



Y9 & 10 COURSE BOOKLET

2022

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 their **Vocational Pathway** using www.youthguarantee.net.nz
4. Identify career possibilities in their vocational pathway.
5. Find out what subjects relate to jobs in their vocational pathway using www.careers.govt.nz
6. Consult with the Careers Advisor, Dean or Whanau teacher about any of the above if necessary.

Stationery

- Under each subject in the course booklet you will find the 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		Mrs Jo Larkin
Head of Faculty	Mathematics	Mr Ruard Smith
	Humanities (Eng/SS)	Mrs Rachael Mortimer
	PE/Health	Mr Stuart Grace
	Science/Agriculture	Mrs Shelly Robson
	Technology	Mrs Bernie Rose
	Arts and Languages	Mr Eric Peters
Senior Leadership		Mr Tony Robson
		Ms Vicki Henderson
		Mrs Bernie Rose
Deans	Aoraki	Mr Stuart Grace
	Pacific	Miss Kate Manson
	Opihi	Mrs Debbie Hauptfleisch
	Rata	Miss Amanda Haines

Course Selection Confirmation

During Week 6 & 7 22nd November – 3rd December

- 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 4qhx6**
- 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 before the end of term

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 - these can be reused for new Maths topics
Scientific Calculator

Term 1

Maths of the Universe

How far does the earth move every year? How many atoms are in a grain of salt? Students will learn how to calculate with very big numbers as they work with interplanetary distances and very small numbers when we learn about the sizes of atoms and electrons.

Budgeting Basics

Ever wondered where all the money goes each week? How are you going to cope when you have a job and you have to look after the money? Will you know how to budget? Or will you run out of money before payday? In this course we spend time identifying the key components of a budget. You will be able to create a budget, look at long term investing and learn the value of money.

The Games We Play

In this course we will examine a range of games and how the statistics behind them work. You will learn key statistics skills such as probability trees, two way tables and venn diagrams. These skills are essential if you are considering taking statistics in the future.

Designing with Math

In this course, you get to design buildings, cars and games. You will be using both Desmos and Scratch to create games that use day to day maths.

Term 2

Creating the Package

This course is about making and designing boxes. Students will make a range of boxes using nets and origami, to learn about volume and surface area. Problems related to minimising the cost of packaging, efficient ways to stack containers and how the way we package things can be deceptive.

Take a Chance?

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 will involve calculating different outcomes.

Maths in the Home

In this course you will learn about basic budgeting, borrowing and saving money. We will explore student loans, home loans and also the cost of having children! We will look into Kiwi Saver and the impact of inflation. We will explore the cost of electricity, and the numbers involved in the nutritional information of food that we often eat.

Tradie Maths

This course uses key Mathematics skills and how they are used in the technical trades. Angles, measurement, area and trigonometry are key required skills if you are considering going into the trades.

Term 3

Art of Mathematics - New Patterns

Discovering rules is what real Mathematicians do. In this course, students will develop their skills of looking for rules and patterns in a variety of situations. They will learn how to describe these rules in words and formulae and to represent them in graphs and tables. Students will also begin to justify and prove their rules.

Maths for Engineering

In this course we collaborate with the engineering teacher and teach all things that will strengthen your skills in the workshop such as measurement, cutting lists, volume calculations and cost estimates

Old Skool Maths

What did people do before calculators? Learn the important skills behind more complicated calculations like long multiplication and division. These skills will be especially useful if you are planning on doing any Algebra strands where calculators are not allowed.

Data driven world

Why are Facebook, Instagram and Snapchat so popular? Do Students at Opihi College spend more time on Youtube or Netflix? In this course you will be able to answer questions that is driven by data.

Code Breakers

Secret messages have been used for many centuries. Code breaking was significant during the Second World War and led to the development of the computer. Now codes are used to encrypt your bank card so that it is safe from people who might like to get access to your money. In this course students will learn more about special numbers, like Prime Numbers, that are used to help make secure codes. We will also gather data about the English language which might help us to break a code.

Computer Skills

In this course we will learn all the functions on the Scientific calculator. We will also make use of Excel to solve problems, explore Desmos and use Education Perfect to expand our mathematical skills

Maths with Google Sheets

Always wanted to learn the secrets to working in Google sheets? This is the course for you! You will learn how to input and format your data and understand which formulas and functions will best lead to the output you need.

Give me my money back!

What is tax? How does it work? How much money does the government take from your payslip and why? In this topic we use key number skills to sort out our budget and come to terms with what we actually earn.

