 2023 YEAR 10 OPTION SUBJECTS

10. 10AGR Agriculture
11. 10ART Art
12. 10COM Commerce
13. 10DAN Dance
14. 10DVC Design and Visual Communication
15. 10DTE Digital Technology
16. 10DRA Drama
17. 10FTE Food Technology
18. 10FRE French
19. 10HRT Horticulture
20. 10JPN Japanese
21. 10MED Media Studies
22. 10MUS Music
23. 10SPBN Sport Performance (Basketball, Football, Hockey, Netball and Rugby)
24. 10MAO Te Reo Māori
25. 10THM Technology Hard Materials
26. 10TTE Technology Textiles

# SUBJECT SELECTION OVERVIEW

## Course Planning

When planning your Year 10 Subject Selection for 2023, keep the following in mind:

- The subjects you take in Year 10 impact on subjects available to you in Year 11
- If you have a particular career in mind, research the requirements to ensure your subject choices create a pathway to get there
- If you are unsure remember you have the following people you can talk to:
  - Your Whānau
  - Your Teachers
  - Faculty Leaders
  - Your Dean

## Your Year 10 Course

- A Year 10 course consists of five core subjects. English, Mathematics, Social Studies and Science are full year courses. Physical Education and Health is a half year course.
- Typically, students will also take three other half year option equivalents. For example
  - 3 half year options
  - 1 full year option, eg Te Reo Maori (10MAO1 & 10MAO2), plus a half year option
- A student may choose 2 full year options, four half year equivalents, with the permission of the Principal. Special dispensation is required to forgo the half year Physical Education and Health course. For example, full year Te Reo Maori and full year Music.
- Entry into Sport Performance is approved by the Head of Sport.
- A student may choose two Sports Performance options. This would require the student to forgo the half year Physical Education and Health course. A further two half year equivalent courses would then need to be chosen.

## Selecting your Subject Choices

Your subject selection will be made on the Parent Portal. The Parent Portal can be accessed via the 'Quick Links' menu on our school webpage or directly via the following address:

<https://feildinghigh.school.kiwi>

We will try to fulfil the wishes of students and their whānau in selecting subjects, but the school reserves the right to limit or modify classes according to:

- The ability and needs of the student
- Available staffing, resources, and timetable restrictions.

# **Year 10 English**

Students will have four classes each week for the whole year.

The Year 10 English course has two primary focuses.

Firstly, students will build on the fundamentals they have learned in Year 9. This includes reading, spelling, punctuation and grammar skills. Students will also solidify their understanding of good editing practices in their written work.

Assessments at Year 10 include Response to Text, Visual Language, Speech and Writing Portfolio.

At the end of Year 10, a class placement recommendation for Year 11 will be made by the student's teacher. The student will be placed in the appropriate Year 11 course by their year level Dean.

# **Year 10 Mathematics**

Students will have four classes each week for the whole year.

Students will continue to develop their problem-solving skills and extend their Mathematics from Year 9.

The Year 10 Mathematics course is split into nine topics including algebra, statistics, probability, geometric reasoning, and number.

Students will learn through a variety of classroom activities, as well as the integration of e-learning tools.

The school provides two weekly Mathematics tutorials to complement students learning by providing extra support.

At the end of Year 10, a class placement recommendation for Year 11 will be made by the student's teacher. The student will be placed in the appropriate Year 11 course by their year level Dean.

# Year 10 Science

Students will have four classes each week for the whole year.

Junior Science develops scientific knowledge, making it as practical as possible. Students will also develop their investigation, planning and data collection skills. This is done using different contexts throughout the course. Students will use a wide range of glassware, chemicals, electrical and other equipment.

The contexts and units of work we study are as follows:

## Climate Change

- Practical skills
- Plants
- Acids and Bases
- Atomic Theory

## Physics

- Energy
- Electricity
- Humans and the environments
- Microorganisms

## Who am I and Where did I come from?

- Reproduction
- Genetics

At the end of Year 10, a class placement recommendation for Year 11 will be made by the student's teacher. The student will be placed in the appropriate Year 11 course by their year level Dean.

# Year 10 Social Studies

Students will have four classes each week for the whole year.

Social Studies is the study of how people live their lives. Year 10 Social Studies students learn about the concepts and big ideas that exist in the world around them.

The units of work we study are in the following learning areas:

Geography	The study of places we live and work
History	The study of actions and ideas from the past
Social Studies	Exploring ideas and issues that are important and relevant for people

Students complete inquiry-based research tasks in order to better understand the world around them. They learn about values, perspectives, identity and culture. Students gain an understanding of their own roles as citizens of the Manawatu, New Zealand and the world.

