Y9 & 10 COURSE BOOKLET

2023

Opihi College Vision

The best for all learners through passion, self-awareness and community

Every effort will be made to ensure students are able to study the subject they want to. However, students may not get their preferred option at the time they want it and we apologise for this.

How to select courses

- Read through the course booklet carefully.
- On the separate selection sheet, select which course you would like to take in each line.
- Students will take 6 courses each term for 4 periods per week.
- Be sure you are meeting the minimum requirements.
- If you are looking at taking a subject through to NCEA, we strongly recommend you take enough choices to prepare you. If you are choosing to take a language, we recommend that you choose at least 2 options during the year.
- We suggest putting an * next to some choices that you are really passionate about, or that lead into a direct career path for you. This will help us when we have to make course changes.

Minimum requirements over the year

- Maths – 4 choices
- English – 3 choices
- Social Studies – 3 choices
- Science – 3 choices
- Physical Education – 2 choices
- Health is compulsory and will be taught all year for 1 period a week, in separate year level classes.

When selecting subjects students need to:

1. Be clear about which subjects they enjoy the most.
2. Be clear about their ability in each subject. Check with their teachers if necessary.
3. Identify career possibilities in their vocational pathway.
4. Find out what subjects relate to jobs in their vocational pathway using www.careers.govt.nz
5. Consult with the Careers Advisor, Dean or Whanau teacher about any of the above if necessary.

Stationery

- All students need **pens, pencils, a ruler, colouring in pencils and a gluestick.**
- Under each subject in the course booklet you will find specific stationery requirements for each subject.
- Extra basic items of stationery will be available from the School Office during the year if needed.
- Take home component fees are also listed.

Where to get advice from

- Students should talk to their subject teachers about advancement in that subject to another level.
- Students may not know exactly what they want to do when they finish secondary school but some serious thought should have been given to possible career options.

Careers Advisor		Mr Stuart Wilcox
Head of Faculty	Mathematics	Mr Ruard Smith
	English	Miss Kate Manson
	Social Studies	Mr Simon Goodman
	PE/Health	Miss Amanda Haines
	Science/Agriculture	Mrs Shelly Robson
	Technology	Mr Eric Peters
	Music and Languages	Mr Eric Lindblom
Senior Leadership		Mr Tony Robson
		Ms Vicki Henderson
		Mrs Bernie Rose
		Mr Stuart Grace
Deans	Aoraki	Mr Ruard Smith
	Pacific	Mr Ferdinand Gerber
	Opihi	Ms Raquel Busson
	Rata	Mr Stuart Wilcox

Course Selection Confirmation

During Week 5 & 6 (15th – 24th November)

- Course Selection is completed by having a 3 way interview with the parent/caregiver, student and a member of the Senior Leadership team
- **Book a time slot through School Interviews – www.schoolinterviews.co.nz using the code vpjge**
- 15 minutes interviews, however we strongly recommend booking a double session for anyone that has not got a full plan sorted or is having difficulty
- Meet at the School Office
- If you do not get a time slot that suits you, please contact the office to make an alternative appointment.

MATHEMATICS

You will need to select a minimum of 4 Maths topics for the year, however you can always do more.

Equipment needed: 2 x 1E8 Exercise Books
Scientific Calculator

Term 1

How to become a millionaire in 30 days or less

What Maths is required for living? Learn about basic money management such as budgeting and saving. You will also learn about earning a wage and how your tax is calculated. With all these skills, you could become a millionaire if you handle your money correctly.

Lifestyles of the Rich and Famous!

How rich are the world's most wealthy people? What does that look like? Learn about how much money large business's make and how that compares to different groups. Manage your money the right way as you make your own fortune!

Saving for the Future

In this course we will investigate how savings can grow over time, the impact of compound and simple interest as well as investing in the stock market. What are the best options for your money?

Feed the World

How could you farm enough food to feed Temuka? How about New Zealand? Or even the world? We will be learning about how supply and demand works, as well as making efficient systems.

Term 2

Saving the world with Maths

This topic looks at the impact humanity has on earth and if we will have enough food, space and fuel to survive the foreseeable future. We will use statistical analysis to show that humanity as a whole is more wealthy and healthy than ever before.

Getting down to business

What makes a successful business? We'll be learning how to best market your business idea using statistics. You'll also learn how to track your business growth and predict the future. What business will you create? And how successful will it be?

Design the World

In this course we will look at how to digitise the real world. We will make buildings with graphs and equations. The use of computers will aid our designs which will be informed by graphing rules.

Society's Breaking Down!

What will the world look like in 50 years? How did we get to where we are now? We will explore trends throughout history and how we can use that to predict how the future will look.

