



**KAIKORAI VALLEY COLLEGE**

**SUBJECT & COURSE  
INFORMATION**

**YEAR 10**

**2023**



**Opportunity and Success for All**

## **OVERVIEW OF YEAR 10 COURSE SELECTION**

- In 2023 Kaikorai Valley College is offering an exciting new Year 10 curriculum to engage students in their learning and allow them a higher level of choice to follow their individual passions and talents.
- **All students will take English** (4 periods a week), **Mathematics** (4 periods a week) and **Health Education** (1 period a week) for the full year.
- **All students will then choose 8 semester (half year) courses**, of their interest, from the remaining Learning Areas (Arts, Languages, Physical Education, Science, Social Science, Technology). There are 38 different courses to choose from.
- Students will complete 4 of their semester courses in the first half of the year and their other 4 semester courses in the second half of the year. Each semester course will be 4 periods a week.
- All students **have to choose at least 1 course from the Physical Education, Science and Social Science Learning Areas.**
- Students can choose a **maximum of 3 courses from any one Learning Area.**
- Students will be asked to choose 3 extra semester courses that they're interested in, in case they can't be timetabled into all of their first 8 choices.
- Note, some courses have a take home component cost associated with them. This is noted in the course outline.
- Courses will only run if there are sufficient numbers of students.

## **GENERAL GUIDANCE ON COURSE SELECTION**

- We recommend students study a broad range of courses from a range of Learning Areas.
- Start by reading through the Course Information Booklet to familiarise yourself with the courses being offered.
- Ask yourself the following questions:  
What subject areas do I enjoy?  
What subject areas do I achieve well in?  
What do I find interesting?  
What skills am I interested in developing?  
How will I keep my options open?
- Talk to the contact person for the course - named in this booklet.
- Complete the traffic light activity to identify courses you are definitely interested in, might be interested in and definitely aren't interested in.
- On the planning sheet **identify one Physical Education course, one Science course and one Social Science course to take.**
- On the planning sheet **identify another five courses you want to take**, checking that overall, you haven't identified more than three courses from any one Learning Area.
- If you plan to study Te Reo Māori or Japanese at NCEA Level 1 it is recommended you take at least one semester course in Year 10.
- On the planning sheet list an extra 3 courses you're interested in, in case you can't be timetabled into one or more of your first 8 choices.
- You could discuss your proposed selection with:  
Your parents/caregivers  
Your whānau teacher  
Mrs Beagley (Careers Advisor)  
Ms Boulton or Mr Waterworth

**Your course selection form is due in by Friday 30 July (Week 1 of Term 3)**

- 1. Complete the Year 10 Course Selection Planning Sheet**
- 2. Enter your final choices into the google form that has been emailed**

## Traffic Light Activity

Read through the course outlines. As you read through them, list any courses you would **love to do** under green light. List courses you know are **definitely not for you**, under red light. List courses you **aren't sure about** under orange light.

Once this is done you can focus on the courses you've listed under green light, and then orange light if you need more.

Green light	Orange light	Red light

## KAIKORAI VALLEY COLLEGE YEAR 10 COURSE SELECTION (2023) PLANNING SHEET

**NAME:**

**WHANAU GROUP:**

**Instructions:**

1. Circle one course from each of Physical Education, Science and Social Science.
2. Circle another five courses, making sure you haven't circled more than three from any one Learning Area.
3. List a further three courses you're interested in, in case you can't be timetabled into any of your eight first choices.
4. Get a parent or caregiver's signature in the space at the bottom of this form.

<b>The Arts:</b> <i>No more than three courses from this Learning Area.</i>	<b>Learning Languages:</b> <i>No more than three courses from this Learning Area.</i>	<b>Physical Education:</b> <i>You have to select <u>at least one course</u> from this Learning Area, no more than three.</i>	<b>Science:</b> <i>You have to select <u>at least one course</u> from this Learning Area, no more than three.</i>	<b>Social Science:</b> <i>You have to select <u>at least one course</u> from this Learning Area, no more than three.</i>	<b>Technology:</b> <i>No more than three courses from this Learning Area.</i>
Ko te Wa me te Wahi, Time and Place	Japanese Language and Culture	Born to Move	Age of Super Heroes	Kia mau ki tōu ūkaipō - Don't Forget Your Roots	Become a Product Designer
The Play's the Thing	Japanese Life and Scripts	Moving, Moving, Moving	Faster, Stronger, Better Sports	Know Thyself	Game Design
Film, Gaming and Electronic Music	Ngā Tikanga me Te Ao Māori	Sports Education	Layers of Life at the Wipeout Zone	Hitler, the Holocaust and the Birth of Human Rights	It's All About Creating
The Next Big Star!	Te Tupuranga o Te Reo Māori	Train to Gain	Mars Colony 100	Money Talks	Food by Design
Cultural Creations			Sparky Electrical	The Amazing Race	Plates Around the World
Selfie Culture: Photography and Design			Stuff Your Face!	Truth in Film	Become a Creative Construction Expert
			To Infinity and Beyond	When Nature Fights Back	Engineering a Mega Racer
					Become a Woodologist