Students learn about the relevance and importance of the Treaty of Waitangi and the unique bicultural nature of our New Zealand society. We aim to develop students' ability to be critical, informed, responsible and active citizens.



# Year 10 Physical Education & Health

Students will have four classes each week for a half year.

Through physical activities and theoretical lessons students will engage in a mixture of:

- Adventure based learning
- Aquatics
- Body image
- Cross country
- Decision making
- Enablers and barriers to physical activity
- Fitness testing
- Fitness training
- Goal setting
- Hauora
- Healthy relationships
- Interpersonal skills
- Invasion games
- Mental health
- Methods and principles of training
- Movement – gymnastics, dance
- Sexuality education
- Striking and fielding

# Option Subject Information

## AGRICULTURE

**10AGR**

Students will be given a broad overview of the gate to plate processes of products produced in the primary sector of New Zealand. Students will also conduct a practical investigation on pasture plants and cover aspects on livestock digestion, reproduction and health. Students will also be introduced to concepts around sustainable agriculture in New Zealand where students will explore water quality.

### What I will learn?

- Pasture and crop production in the primary sector
- Sustainability in agriculture
- Gate to plate - processes that products go through when they leave the farm gate
- Practical investigation - agronomy in New Zealand
- Livestock production – animal reproduction, digestion and health

### How I will learn?

From classroom lessons, visits to the school farms, and farm duty.

### Subject Progression

This course is a prerequisite for students to take 11 Agriculture or 11 Primary Industries. Students are required to pass the end of option exam or at TIC discretion.

## **ART**

## **10ART**

Students need to have taken Art in Year 9 to take it in Year 10

### **What I will learn?**

Students will carry out projects which prelude senior pathways in disciplines of drawing, painting, photography and graphic design using a wide range of wet (paint, inks, dyes etc), dry (pencil, pens, charcoals) and digital (camera and computer generated) media.

In Visual Art students gain valuable skills in making critical judgements, problem solving, interpreting and celebrating multiple perspectives, and communication through imagery as well as language.

### **How I will learn?**

Students will build personal confidence as they manipulate and transform visual, tactile, and spatial ideas to solve problems and create successful outcomes based on their own personal goals.

Students will manage themselves by working with a range of media in a self-regulated way and through time management to complete tasks to a given deadline.

Students will develop their conceptual thinking by viewing art works, bringing their own experiences, sharing responses and generating multiple interpretations.

### **Subject Progression**

This course is a prerequisite for students to take 11 Art.

## COMMERCE

## 10COM

### What will I learn?

Students will learn how individuals, households, businesses, and the government make decisions and the impact of these decisions.

The Commerce course gives students an introduction to the language and concepts used in Accounting, Business Studies and Economics. This enables students to make a more informed choice when they come to choose their subjects for Year 11.

Topics include income and deductions from income, resources, saving and investment, demand, introduction to business, entrepreneurial skills and keeping financial statements.

### How will I learn?

Students will learn through a variety of tasks such as viewing, reading, writing and class discussions.

### Other detail

Students will be involved with making a product which will be sold at a Trade Fair run by the class.

### Subject Progression

Year 10 Commerce is an advantage for Year 11 Accounting, 11 Business Studies and 11 Economics, but not a requirement.

## **DANCE**

**10DAN**

### What will I learn?

This course aims to give students a practical based taste of different dance genre, also incorporating relevant theoretical dance information.

### How will I learn?

Students get to participate in a variety of different dance related genres and activities and are also given the opportunity to experience lessons taught by guest experts, as well as seeing live performances.

Students will also undertake research activities in order to develop their theory of dance knowledge.

### What I will learn?

- To use the design process to formulate their own ideas in solving design problems.
- To interpret and present information in appropriate graphic forms, including freehand and instrumental drawing.
- To develop skills in visual communication techniques.
- To organise and present information to show their own design ideas.
- Computer Aided Design (CAD)
- 3D printing and laser cutting

### How I will learn?

Students will design and present their ideas using a variety of media, including paper portfolios and model making. Project work will enable students to develop confidence in drawing, show progression of skills and application of the design process.

### Subject Progression

This course is a preparation for 11 Design and Visual Communication.