Term 3

Build the World

Are you the next Bob the builder? Learn how to calculate the size of beams and areas of some of the strongest shapes in the world. You will also create patterns, as well as find angles and bearings that allow amazing buildings to be designed and built.

I'm driving to Mars

How long would it take you to do a round trip across the solar system? We'll be using Geometry to measure the largest and smallest parts of our Universe. Learn all about shapes and scale as we go on an intergalactic journey!

Easy as Pi!

Lettuce celebrate all the math that goes into each of our favourite foods! We will be learning about how we can measure, convert and create using measurement and geometry.

The Seven Wonders of the World

This course will study the wonders of the world (Pyramids, The Great Wall, Christ the Redeemer) and the Maths that was required to build these mega structures. You will unpack how technical trades were used to understand skills like angles, measurement, area and trigonometry.

Term 4

Take a Chance on Me

Have you wondered what the chances are of winning in a game? Or have you ever played a game where you know you will lose? Learn about probability related to games of chance and strategies to help you win.

That's Impossible!

How many different ways can you shuffle a deck? Learn how probability is used in our everyday life as we explore seemingly ordinary events, and find out how nearly impossible they truly are.

Hoops they did it again

What makes a good sports person? We will collect and analyse data to help determine what attributes are important in different sports.

Why you'll never win … (probably)

What are the odds of pigs flying? What is the chance of winning the lotto 50 times in a row? This course looks at key probability skills that are involved in calculating different outcomes.

ENGLISH

You will need to select a minimum of 3 English topics for the year, however you can always do more.

Equipment needed: Device if you have one
2 x 1B8 Exercise Books

Term 1

We don't need another hero!

Superheroes have been a part of our lives from when we were young. In fact, some of them are older than your parents. In this unit we are going to look at the history of superheroes. Where do they come from? What is their backstory? Maybe some of the characters you thought were heroes, are not actually heroes. Do we really need any more heroes in the world?

Are you game?

All games have a story that draws us in. Whether that story focuses on the setting, or maybe the characters involved. Some of the characters have been through traumatic events, some haven't. Using your imagination, you will create a game and take us on a journey to a world beyond our wildest dreams. Bring your new story to life and create your world using Minecraft.

Out of this world

Calling all lovers of Sci-fi! This unit will investigate this specialized and often underrated genre. We will look how ideas from a range of Sci-fi influences have become part of our everyday society. You will have the chance to create brave new worlds and go where no one has gone before when you write your own Sci-fi novella or TV script.

Term 2

Travel through time

Open your mystical map and get ready to travel through time with stories of daring and deceit, reward and punishment. You will meet gods, goddesses and demigods. As you discover legends from around the world, you will compare them to our local ones. Have these legends changed through time? Are you up for the challenge of creating your own new one?

Do as you are told!

We all hate being told what to do. But what about being told you are going to war and you have no choice? How would you overcome the challenge of fighting for your own rights and values? During this unit we will look at a story about two brothers from New Zealand who were forced to fight during World War I. Not everyone that went to war wanted to go, but they all had to do as they were told.

Catch me if you can

Bonnie and Clyde, Wyatt Earp, Billy the Kid - just to name a few of history's most famous outlaws. Find out what made them stand out, what made them outlaws and how they were caught! We will analyse a film and work out how the outlaw managed to get away with millions. Could you escape the law?

Term 3

Tell me all about it

Speaking in public can challenge us all but it didn't challenge these people. In this unit we will look at and learn from inspirational speakers of the past. Martin Luther King, Hitler and JFK were all renowned public speakers for better or worse. They drew in, engaged and influenced thousands of listeners – But how did they do it? In this unit we will investigate the messages that inspirational speakers and others have managed to get across.

Let's get graphic!

So not comics… graphic novels are a valid and ever growing genre of writing and art. Learn how to read graphic novels as they were intended, analyze the stories and find out how the art and layout impacts and supports the text. You will create your own graphic novel, including your character's back story and setting.

Sing me a song

Music has been a way of expressing ourselves for centuries. But what are some of the songs actually about? Explore the deep world of lyrics and how meaning is translated through words and also visually through music videos. Can you find the hidden messages behind some of our popular songs, or will you continue to sing songs of which you have no idea about the meaning?

Is it real?

There is lots of misinformation out there in the world. During this unit we are going to develop our critical thinking to help us determine fact from fiction. Can you spot what is real and what is fake? Or do you believe that just because it is on the internet it must be true?

Term 4

Once upon a time …

Yee oldie fairy tales are as "Grimm" as anything. Many of the fairy tales we are familiar with today have gone through a number of changes to become more kid-friendly. Prepare to be surprised as you read the often cruel and disturbing endings of the Brothers Grimms' original tales!