**List (write) a further three courses you're interested in, in case you can't be timetabled into any of your eight first choices.**

1.

2.

3.

**SIGNED (PARENT / CAREGIVER):**

## **Index:**

### **Learning Area: The Arts \*To be reduced to 7**

1. Ko te Wa me te Wahi, Time and Place (Drama)
2. The Play's the Thing (Drama)
3. Film, Gaming and Electronic Music (Music)
4. The Next Big Star! (Music)
5. Cultural Creations (Art)
6. Selfie Culture: Photography and Design (Art)

### **Learning Area: Learning Languages**

1. Japanese Language and Culture
2. Japanese Life and Scripts
3. Ngā Tikanga me Te Ao Māori
4. Te Tupuranga o Te Reo Māori

### **Learning Area: Physical Education**

1. Born to Move
2. Moving, Moving, Moving
3. Sports Education
4. Train to Gain

### **Learning Area: Science**

1. Age of Super Heroes
2. Faster, Stronger, Better Sports
3. Layers of Life at the Wipeout Zone
4. Mars Colony 100
5. Sparky Electrical
6. Stuff Your Face!
7. To Infinity and Beyond

### **Learning Area: Social Science**

1. Kia mau ki tōu ūkaipō - Don't Forget Your Roots
2. Know Thyself
3. Hitler, the Holocaust and the Birth of Human Rights
4. Money Talks
5. The Amazing Race
6. Truth in Film
7. When Nature Fights Back

### **Learning Area: Technology**

1. Become a Product Designer (Design Technology)
2. Game Design (Digital Technology)
3. It's All About Creating (Digital Technology)
4. Food by Design (Food Technology)
5. Plates Around the World (Food Technology)
6. Become a Creative Construction Expert (Soft Materials Technology)
7. Engineering a Mega Racer (Hard Materials Technology)
8. Become a Woodologist (Hard Materials Technology)

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# Learning Area: The Arts

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## **Create the Space – Hangaia te wāhi**

Want to do it your way? We will explore themes, characters, relationships, time and space to create a devised drama and perform to an audience. You will also get to choose your own props and costumes.

We will work as a class group to rehearse and perform a modern scripted play and present to an audience in the Drama room.

You will develop key skills of co-operating in a group context, reading and interpreting scripts, learning lines and taking direction. You will develop drama techniques of voice, body, movement and space.

If you like to work in a team, share creative ideas and get involved in the fun – this course is for you.

See Debbie Wilson or Sofie Welvaert for more information.

## **The Play's the Thing**

Come an adventure through Shakespeare, Melodrama or Greek theatre.

We will explore and perform an extract or short play of a chosen theatre form.

You will work in small groups to rehearse and perform extracts from a Shakespeare play. You will also perform extracts or a short play from another theatre form.

We will visit Toitū and will create devised dramas to perform to an audience.

Key skills developed in this course will be co-operation in a group context, developing ideas to create a story and using drama techniques of voice, body, movement and space. Skills in research and interpretation of different theatre genres will also be developed.

If you want to know more about the story of theatre and the different styles and forms it can take – this course is for you.

See Debbie Wilson or Sofie Welvaert for more information.

## **Music Production, Film, Gaming and Electronic Music**

Consider yourself an outstanding gamer? Love watching movies or listening to all sorts of Electronic music. This may be the course for you. This course combines developing your skills as a composer. Throughout the course, students will prepare and compose a selection of computer based compositions for Film Music, Game Music and Electronic Music. Students will have the opportunities to learn about digital Music technologies and what it takes to make it in the industry. During this course, students

will learn how to use garage band, logic and cloud based DAW systems. Students will make their own beats using drum machines and design sounds using loops or original ideas. Students will also learn how microphones work and how to set up for a live band. There will be opportunities to learn outside the classroom.