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- these can be reused for new topics
Clearfile 60 Pocket

Term 1

The Psychology of being Human

This unit looks at issues that are faced in literature and then displayed in the real world. You will look at pack mentality, the bystander effect, the survival instinct. The assessments will be a research project of your own issue and an essay paragraph.

Thriller

This unit will focus on ways that different writers and directors manage to send shivers up your spine. It will look at the language needed and the cues that we respond with to create tension and suspense. The end assessments will be a piece of writing that creates a thriller mood and a thriller box of surprise.

Back to Basics

NCEA standards are changing with a focus on literacy being a huge component. This unit will look at addressing some of the issues that students have with the basic conventions of reading and writing. It is advised that those students who struggle or are not confident in either reading or writing take this topic. The end assessment will be a piece of creative writing that has been edited and a reading comprehension test.

Extra! Extra! Read all about it!

Ever wondered what it is really like to be a reporter? What does biased and unbiased mean? We will look at the world of fact vs opinion, plus the skills that reporters need in order to produce credible news articles. The end result will be us writing and publishing our own newspaper or magazine as a class.

Term 2

Alice in Darkland

Look at different fairy tales with a darker moral to the original. You will be creating your own fairy tale warped into a modern fable as well as creating a visual presentation piece that goes along with one of your characters.

Make a Change

Students will choose a significant protest movement or period of activism in history and complete an inquiry into it. They will present their inquiry to the class using a visual aid. Relevant creative and formal texts will be analysed for their language and ideas. A piece of formal writing will be completed for the assessment (letter, speech, or opinion piece) based on their inquiry.

Shoot for the Stars

This unit focuses on the acclaimed NZ novel called “Shooting Stars”, by Brian Faulkner, which follows the story of a teenage boy who grows up in the Coromandel bush. How are you similar to Egan and the experiences that he has in life? We will look at character development, setting and relationships. The end result will be crafting paragraphs with analysis. We will also look at creating a movie trailer for this book.

Recommended for You

Do Netflix, Neon, Disney Plus really know what movies you like to watch? How can they recommend movies when movies are all different? In this unit, we will look at different genres of films. What are the main characteristics? What makes a typical romance? Or a comedy? Or a horror? Analyse different film techniques that directors use in order to lure us in and make us feel a particular way.

Term 3

Killer Queen

This unit is focussed on researching some famous serial killers in history and how they were caught. The case study done in class as an example will be of Minnie Dean - NZ’s last woman to be hung for murder. The students will finish this unit with a scripted court case and a research project on their chosen person.

Calling Peter Jackson

This unit will look at the different types of filmmaking. You will look at film techniques and making either a short film or a TV ad. At the end of the unit your group will hopefully have produced something that could go into a real life short film competition. You will be assessed on the quality of your presentation, the part that you played in your group and the overall idea.

Short Stop

Sometimes reading long novels can be tiresome. In this unit we will read a variety of short stories by a range of authors. We will look at what makes them successful (or not in some cases) and then devise the perfect “recipe” for a short story. Can you write a compelling short story that might only be 150 words long? Or what about one that is 500 words maximum? Learn to write smarter, not longer.

Speak Clearly

This unit will look at famous speeches in history and what made them stand out. You will design your own speech and present it to the class. You will be assessed on your ability to deliver your speech and finding specific examples in a short unfamiliar text.

English Superstar

This unit focuses on extending those who already have a good grasp of the basics of English. This class will look at the more complicated aspects of English that develop the skills needed to help boost your writing to a Merit or Excellence grade. The end assessment will be a boardgame created to help other students, and a formal or creative piece of writing.

Video Killed the Radio Star

The last ten years has caused an explosion of visual effects and new ways of using technology. The old way of radio adverts has now been trumped by brighter and better visual hooks. This unit will explore how advertisements have been used to manipulate and influence you to buy almost anything. Using the program of Canva we will look at all the features that can turn your posters and powerpoints from drab to wow. This topic will end with you coming up with a new product, designing it and marketing it to the world.

Believe it or Not

Discover the weird, the quirky and the disgusting. This unit looks at real life bizarre things and looks at what could be truth or fiction. It will be a combination of Believe it or Not and non fictional recounts. The end assessment will be a brochure of the most unbelievable things you have researched.

The Future Looks Bleak

This unit is about formal writing and focussing on the issues that our planet is facing especially in relation to global warming and the extinction of homosapiens. The end assessment will be a piece of formal writing that has been well researched and include how to read information for meaning.