Ghostly Tales

Everyone loves a good horror story. We love to scare people and be scared. This topic will look at how to create a suspenseful horror story that engages your audience. Are you brave enough to take this choice? You will be assessed on your creative writing skills and how can identify different techniques from a text.

We will rock you!

Disasters happen to everyone, yet the definition of a disaster changes all the time. Some people view having no internet as a disaster, yet for others it is the loss of life, habitat or society. In this unit we will investigate some real natural disasters, write about what it is like to be in one and investigate how people dealt with them.

Oldies but goodies

Explore some of the great classics of the past. Look at how language and the use of words has changed over time. Compare and contrast the story telling and readability of classic authors, like Shakespeare and Dickens, with their modern counterparts. We will also look at how some classic stories are depicted in films. Do you prefer the olden days or the modern ways?

SOCIAL STUDIES

You will need to select a minimum of 3 Social Studies topics for the year, however you can always do more.

Equipment needed: Device if you have one

2 x 1B8 Exercise Books 1 x Clearfile 60 Pocket (Year 9's only)

Term 1

A Brave New World - Migration to New Zealand

What brought the first migrants to Aotearoa? What still brings people here? This unit will look at the migration of peoples from Polynesia, Europe and other countries of the World. You will study the master navigators of the Polynesians and why they first journeyed across the Pacific. This course will also focus on the continued migration of people from around the world. This unit will conclude with a journal of a migrant's journey to Aotearoa/New Zealand.

Aotearoa Road Trip

Where are your top 10 places to visit in Aotearoa? Tourism in New Zealand is a major economic driver for New Zealand's economy. This course investigates the natural and cultural wonders of New Zealand, from the landform features that provided the stunning scenery for many film sets to our cultural environment. Our country has places steeped in history such as Waitangi (where the Treaty was signed), Te Ana (rock art), Otago Gold Mining and historic Pa sites. This unit will conclude with the production of a travel guide of New Zealand or a Board Game.

Disasters - The World's biggest & baddest

The world has suffered many catastrophic events in recent history. This unit will look at some of those major events including those in Aotearoa/New Zealand, what's caused them, the effects of these disasters and how they could be mitigated in the future. We will look at both natural and manmade disasters that have happened. Where in the world did these events take place and could they happen again? This unit will conclude with a "Disaster Survival Kit' or designing a 'Disaster in a Tin Can' label.

Term 2

Every Life Matters - The fight for equality

We will look at equality and inclusion in our world today. In this course we will study the past inequalities that people have faced, the present inequalities and where our world is heading now. We will explore international and national causes and how people have fought for these. Then we will conclude with a short story about the 'Every Life Matters' campaign or a piece of writing from an activist's perspective.

The Good, the Bad & the Ugly - Who really rules the world?

Governments, politicians and people have the power to change the world. This course investigates major moments in history and the dramatic consequences of decisions that are made. It will study international, national and local politics learning about different types of government and leadership styles. This unit will conclude with a newspaper style article about a topical event or politician.

Antarctica - A Frozen World

Antarctica is a beautiful and unspoiled environment - a place of extremes. This unit will explore this amazing continent through the eyes of the first explorers right up until the present day. We will learn about the climate, ecosystems, landscapes and mineral wealth of this remote landscape and how we can protect this vital environment. This course links the Geography, History & Science of Antarctica. We will take a virtual tour of Scott Base using Minecraft EE, and visit the Antarctic Centre in Christchurch. This unit will conclude with a timeline of events and a poster about the significance of Antarctica.

Term 3

Our World - and how to save it

We live on a fragile planet. What consequences does the human race have on the environment? This is an issues-based course investigating the human impact on the landscapes, ecosystems and climate of our planet. Issues studied will include climate change, plastic ocean pollution, deforestation, and desertification. We will study issues that affect our local environment and look at the ways in which we can bring our planet back from the brink. This unit will conclude with creating your own board game or a poster about sustainability.

Megacities

There are 28 megacities in the world today. We will take a closer look at these megacities around the world and across the different continents. We will look at the reasons for their existence and why they have become so big. Using satellite images, google maps and news reports, we will study how the cities have grown and the issues this has caused. This unit will conclude with a presentation about your chosen megacity.

Our Pacific Neighbours

A historical and geographical look at our Pacific neighbours, and their migration and trade across the Pacific region. This topic will study the different and varied Pacific cultures and the impact they have on Aotearoa/New Zealand. This unit will conclude with the assessment of a piece of creative writing in the form of a diary or narrative essay.