For more information see Mr Rion Corlet.

### **Music Creative Practice, The Next Big Star!**

This course combines developing an understanding of the performing as a developing musician or in a band.

Students will learn about what it takes to be the next 'big star'. Students participate in a variety of workshops to help develop their instrumental or vocal skills, songwriting skills, whilst having the opportunity to have in school and out of school workshops with real life professional musicians. Throughout the course students will prepare, rehearse and perform pieces of music. They will then have the opportunity to record their music and create an album.

You will learn how to perform and write music through practical performance. The variety of skills and knowledge acquired encourage self motivation and confidence, lateral thinking and an ability to work individually and in a group and are therefore useful for any career.

This course will be perfect for students who prefer a more relaxed environment where they can work at their own pace and develop their interest and creativity in Music.

For more information see Mr Rion Corlet.

### **Cultural Creations**

Do you like Anime? Do you like tattoos? Do you like spray painting?

One or all of these subjects can be explored in this course. You will reference drawing and painting techniques and study the art making conventions of Comic and Urban Art.

We will investigate cultural practises from Japan and the Pacific and learn about the history of Anime and the meaning of traditional Polynesian tattoo designs.

The course will culminate in the production of cartoon books and graffiti Artwork.

See Ms McKenzie for more information.

### **Selfie Culture: Photography and Design**

Are you an Insta addict? Do you love taking photos, using filters, digitally manipulating your images to tell stories?



This course will take you to the dark side of your imagination, using the darkroom to process your own black and white photographs that represent your personality. You will explore digital photography making and creating Art about who YOU are.

Your artworks may reference themes such as sport, music/cd or album design, transportation, fashion, sci-fi/fantasy or the natural world.

You will reference Surrealism, drawing, painting and digital manipulation techniques. The course will culminate in an exhibition of your work.

See Ms McKenzie for more information.

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# Learning Area: Learning Languages

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## Japanese Language and Culture

こんにちは (Konnichi wa)

Japanese language and culture will continue to build on the knowledge and skills students learnt in year 9 Japanese. Through a series of themes students will explore relevant language and the fascinating culture that has developed over the centuries in Japan.

The main focus of the semester will be language development and increasing cultural knowledge and awareness. A minor component of the semester will also focus on learning Hiragana. There will also be a research assignment to be carried out by the student on a topic of interest relevant to Japan and its culture.

### *Themes:*

- Numbers Times and Dates
- Shopping in Japan
- Dining out
- Tourist attractions
- Research Project

Japanese Language and Culture leads onto the Japanese Expressions and Script course.

See Sensei Stewart with any questions about this course.

## Japanese Life and Scripts

こんにちは (Konnichi wa)

This course will further develop the skills in the language from Japanese Language and Culture.

Students will be exposed to more everyday themes and topics that will extend their Listening, Speaking, Writing and Reading skills. More focus is put on learning the written scripts (Hiragana, Katakana and some Kanji). Their written skills will start to include the easier Kanji from NCEA Level 1. They will also begin to learn the vocabulary they might come across in NCEA Level 1.

The students will work through a series of topics that focus on everyday Japanese expressions. These will include such things as expressing how they feel (I'm sick, tired or hungry), describing others, asking for directions and talking about the weather, to name a few. The focus is a balance between preparing them for when they might visit Japan and starting to cover topics that are found at NCEA Level 1. Of course, they will continue to learn about the interesting culture that Japan has to offer.

*Themes:*

- Weather
- Japanese homestay
- School in Japan
- Health
- Katakana
- Kanji

Having completed Level 4 of the curriculum by the end of the year, the students are then ready for NCEA level 1.

See Sensei Stewart with any questions about this course.

### **Ngā Tikanga me Te Ao Māori**

This course is for students interested in Māori language, culture and history.

Learning will occur through interactive activities, with a focus on gaining familiarity and confidence with key phrases for simple communication. Visits to local marae, learning haka, waiata, pūrakau and karakia, as well as attending Māori language and culture events will be a feature of the programme. Students will also study traditional Māori sports and cooking methods.

*Students will learn to talk about the following areas:*

- the marae: routines and procedures
- modes of transport
- sport and leisure gatherings
- planning leisure-time events

Key skills to be assessed are: whakarongo (listening), kōrero (speaking), tuhi (writing), pānui (reading), mātakitaki (viewing) and whakaatu (presenting).