## **DIGITAL TECHNOLOGY**

**10DTE**

### What I will learn?

- Web Development
- Image Manipulation
- Computer Programming
- Computer Science

### How I will learn?

- Creating webpages using HTML
- Working collaboratively with classmates in Microsoft Teams
- Creating computer programmes using Scratch and Python
- Designing and Developing Digital Outcomes

### Subject Progression

This course is a prerequisite for 11 Digital Technology.

## **DRAMA**

## **10DRA**

### What I will learn?

This course aims to increase skills and confidence in character work, devising and performance, as well as the ability to analyse dramatic work using correct vocabulary.

### How I will learn?

Mostly from practical lessons and from taking part in class performances.

### Subject Progression

Year 10 Drama is an advantage for Year 11 Drama, but not a requirement.



## **FOOD TECHNOLOGY**

**10FTE**

### What I will learn?

This course will develop and extend their nutritional knowledge and skill level through a range of cooking techniques, a variety of food issues, meal planning, and preparation and presentation of food. Product development is also included in the course.

### How I will learn?

Students will have regular practical lessons designed to help them develop health enhancing attitudes to food and nutrition.

Related units of theory from the following topics will be taught:

- Food safety and hygiene
- Food choices
- Beef and lamb product development
- Cheese and Yoghurt
- Ice Cream Making
- Bread and Burger Making

### Other detail

Year 10 Food Technology is an advantage for 11 Food and Nutrition and 11 Hospitality, but not a requirement.

## **FRENCH**

## **10FRE1 & 10FRE2**

French is a full year course.

### **Pre-requisite**

Students must have completed the Year 9 French Extension course.

### **What I will learn?**

The culture and customs of modern France and French speaking countries. Conversation will be based on everyday life and teenage interests and will be of practical value to students.

### **How I will learn?**

- The course is based on the National French Curriculum and we will use the textbooks Tapis Volant 1 and Ça Alors 2.
- Role play, speaking exercises and hands on activities will be part of the course, e.g. to understand a recipe and prepare a dish.
- Students will have the opportunity to engage in cross-curricular activities with the Japanese class.
- Students will also be encouraged to use French educational web sites and programmes to develop their digital skills.

### **Subject Progression**

This course is a prerequisite for 11 French.

## **HORTICULTURE**

**10HRT**

The study of Horticulture allows students to develop an appreciation of how food is produced as well as giving an insight into the basic skills and knowledge required in the horticulture industry.

### What I will learn?

- How to grow plants from seeds and cuttings
- Plant structure and functions
- Landscape design
- How plants are used
- Garden planning
- Identifying common pests and diseases

### How I will learn?

Skills will be obtained through classroom lessons, planning and managing a garden, practical investigations, demonstrations and individual project work.

### Other details:

Students can take home many of the plants or produce they grow.

### Subject Progression

Students must pass the end of topic assessment in Year 10 to be able to qualify for Year 11 Horticulture, or at the TIC discretion.

## JAPANESE

## 10JPN1 & 10JPN2

Japanese is a full year course

### Pre-requisite

Students must have completed the Year 9 Japanese extension course.

### What I will learn?

Students will continue to use the Hiragana script and will learn the Katakana script and some kanji as well. Units will be based on everyday communication situations designed to be as realistic as possible. The course includes interesting cultural modules such as a study on anime, and a look at Japan's role in World War II. Some students will also have the opportunity to represent FAHS at either the annual Japanese Trivia Evening, or the Massey Matsuri (Japanese Festival). Assessments during the year are designed to prepare students for NCEA style assessment in speaking, writing, reading and listening.

### How I will learn?

- Students will be introduced to more advanced technology – language learning on the computer using Japanese software, programmes such as Education Perfect and Kahoot, and possibly the opportunity to speak to students in Japan via the internet in the Japanese language.
- In addition to digital learning, students will use teacher-produced resources from a wide variety of sources.

### Subject Progression

This course is a prerequisite for 11 Japanese.

### What I will learn?

This course will focus on:

- Media Literacy
- What is Social Media?
- Marketing and Advertising
- Media Genres
- Media Production (Film Trailers; YouTube Channels; Podcasting; Blogging, etc.)

Students will cover all three strands of the Media Studies curriculum: Media in Society; Reading Media Texts and Media Production. They will learn the 5 key concepts of Media and the literacy skills needed to critically question the media they are exposed to in society. Students will watch different media genres to understand the codes and conventions of genre, before creating their own scripts, filming and editing a film trailer.

Students will also investigate how representation is used in marketing and advertisement to persuade audiences, before examining how Social Media has extended the reach of advertisers.