Term 4

Green Green Green or Face the Black - Protect or Plunder

The landscape is full of resources that we need. But where do we draw the line? What are the benefits and real costs? Using case studies from Aotearoa and around the world you will weigh up the pros and cons of different uses of the landscape: fracking for oil, mining for metals, deforestation for agriculture and construction, building dams for hydro-electric power, and using the landscape for tourism. This is an issues-based course that researches and debates the different perspectives. This unit will conclude with a decision-making exercise where you evaluate the pros and cons of a land use decision and argue what you consider to be the most favourable option.

Fire, Ice and Water

Fire, ice and water investigates the geographical history of Aotearoa - the making and shaping of New Zealand. From the fiery volcanoes and shaking earthquakes to the erosional power of rivers and glaciers. We will journey to see places where these stunning features are found and explore the potential hazards that they can wreak. This course includes the opportunity to study glaciers and rivers at Mt Cook. This unit will conclude with a poster explaining the processes that shaped New Zealand.

Social Inquiry

Find out about something you have always wanted to know in any Social Studies area. This unit will focus on the interests you have of a real world issue. You will be taught how to research a topic and the processes involved in this. This unit will conclude with a marked booklet showing the research process you undertook and the conclusions you made about your topic. This skill will prove invaluable for all subjects in NCEA.

SCIENCE

You will need to select a minimum of 3 Science topics for the year, however you can always do more.

Equipment needed: Device if you have one
2 x 1B8 – these can be reused for new Science topics
1 x 40 page Clearfile (Year 9's only)

Term 1

Saving Batman

Bet you didn't know that we have our very own Batman right here in South Canterbury! In this unit you will learn about the diversity of plants and animals in our region, including native bats, and why conservation and sustainability are important for their survival.

Tāwhirimātea and Climate Change

Tornados in Levin? Flooding in Marlborough? Heat wave in Rangiora? In this course we learn about the difference between weather and climate and look at the changes in New Zealand's climate and what is impacting upon this, understanding how different weather events occur. We also look at how carbon emissions are driving climate change and what is needed to reduce our impact.

Science of Selfies

Next time you take a selfie, take a second to think about the technology and science that lets you do this. In this unit you will learn about the innovation of lenses through time, how our eyes perceive light, how we can manipulate photos and videos and digitally store this data.

Chemical Remedies

Can't sleep? Use lavender oil. Need to calm down? Chamomile is for you. In this unit we will learn about the chemistry of natural remedies and how they can be used to improve your wellbeing. We will be making products such as bath bombs, bath salts and lotions to be sold at the Opihi College fair at the end of the term.

Term 2

Pūtaiao Kai

Have you ever wondered what is in your food that makes it taste so good? What about why we need to follow use-by dates? In this unit you will learn about the science of taste, modern methods of food preservation, useful and harmful microbes in our food, chemistry of our food, what atoms and molecules make our food, energy in food and how this is transferred to us to use.

I've got the power

Nearly every minute of every day, we use "power". Cellphones, cars, lights and the internet all rely on it, plus most other things we need for modern day life. In this unit you will look at different concepts to do with power, energy and electricity, to see how we use them to make our lives easier.

Fake News

Would you ever take scientific advice from Donald Trump? What about people you don't know on Facebook? In this unit you will look at a range of different science topics and learn how to tell if scientific information in the media is accurate or not.

Off the Grid

Imagine you are stranded on a desert island, lost in a tropical rainforest or forced to live on the streets. How long could you survive? In this unit you will learn some scientific tips for survival in different climates, including the science of growing your own food and drinking your own urine. We will also learn about how to survive long term off the grid and how to be self-sustaining if there was no central electrical supply, no supermarkets or no flushing toilets.

Term 3

Blow it up

In this unit we look at the science of explosions! This includes learning about what materials are explosive, what fuels are combustible, what useful applications of explosives there are. We also learn about the physics of an explosion and the impact they have.

Space Explorers

Look at how space travel has developed from the first human in space, to the proposed new moon landing in 2024. See how astronauts are trained to survive during space travel and in space.

Crime Scene Investigation

Grab your magnifying glass and gloves - you're going to become a forensic scientist! In this unit you will learn how to use different techniques to investigate crimes and solve murders, such as fingerprinting, blood analysis and DNA sequencing.

Term 4

Amazing Engineering

Ever wondered what the pyramids are made of or how people kept their food fresh before refrigerators? This unit covers how materials are used to build different everyday items, such as pottery, glass and buildings. Test practically how strong these materials are and how we can change these materials to fit the job they need to do.