See Whaea Mbizvo for more information.

### **Te Tupuranga o Te Reo Māori**

This course is for students interested in Māori language, with a view to developing their skills gained in Ngā Tikanga me Te Ao Māori or at a previous school, and with hopes to continue learning in Level 1 NCEA Te Reo Māori.

Learning will occur through building knowledge of key vocabulary and how to use basic grammar structures to understand and produce spoken and written language, including by producing a short film and hosting a zoom call with Te Reo Māori students in another school. Students will also organise a visit to a local marae, as well as planning and hosting a hangi at school.

Students will learn to talk about the following areas:

- planning and shopping for a hui
- roles and duties at home, in the community, and at school
- planning a visit away from home
- telling the time

Key skills to be assessed are: whakarongo (listening), kōrero (speaking), tuhi (writing), pānui (reading), mātakitaki (viewing) and whakaatu (presenting).

See Whaea Mbizvo for more information.

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## **Learning Area: Physical Education**

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### **Born to Move**

This course looks at basic anatomy (joints, muscles, energy systems and movements), and motor skills learning (how we learn/improve movement skills). Students will be involved in practical lessons in the Gym and theory lessons based in the classroom. This course will suit students who are interested in learning how the body works during physical activity and how body systems respond to exercise and will enable them to apply this knowledge to their chosen sport.

Pathway to Year 11-13 Physical Education.

See Mr Scott, Mr Manson or Mrs Cuthbert with any questions.

### **Moving, Moving, Moving**

This is a practical based course requiring full participation in a variety of Physical activities including Athletics, Ball Skills, Te Reo Kori, and Gymnastics. Students will develop basic movement skills that will enable them to perform to their potential in their chosen sport or activity.

Key skills in this course will be a positive attitude towards physical activity, participating in regular physical activity, and how to maintain and enhance well being for self and others.

Pathway to Year 11-13 Physical Education.

See Mr Manson, Mr Scott or Mrs Cuthbert with any questions

### **Sports Education**

Students will examine and participate in a number of Sports Events where they will perform different roles such as being a player, a referee, an administrator and a coach. This course is mainly based in the Gym with some theory lessons.

We will look at reasons why (or why not) people chose to be physically active as part of developing their physical dimension of Hauora in their daily lives. We will also look at promoting physical activity for others by running an event.

This course will suit students who are interested in developing their leadership skills.

Pathway to Year 11-13 Physical Education, Coaching, Administration and Leadership.

See Mr Manson, Mr Scott or Mrs Cuthbert with any questions

## **Train to Gain**

Students will investigate components of fitness, principles of training, methods of training and sports psychology.

Students will be involved in three practical training sessions and one theory lesson per week. Students will complete a training program leading towards a summary event. This course would suit students looking to fully develop their sporting potential.

Pathway to Year 11-13 Physical Education.

See Mrs Cuthbert, Mr Manson or Mr Scott with any questions

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## **Learning Area: Science**

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### **Age of Super Heroes**

Where are they coming from, and how are they created? Learn about the basic science behind superheroes, and then create one of your own. In this topic, you will learn about the basics of genetics, mutations and other ways to enhance or alter the human body. This will include looking into performance drugs, robots, prosthetics and AI connectivity.

We will look into real life examples and discuss societal issues around some scientific applications of genetic manipulation. Then you will apply the design thinking process to create your own superhero.

This course is for students who want to understand how the blue-prints for life can be altered to enhance human performance and new forms of intelligent beings.

Questions? See Dr McMillan.

### **Faster, Stronger, Better Sports**

Explore how science and engineering improve sport performance and increase the chances of winning. Better tennis rackets, sleeker running, swimming outfits, aerodynamic rugby balls are some of the technologies that shape the competition in sports. Add to that better nutrition and science-based training regimes and you have an era of amazing athletes.

Could this be you? Do you have what it takes? Welcome athletes and coaches of the future!

Questions? See Dr McMillan.

### **Layers of Life at the Wipeout Zone**

The Earth is 4.6 billion years old – apparently! How is that figured out? What happens if an asteroid hits Earth and how are space agencies tracking them anyway? Did chicken-licken speak the truth – “that the sky can fall”?!