### How I will learn?

Students will learn through viewing, reading and responding to media texts, before constructing their own media. Students are strongly encouraged to use a laptop in this course to access, view and interact with media software and content in the course.

### Subject Progression

Year 10 Media Studies is an advantage for 11 Media Studies, but not a requirement.

## **MUSIC**

## **10MUS1 or 10MUS1 & 10MUS2**

Music can be chosen as a half year 10MUS1 or a full year 10MUS1 & 10MUS2

### **Entry requirements**

- Students will continue to play an instrument introduced in Year 9 Music or choose a non-concert band instrument such as guitar, piano, vocals, or drums.
- Students are required to attend instrumental lessons through the school Itinerant music program or privately.
- Students must be involved in at least one of the school-based performance groups. There is beginner to advanced groups suited for all types of instruments and genre preference.
- Practical music and group work are a large component of the course so excellent attendance is necessary.

### **What I will learn?**

- Performance – This will include performing as a class band, in small groups and as a soloist
- Music Technology – Working with music software programs
- Music Works – Studying artists and film music
- Keyboard – Developing keyboard skills
- Music Theory – Working toward completing Grade 1
- Ngā taonga pūoro - Workshops on traditional Māori musical instruments

### **Subject Progression**

This course is a prerequisite for 11 Music and 11 Music Industry

## **SPORT PERFORMANCE      10SPBB/10SPFB/10SPHY/10SPNB/10SPRY**

### PLEASE NOTE:

There are limited spaces available in these classes. Selection will be based on participation in 9 Physical Education and Health, and performance in your sporting code for school.

The Head of Sport must approve entry.

Performance Sports offered:

- Basketball                      (10SPBB)
- Football                            (10SPFB)
- Hockey                             (10SPHY)
- Netball                            (10SPNB)
- Rugby                              (10SPRY)

A student may choose two Sport Performance options. If successful, they will be withdrawn from Physical Education and Health.

### What will I learn?

Sport specific skills, fitness and nutrition

How to develop and carry out a personal performance plan

Psychology of high-performance sport

### How will I learn?

A mixture of practical and theoretical lessons involving specialist teachers and external experts.

## TE REO MĀORI

## 10MAO1 & 10MAO2

Te Reo Māori is a full year course

### Pre-requisite

Students have had to completed least two terms of Te Reo Māori at Year 9.

### What will I learn?

Year 10 students will extend the skills and attitudes established by our Year 9 Te Reo Māori course. During this year students must acquire and develop the skills necessary to succeed at Year 11 level: speaking, reading, writing, translation, comprehension and pronunciation. Students will also develop an understanding of, sensitivity towards and respect for tikanga Māori.

### How will I learn?

By speaking, listening, reading and writing and through practical work such as art and craft.

### Other detail

- A marae visit may take place during the year and possibly other trips as they arise.
- We encourage all students to join the school's Kapa Haka group and they are expected to support events the Māori Department is involved in, such as Ngā Whakataetae Manu Kōrero, Pae Rangatahi and Pōwhiri.

### Subject Progression

This course is a prerequisite for 11 Te Reo Māori.



## TECHNOLOGY HARD MATERIALS

**10THM**

This course will develop student understanding of technological practice within the context of materials technology with a focus on hard materials such as, but not limited to, wood, metal and plastic.

### What will I learn?

Students will develop their technological practice and knowledge. This will be done by problem solving, applying a design process and using practical skills to produce a quality outcome.

### How will I learn?

Students will learn from a combination of the following: sketching, computer aided design (CAD), modelling (prototypes), use of basic tools, machines and specialised equipment, including the 3D printer and laser cutter.

### Subject Progression

Students wanting to take Year 11 Building and/or Year 11 Engineering they **must** have taken Year 10 Hard Materials. Selection is also dependent on students being able to demonstrate both the necessary technical skills and a thorough understanding of health and safety in the workshop.

## **TECHNOLOGY TEXTILES**

**10TTE**

Students design and construct a range of items including pyjama pants, top and a sweatshirt.

### What I will learn?

Students will be introduced to a range of different construction techniques and will gain knowledge of practical pattern making and construction. They will learn to follow the design process in order to create suitable solutions.

### How I will learn?

Creating samples and testing fabrics will enable students to test and hone their practical skills before using them to create their final products.

Students will then follow the design process to design and construct a garment using a range of fabrics, materials and techniques.

### Other details

Students will be required to provide fabric and other necessary materials for their articles / garments.

### Subject Progression

Year 10 Technology Textiles is an advantage for 11 Technology Textiles, but not a requirement.