Build the Bot

In this unit we will discover technology, electronics and innovation. Learn about the ethics of robotics, good robots vs bad robots, and also have a go at building and creating a robot to fulfill a purpose.

Superhuman

The sequence of events which have led up to your existence today is quite unbelievable. In this unit you will learn about human evolution, genetics, neuroscience and psychology to show you how we became superhuman.

AGRICULTURE

Equipment needed: Device if you have one
1B8 Exercise Book – these can be reused for new topics

Term 1

Bully Beef

Dairy and beef are both important industries for the New Zealand economy. In this unit you will investigate these two different types of farming, including producing, processing and selling the different animal products we get from cattle.

Term 2

Cultivating Crops

Cropping is an integral part of farming in South Canterbury. In this unit, you will investigate the principles of growing pasture and arable crops. We will also explore the scarcity of water in our region, including its importance in growing high-yielding crops and how water sustainability is embedded in NZ farming practices.

Term 3

Stags and Hinds

Deer farming in New Zealand has an interesting history that many people are not aware of. In this unit, students will learn how it has evolved into its current place in New Zealand's agricultural sector, and what the future looks like for deer farming. This will include a field trip to look at the processing of deer/venison and current farming practices which help grow the productivity of this industry.

Term 4

Big Timber

We have some of the most exotic native forests in New Zealand. During this unit, we will explore where the Department of Conservation parks are and look at the Agri-forestry business and what New Zealand is doing with farm forestry and commercial forest. We will also look at carbon farming and the reasons why trees are so important for carbon emissions and the carbon trading scheme.

HEALTH &PHYSICAL EDUCATION

You will need to select a minimum of 2 Physical Education topics for the year, however you can always do more.

Equipment needed: PE uniform and sports shoes are required for all activities

Term 1

Taking home the gold

Take a walk back through history to see where the Olympics all started. You will look at the connection to the Gods and what it meant to compete in the ancient games. You will investigate how the modern Olympics developed and analyse the change in sports, skills and training over the years. You will work on developing your skill in field and track events, setting goals, training, and anyalsing your skill development with a biomechanical focus. In small groups, you will create a brand new game/sport and write a proposal to the Olympic committee about why it should be included in the next games!

The gains

Ever wondered what it takes to get the gains you need to perform at the level you want to be at? This course looks at how and when to use different training methods and principles, such as; interval, strength, fartlet, and weight training. There will be a brief introduction to sports nutrition, and how we can eat to support our training. You will be setting personal fitness goals and developing an individualised plan to support your sport or physical activity goal.

Talk the talk

If you're alive, you are communicating! Communication is how we connect with, relate to, and inspire others. It's also how we look after ourselves. In this course you will learn different types of communication, how to effectively respond in challenging situations and what a person's body language is telling you. We will be putting our communication to the test with board games, cooking, sports games and an escape room!

Term 2

Shooting hoops

Learn what it takes to shoot consistently both in personal skill development and in a game situation. This course you will be looking at the biomechanics behind shooting in sports such as; Netball, Basketball and Korfball. Understanding sport biomechanics helps improve your performance and avoid injury. This will require you to compare your shooting technique with professionals and make adjustments to your style, give and receive feedback and set performance goals.

The power of your mind

Ever wondered what impact our thoughts have on our sporting performance? The science of sport psychology looks at how what's happening in our brain impacts how we perform. In this course we will look at a range of techniques such as mental toughness, visualisation, mindfulness, self talk and motivation. We will investigate what this looks like for professional athletes who are at the top of their game and how they use it. Then we will be applying it to a range of sports and games we choose and seeing how much we improve!

Military Fit

Have you got what it takes to be in the New Zealand military? Or the Police force? During this course you will train to achieve the military fitness requirements (hopefully with the help of some experts) and find out what it takes physically and mentally to defend our country.
We will also be looking at other active careers such as building, roofing, gardening, transportation, medics and more to see what demands we put on our bodies and how we can look after ourselves in these industries. We will be talking with some real life experts and find out what they do to care for their bodies after a hard day at the "office". This course will require you to look at how you might design an exercise programme to help people in high stress jobs using stretching, correct lifting techniques, meditation and more!

Term 3

Sticky situation

It's time to put some wear on our new turf! We will be focusing on developing our stick games. With the help of some experts, we will be developing our hockey skill and game strategy. Alongside this, we will also be learning some more unfamiliar stick games such as lacrosse, floorball, golf croquet, and stickball. Shin pads and a mouth guard are a must!

Global Games

Whether you grow up in New Zealand, Iceland, Mozambique or Italy - kids love to play! When we play games, we learn lots of skills that boost our confidence, reduce stress, improve our coordination and cooperation. During this course you will be looking at different games from around the globe, learning about the history of sports and games in other countries and teaching the class a new game! Get ready to test your skill set, learn new games and have fun!