In this course we explore how old is old and which rock layers and patterns, fossils and chemistry to help you figure it out. Go on our field trips, bring your lunch and visit the University of Otago to use their laboratories for help in our investigations. Look for clues to unravel the past with the tools of the present. Explore tiny magnets in rocks and animals, and the earliest human beings on our planet – the people who lived millions of years ago before us. What were they like?

If you take this course, you'll become a super sleuth who discovers the wonders and mysteries of our planet.

Questions? See Dr McMillan.

## **Mars Colony 100**

Who will be the first humans to live on Mars? How will we get there? How will we live there? Where do we get a ticket to go? Travelling to another world and developing a sustainable living environment is a challenge that stretches both the imagination and the limits of current technology.

Here we explore space travel, energy generation, habitats and the requirements to sustain life in a hostile environment. Plan it. Model it. Build it – that's your challenge!

This course is for students who have an interest in space and looking ahead to the future of humankind.

Questions? See Dr McMillan.

## **Sparky Electrical**

Sparkies are electricians. What do they have to know to wire your house? For that matter, how do traffic lights work to get people across cities? Are tasers a good thing to use on a person – really? When the tv remote doesn't work, is it just the batteries or is something more at play. Learn too, how electricity works in your body to make you a switched on dude!

Here we investigate what electricity actually is and how it is transformed to other forms of energy. We also look at the different component parts that go into making up laptops, remote controls and your phone and you end up making up a small electronic device!

This course is for students interested in the different uses of electricity, how stuff works and things that get zapped.

Questions? See Dr McMillan

## **Stuff Your Face!**

Here it comes, food - from the garden to your guts. Where was chocolate first discovered and what did it taste like? Who first decided to watch milk turn sour then eat it on crackers? What was the favourite food of Ōtepoti locals through history? What Science do you have to know to be a good cook?

This course explores food from the garden to the restaurant kitchen (or the one in your home!) all the way to the science lab, and back again. Students will learn skills to produce their own food from beginning to end.

This course will suit students who love food, or Science, or both!

Questions? See Dr McMillan.



## **To Infinity and Beyond**

Is there intelligent life out there? Could we soon travel to another solar system to find out? Is space travel to the furthest reaches of the universe even possible? In this course we will look at these ideas and explore what we might find if we ever got out there.

We will explore an understanding of space distances, the life cycle and make up of stars, planet hopping, exotic matter and the structure of Galaxies and the wider universe.

This course is for students who have an interest in the final frontier!

Questions? See Dr McMillan.

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## Learning Area: Social Science

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### **Kia mau ki tōu ūkaipō - Don't Forget Your Roots**

We all came from somewhere. Do you know your Whānau's history? Who they were and why they came? Are you descended from ancient voyagers? Early settlers? Gold miners? Migrant workers? Refugees? In this course we will be learning about our families, our society and all the things that make us who we are. We will be researching and exploring our local stories and learning how they influence and shape our lives today.

Key skills that will be taught will be the research process, interpreting sources and understanding different peoples' perspectives.

This course is for students who are interested in history and understanding cultures.

See Whaea Mbizvo with any questions about this course.

### **Know Thyself (γνώθι σεαυτόν, Gnōthi seautón)**

In order to understand ourselves, especially our place in a bicultural society, it helps to know something about the societies that have laid the foundations for the world in which we live. This course looks at how the people, places, and events of the classical world parallel and influence other societies, especially modern New Zealand.

Key skills that will be taught and developed in this course will include resource interpretation of art works and texts, paragraph and essay writing, and understanding perspectives.

Students who like reading about and studying myths and legends, especially those who can relate to relevant aspects from their own culture, will enjoy comparing and contrasting ancient societies' beliefs and behaviours with our own.

See Ms Long with any questions about this course.

### **Hilter, the Holocaust and the Birth of Human Rights**

The Holocaust represents one of the darkest periods of world history. This course examines the rise to power of Adolf Hitler and the concept of fascism. We will look at the consequences of Hitler's beliefs on the world, including a wider look at WWII and the subsequent formation of the United Nations.

Key skills that will be taught and developed in this course will include resource interpretation of documentaries and texts, paragraph writing, essay writing and understanding perspectives.

Students who like reading about and studying actual footage of the past will enjoy looking at this turning point in world history.

See Mrs Colquhoun with any questions about this course.

## **Money Talks**

Money matters to us all. This means we need to take a close look at income and spending, taxation, financial decision making, budgeting, insurance, investing and sharing resources. The aim of this course is to give you skills in money management and financial literacy for your future.

Students will research and analyse the concepts of marketing and will develop a product for sale to a targeted market. Students will gain an understanding of how businesses develop desirable products through market research and innovation.

Students will work in groups to plan a business, produce a new or innovative product as part of a Young Enterprise Start Up Programme.

This course is for students interested in Business Studies.

See Mrs Colquhoun with any questions about this course.

## **The Amazing Race**

From the Amazon Rainforest, to the bustling streets of New York, the diverse countries of South East Asia, the fascinating cultures of the Middle East, the deserts of Africa and the history of Europe; this course will take you on your own Amazing Race around the world!

Come on The Amazing Race and learn about significant natural and cultural features along the way. You will develop an in-depth understanding of natural and cultural landscapes, populations, and cultures of the world. Along the way we will develop skills and knowledge in the use of Google Earth.

Key skills that will be taught and developed in this course will be interpreting resources, mapping and graphing skills and paragraph writing.

This course is for students with an interest in the landscapes, countries and people of the world.

See Mrs Mulder with any questions about this course.

## **Truth in Film**

The films we watch have a huge impact on the way we view the world - but are they realistic depictions? The films we watch in this class will be based on true events. We will watch films and decide how accurately they convey concepts such as racism, change and prejudice. We will watch films such as Titanic, and Remember the Titans.

Key skills that will be taught and developed in this course will be interpreting resources, critical thinking and evaluation skills.

This course is designed for students who have an interest in film, history and world events.

See Ms Boulton with any questions about this course.

## **When Nature Fights Back**

Will an earthquake strike Dunedin? When could it happen? Are we prepared?

In this course we will learn about how and why earthquakes, tsunamis, volcanoes and other natural disasters cause so much destruction. We will learn about the natural processes that, over millions of years, have formed, shaped and changed our amazing world. We will examine the natural processes that cause natural disasters. You will have the opportunity to examine case studies of some of the famous natural disasters in history. As well as all that, we will learn how to read and create maps that can predict what will happen when nature fights back and save lives.

Key skills in this course will include resource interpretation, paragraph writing and mapping skills.

Students with an interest in Physical Geography and natural disasters are suited to this course.

See Mr Waterworth with any questions about this course.

## **Contested Identities: Changing views on conflict.**

In this course we will learn how Aotearoa New Zealand's participation in international conflicts over time reflects our changing view of our country's place in the world and our identity. We will look at New Zealand's participation in international conflicts like the First and Second World Wars, Vietnam War and Korean War.

Key skills that will be taught and developed in this course will include resource interpretation of documentaries and texts, paragraph writing, essay writing and understanding perspectives.

Students who like reading about and studying actual footage of the past will enjoy looking at these turning points in world history.

See Mrs Colquhoun with any questions about this course.

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# Learning Area: Technology

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## **Become a Product Designer**

Throughout this course you will learn to produce high quality freehand sketches, accurate formal drawings and also a range of colour rendering techniques.

These skills will help you become a Product Designer and you will complete the course by designing a project on the computers and producing it through the use of the Laser Cutter and / or 3D Printer.

Designing is the imagining and thinking about possibilities in relation to a problem or a situation. Designers use design thinking to produce solutions. They apply imagination and creativity and explore different options, looking for simplicity. They use visual communication techniques to present their solution.

This course would suit students with creativity and an eye for detail. Those wanting to learn design and presentation skills which can be used in many other subjects will find this course challenging and enjoyable.

This course will have a stationary (graphics pack) cost of about \$45 (exact amount to be confirmed).

Enquiries to Mr Dodds

## **Game Design**

Enjoy playing computer games? Want to learn how to create your own? Have a go with Game Design. In this course you will develop your understanding of the basics of game coding, learn how to construct an immersive world for your game and develop a better awareness of the benefits and pitfalls of online gaming.

Key skills that will be taught and developed in this course are computational thinking, problem solving, coding, creative world building and self management.

This course is for students who have an interest in gaming and game design and want to further develop their digital skills.

See Ms Sutton or Mr Cook with any questions.

## **It's All About Creating**

Use Digital Technology to turn imagery into artistry with powerful editing tools such as: Adobe Photoshop, Illustrator, and Character Animator. Skills developed will include; removing and adding objects, retouching, recolouring, creating magical effects and bringing images to life.

Go wherever your imagination takes you with photo editing and make images pop. This course suits students who are interested in manipulating images for app design, websites, movies, digital media, and many other IT areas.