Term 4

What the health?

Right here, right now what do we have available to foster good health? During this course you will look at what defines health and what resources Temuka (and South Canterbury) have in order for us to be physically and mentally healthy. We will be looking at community events and resources and looking at how people access and use these services such as; pools, tracks, parks, gyms, and various clubs. You can expect to get out and about in our community and engage with locals to give back and try something new!

Nurturing nature

The benefits of getting out and about in nature help improve our entire well-being, this has been proven. During this course, you will look at how being physically active in nature (walking, biking, games, exploring, swimming, day hikes and more) will help improve mood, reduce stress, help foster relaxation, meet and talk to new people, and feel more connected with our community. For this course, we will be exploring our local beaches, mountains and rivers and looking at what South Canterbury has to offer in the nature department.

JAPANESE

Equipment needed: Device if you have one
A4 (Small) Ringbinder 26mm
Dividers
Lined refill paper

For anyone who wants to be a global citizen, this course will be your first step to learn about another language and culture. In each of the courses below we will learn how to read and write katakana, hiragana and kanji. We will use the content of each course to explore the Japanese language and culture through listening and reading the language and later writing and speaking it. In order to be ready for Japanese NCEA Level 1 in Year 11, it is highly recommended that you choose two or more Japanese courses in Year 9 and four Japanese courses in Year 10.

Term 1

Let's go to Japan! Where will you go?

Of course you want to go to Japan, but where will you go and what will you do? Should we go to the big city full of skyscrapers or explore the Ninja Temple in Kanazawa? We could sing in a karaoke box or go to a Japanese amusement park! Let's plan our trip together!

Term 2

Let's go to Japan! What will you say?

You've made it to Japan, but what do you say to people? How can you make friends? Or you might want to help a Japanese tourist here in NZ. What would you say? We'll look at many different situations and make sure that you can!

Term 3

Let's go to Japan! Meet your Japanese host family.

Living with your host family is perhaps the most daunting, but definitely the most rewarding part of your Japanese experience. Let's learn about what it's like to be part of a Japanese family!

Term 4

Let's go to Japan! What will you do at school?

Could school ever be fun? Maybe in Japan it can. We'll learn about the normal day at a Japanese school, what they study and what they eat for lunch, but wait til you find out about the after school club activities! They have a wide variety of sports as well as clubs like anime art, calligraphy and drama!

TE REO MAORI

Equipment needed: Device if you have one
A4 (Small) Ringbinder 26mm
Dividers
Lined refill paper

In order to be ready for Maori NCEA Level 1 in Year 11, it is highly recommended that you choose two or more Maori courses in Year 9 and four Maori courses in Year 10.

Term 1

Taku Ao – My World

Learn Te Reo Māori through basic art & craft, creating a kete to fill with treasures that represent YOU. Demonstrate 'KO WAI KOE'(who you are) through your art craft & digital works.

Term 2

Taku Haka – My Culture (through song and dance)

For those who are music lovers and show expression through waiata (song) & haka (dance). We will compose and perform waiata and haka, learning about the stories and games of the past through music. Strongly recommended for kapa haka students in Year 9 & 10.

Term 3

Taku Pati – My Birthday Bash

A party date is set! You need to plan! Learn Te Reo Māori through organising a birthday bash! Kai, wāhi, kākāhu, whakangahau (food, venue, clothes, entertainment) – all important when planning a party!

Term 4

Taku Whare – My House, My Castle

Wouldn't it be GREAT to live in our dream homes? Learn Te Reo Māori by comparing the traditional whare of the past, the whare you now live in and to the whare you one day wish to own!

MUSIC

Throughout the year, we will have several Opihi Live performances which are a great opportunity for the students to showcase their performing skills, collaborate, and grow in confidence. Some interested students will compete in RockQuest and BandQuest. Students will learn performance skills and the basics of music notation during each course. All modules will lead through to NCEA Music in Year 11.

Term 1

Sing me a song

Have you ever wanted to write your own songs? If your answer is yes, then this is the course for you. Learn a variety of techniques to create and arrange your own songs. You will use musical instruments and the elements of sound design in your arrangement. Combining skills from Science and Technology, we will learn about Taonga Puoro and create our own traditional instruments.

Term 2

What's your style?

Explore the spectrum of music genres which exist in the modern world, and how they differ from each other. Experiment with different genres by discussing, performing, and creating new music pieces.