Pathway to Year 11 Digital Technology subjects.

See Ms Sutton or Mr Cook for more information.

## **Food By Design**

This course is project based and gives students the opportunity to explore multi-sensory food design. Students will start to develop lifelong skills and enthusiasm for cooking, recipe design, and presentation of food. This will lead to them designing and developing Ice Cream.

This subject provides useful background knowledge and skills for students who wish to study Food Technology and Hospitality in the Senior school, and work with food in their future careers.

*The topics to be covered include:*

- Safe food preparation
- Multi-sensory food design
- Using and writing recipes as tools for cooking
- Preparing basic foods
- Planning for shopping and costings
- Importance of time management in food preparation
- Food presentation and photography
- Designing and developing an Ice Cream dessert

This course will have a take home component cost of about \$80 (exact amount to be confirmed).

See Mrs Wilson-Dale or Ms Hunter with any questions about this course.

## **Plates Around the World**

This course is inspired by popular international and New Zealand cuisine and will bring exciting flavours from all over the world and New Zealand into the classroom. Students will get the chance to prepare and sample recipes from many different cultures, leading to them identifying a 'Food Hero' from a culture of their choice, and designing a product which celebrates the features of this culture.

This subject provides useful background knowledge and skills for students who wish to study Food Technology and Hospitality in the Senior school, and work with food in their future careers.

*The topics to be covered include:*

- Safe food preparation
- New Zealand cuisine

- Characteristics of cuisine from other cultures
- Culinaricians who foster different cuisines
- Using and writing recipes as tools for cooking
- Preparing basic foods
- Traditional presentation and photography of dishes
- Influences on the development of different cuisines

This course will have a take home component cost of about \$80 (exact amount to be confirmed).

See Mrs Wilson-Dale or Ms Hunter with any questions about this course.

### **Become a Creative Construction Expert**

In this course students will be given a platform to push the limits of their imagination and creativity to develop innovative products using textiles as the main medium. Students will be presented with a brief and will have scope to work within the brief to develop their own feasible solutions to solve design problems. A main focus of this course is to learn and use different methods of Applied Design. Applied Design is when a decorative feature is superimposed on the fabric or textile item. Projects undertaken will be an 'Applied Design' cushion, and a wearable item of own choice eg Hoodie, PJ pants or shorts.

*Topics to be covered include:*

- Fashion drawing and annotation to convey design ideas
- Experimentation with various methods of applied design including dip dyeing, ice dyeing, applique, and embroidery.
- Pattern interpretation, modification, and cutting
- Seam types and their application to different end products
- Evaluation of outcomes, including 'in-situ' photography

This course will have a take home component cost of about \$60 (exact amount to be confirmed).

See Mrs Wilson-Dale with any questions about this course.

### **Engineering a Mega Racer**

This action packed course focuses on the development of your product design and practical skills. You will learn to competently and safely use a range of hand tools and machinery in the engineering workshop.

You will investigate a range of types of propulsion used in the motor industry as well as aerodynamic design used for aircraft and Formula 1 racing.

Using your design and practical skills, you will design and make a CO<sub>2</sub> powered race car using balsa wood. You will race your car against your friends' cars in the quest to become the KVC Formula 1 race champ.

This course is suitable for all students who have a desire to hand craft a special project. The race car designs can range from very simple to very complex, depending on your level of ability. The focus is on developing confidence and a sense of achievement in the workshop environment.

This course will have a take home component cost of about \$40 (exact amount to be confirmed).

Enquiries to Mr Dodds.

### **Become a Woodologist**

Working with wood is a centuries old activity which has given joy to all those who have had the opportunity to experience it.

In this course you will learn to competently and safely use a range of hand tools and machinery in the wood based workshop. You will practice and master different skills and then use these skills to design and make a Treasured Family Heirloom.

You will study different types of timber and their special uses and properties. Quality timber will be used for your project, including recycled Rimu from re developments at KVC. A well designed and constructed wooden item will last a lifetime and will be a source of pride for years to come.

This course is suitable for all students who wish to experience the joy of woodwork. The projects can range from simple to complex, depending on your wishes and abilities.

This course will have a take home component cost of about \$40 (exact amount to be confirmed).

Enquiries to Mr Viggo.

# **PRIDE**

**PARTICIPATION RESPECT INQUIRY DIVERSITY  
ENVIRONMENT**