Term 3

Cooking Music

Learn about the different 'ingredients' that make music. Learn about Beats and Rhythms, Melody and Harmony, Texture and Form, Timbre and Tempo, and Dynamics. You'll be able to change music completely by changing just one or a few of these 'ingredients' and learn how to create your own unique 'recipe' individually or by collaborating with others.

Term 4

Putting It Together – The Music Studio

Become a music producer! Learn the basics of recording on Garageband and compose and record your own music. You will use a variety of music creating skills to present musical pieces that will be recorded on multitrack equipment.

PERFORMING ARTS

Equipment needed: Clearfile 20 pocket
Lined refill pad

Do you want to learn about drama, acting, musicals and film? Can you picture yourself performing on stage? Or maybe your role will be backstage. In each of the courses below, you will engage with all aspects of creating a performance from working with a script to acting and even marketing. You will be able to choose where you fit in best. Our drama classes will develop your knowledge about history, collaborating with others, scriptwriting, production and performance.

Term 1

Be Dramatic!
Learn how the art of drama evolved during the centuries from ancient times to the start of 20th century. Create your own performance as a stylization of one of the styles of past, choosing from the range of puppet show, antique drama, street theatre, and troubadour performance.

Term 2

Modern Drama

This unit will be all about modern approaches in learning how to be an actor. Examples and models will come from within the past one hundred years. You will create a modern performance from start to finish, including creating the stage direction and implementing interactive techniques.

Term 3

Broadway Baby!
Are you ready for Broadway? You can choose to create your own musical performance or follow an existing script. Musicians and singers will have a chance to nail their art live on stage. Other students not in the limelight will perform essential functions like production, set design, marketing and sales.

Term 4

Lights, Camera, Action!
Ever wanted to make your own short film? Now is your chance. Collaborate with your classmates to make a short film. There will be a variety of different roles for each student to play (with acting being only one out of several). You will be able to try out various positions both in front of and behind the camera. Could you be our next Sir Peter Jackson?

VISUAL ART

Equipment needed: Pencil set – purchased from School Office $10
Drawing Wallet

Term 1

Watercolour Painting

How would you like to create small paintings that could be used for making cards or small pictures? You don't need to be able to draw. You will have the opportunity to create a still life and a landscape painting. These are good skills for NCEA Level 1.

Term 2

Woodblocks and Etchings

Woodblock and etchings became extremely popular in the 1960's. You will look at NZ artists Frizzell, White and Drawbridge and International artists like Jasper Johns, Lictenstein, and Andy Warhol. These artists have become leaders in their areas of expertise. You do not need to be able to draw. Wet medium is a major assessment at NCEA Level 1.

Term 3

Landscape Painting

Follow in the footsteps of famous NZ artists like McCahon, Rita Angus, and Robyn Kahukiwa. Amazing international painters like Leonardo Da Vinci, Michelangelo, Andy Warhol - the list goes on and on. You will learn how to create fabulous paintings of our precious environment in Aotearoa and learn the drawing skill of "Pointillism".

Term 4

Creative Photography

Digital illusions are becoming a thing of our modern era that we live in. Would you like to create photographs of people walking on water, floating in space, or create spooky illusions? This could be an option for you to excel in if you have an overactive mind. Come with me to the world of intrigue or magic.

DIGITAL VISUAL COMMUNICATION

Equipment needed: Pencil Set – purchased from School Office $10
Drawing Wallet

Term 1

Chopping board & knife

Recycling is a process we must get use to in the future. HDPE 2 plastics can be recycled into useful products that we use every day. Design your own product, make a mould, and then reform the plastic into something you need. This could be from badges or cell phone holders to chopping boards.

Term 2

Packaging 4 Pleasure

Would you like to be part of the first group to design packaging for our new HDPE 2 products? This is a way of selling the recycled products so we can buy new equipment for the DVC room. You could have your photograph on the packaging?

Term 3

Bat house – Environmental Project

The long-tailed bat is currently listed as 'Nationally Critical' on the New Zealand Threat Classification System emphasising the importance of protecting our native bats. The pekapeka long-tailed bat can be found outside the town of Geraldine along the Opihi River. This mammal is found in only one other place in the South Island. Learn about these amazing creatures and build bat houses to keep them safe. A worthwhile community project.

Term 4

How do they do it?

A fun taste of DVC (Graphics). See what Level 1 DVC is about and learn drawing skills that will help with engineering, carpentry, and product design studies in Senior School.

FOOD TECHNOLOGY

Equipment needed: Clearview File (20 pocket)

Term 1

As Kiwi As

In this unit students will learn about our indigenous foods and various cooking methods. They will learn about the traditional customs and protocols associated with preparing a traditional hangi. Students will also be able to identify the many factors which influence the food we eat which are "as Kiwi as" eg. foraging skills as well as our hunting and food gathering traditions.

Cost for take home component of this course: $30

Term 2

Around the world in forty days

Imagine yourself eating a curry in Calcutta, sushi in downtown Tokyo or a bagel in New York. What if you had the skills and could make these foods yourself? Join us on this voyage of discovery and learn how to make foods from other cultures and sample some of the world's gastronomical delights. We will guide you through basic food handling skills and navigate your way through learning new techniques and processes.

Cost for take home component of this course: $30

Term 3

Are you being served?

Bring out the inner chef in yourself and entertain your guests in your "Pop-up Restaurant" with the food which you have made. Throughout this unit you will learn how to prepare food safely and hygienically, plan and cost menus, write invitations, host a venue, prepare and present food fit for service in the hospitality industry.

Cost for take home component of this course: $30

Sweet inspiration

From ice to cream and everything in between. Who doesn't have a sweet tooth? This unit of work gives students the opportunity to design and make some amazing desserts. Students will gain skills to plan, design and create their own high quality product. Students will learn how ingredients can interact and react with each other.

Cost for take home component of this course: $30

My mouth is on fire

Are you brave enough to eat a hot curry or chilli – can your mouth take the heat? If you think you are up for the challenge, take this course and learn all about the Scoville scale and taste receptors. We will be exploring other ways in which flavours are used to create a taste sensation by complementing and balancing each other.

Cost for take home component of this course: $30

From me to you

The giving of gifts does not always need to be expensive. Learn how to personalize your gifts by making them yourself with ingredients and equipment which you might already have at home in the kitchen. This course will also show you how to creatively package gifts sustainably by recycling or reusing resources. Your assessment task will be centred around choosing someone in the community who you will present with a handmade gift.

Cost for take home component of this course: $30

MATERIALS TECHNOLOGY

Equipment needed: Pen and pencil

Term 1

Carpentry Skills

The focus of this course will be on the development of skills used when working with wood and related materials. We will work toward independent use of hand tool, drills, jigsaws, bandsaws, routers, lathes and sanders. A variety of timbers, boards, fasteners and processes will be discussed and used during the term to expand your knowledge and ability to manipulate, form and transform carpentry related materials. The planned outcome for this course will be a simple wooden project made according to instructions given by the teacher (in discussion with the class).

Cost for take home component of this course: $20

Term 2

Term 1's course is a requirement if you wish to choose this course

Design with wood

The focus during this term will be designing and developing a wooden Bluetooth speaker. You will follow the design process, using the skills learnt during term 1 and your own creativity. Some basic electronic skills required for this will also be learnt and practiced. The only limitation you'll have to your design will be size and availability of materials. The rest is up to you!

Cost for take home component of this course: $50

Term 3

Engineering Skills

The focus of this course will be on the development of skills used when working with steel and related materials. We will work toward independent use of hand tools, drills, grinders, some welders and sanders. A variety of steel profiles, fasteners and processes will be discussed and used during the term to expand your knowledge and ability to manipulate, form and transform engineering related materials. The planned outcome for this course will be a simple steel project made according to instructions given by the teacher (in discussion with the class).

Cost for take home component of this course: $25

Term 4

Term 3's course is a requirement if you wish to choose this course

Design with metal

The focus during this term will be designing and developing a metal desktop feature. You will follow the design process using the skills learnt during term 3 and your own creativity. Some basic physics required for this will also be learnt. The only limitation you'll have to your design will be the size and availability of materials. The rest is up to you!

Cost for take home component of this course: $30

DIGITAL TECHNOLOGY

Term 1

Cyber Art
Welcome to modern electronic art, where you can paint, photograph, model, manipulate, create sound, program, 3D print, and use electronics, to create a modern masterpiece. Be as creative as you want to be. Let your artistic ideas be your guide.

Term 2

Robotronics
Design it. Build it. Code it. Test it - The World of Robotics is endless. It's time for you to take on the challenge and see what your robot can do. Can you program your robot to stay on the road, go to war with your neighbours, complete challenges, or just create a work of art?

Term 3

Invent It

Want to get rich with the next big idea? Invent it here. Every great idea started somewhere. Together we go on a journey to discover the world's latest and greatest digital inventions. Now put your heads together and get inventing. Can you create that next greatest solution?

Term 4

Model This

Let's bring your imagination to life. Digital modelling is a world of its own. Everything from games, VR and architecture uses Digital modelling. Whether it's printing 3D models, solving the world's problems, or just animating a storyline, digital modelling is a part of our lives. In this course, we will explore the world of digital modelling and see what we can make.