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 - these can be reused for new SS topics
Clearfile 60 Pocket

Term 1

Early Maori Storytellers and their Mythology

Learn where the stories originally came from and how they influenced the early Maori settlers. This unit will finish with a poster with one of the stories and a family tree of the Gods.

New Zealand in Conflict

This unit will look at how amazing and advanced the Maori were in their design of villages and warfare. It will look at the NZ wars, tribal wars and how both Maori and Pakeha adapted to the landscape. Your assessment will be to design and create a Maori Pa and write a report on how the Musket Wars influenced the signing of the Treaty.

Temuka - Place and Space

This unit will look at our place and our community over time. What were the key historical moments in our community, who were the key people, and how has our community changed over time. What will Temuka look like 50 years from now? Assessment will be research focused, and presented by using a traditional Maori story, myth or legend.

Term 2

Cataclysm

This unit will look at how different societies have ultimately destroyed themselves either through economic decisions, warfare or even climate change. We look at the Mayan civilisation - Why did they leave their cities of gold? How did the people of Easter Island become trapped in a remote paradise? The assessment for this unit will be to create a pick-a-path book that details decision making.

Lice and Latrines

Journey back to WW1 where men and women were forced into a world gone mad. This unit will focus briefly on the causes of the war, how trench warfare was fought and how it affected people all over the planet - including NZ. The unit will conclude with diary entries from a soldier's point of view in the thick of the trenches and a visual depicting the horror.

Economic Decline!

This unit looks at how world markets rise and fall. Students will explore a range of economic theories throughout time and the consequences that those theories caused. Topics may include The Great Depression, Wall Street, GEC, how to trade shares, how to save, and Kiwisaver. The assessment will be based on graphs of data.

Term 3

Kiwiana

Look at what makes us unique -NZ is well known for The Lord of the Rings, Pavlova, Kiwis, birds and our can do attitude. We explore the amazing country of NZ and how we are heads above others on the world stage. The end assessment will be a short group presentation in the form of a video about how amazing NZ is as a place to live.

Clan of the Cave Bear

Look at the ice age humans and how they coped with a changing climate. We then look at different cultures around the world who had to adapt to hostile environments - such as Easter Island. The finishing assessment will be diorama of the setting for one of the cultures as well as a presentation of that setting.

Market Day

In this unit students will learn how to develop a product, manufacture and trade it for a profit. It will be based on young enterprise leading up to a market day for the community. Students are able to keep their own profits but may be subject to a tax by Opihi IRD. Assessment is the process and the product produced.

Term 4

Refugee Crisis

This unit will focus on the issues behind why the world currently has a refugee crisis. You will look at all the valid reasons why someone must leave their homeland and look at the possible future issues that may cause others to be a refugee. This unit will finish with a presentation presented in a visual way using Canva. You will also be expected to put together a refugee kit that may be donated to a worthy cause.

Fire, Ice and Death

This unit will look at the different types of environments that we are lucky to live in. How do people survive in these places? We look at desert nations, rainforests, arctic and oceanic people. The end of unit assessment will be a climate graph and paragraphs describing and explaining the positives and negatives of your chosen environment.

Glittery Gold

This unit will focus on the Gold Rush, the cultures and people that shaped early economics and demographics. This will involve looking at USA, Africa, Australia and NZ as miners searched the world for the lure of glittering gold. The assessments will be mapping and data and a mind map that is presented in a poster format.

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

Term 1

Citizenship Science

This is your chance to be a part of hands-on science projects in our school and local community. If you want to get a taste of what it's like to be a real scientist, this is the Science unit for you! We will look at different issues, animals and habitats in South Canterbury and at Opihi College and what you can do to help them.

I Like to Move it, Move it

Ever wondered how our transportation industry works? Here is the unit for you! Learn about the physics of motion, boats, motors and planes! This course will give you an insight into who Richard Pearse was and his contribution to the aviation world. It will also go into how gears, pulleys and levers work.

Journey to the Centre of the Earth

What's beneath your feet? How did that mountain get so tall? What resources can we get out of our Earth's crust? Journey to the Centre of the Earth delves into the Earth's structure and geological features of the land. You will learn about what drives our earth making and breaking processes, and what gives us our magnetic poles.

Slow Death by Rubber Duck

What chemicals are around us in our everyday objects? How are they bad for us? What has happened throughout history that has led to regulations on substances like paint, medications and building materials?

Term 2

Pirates of the Caribbean

Ahoy there! Enjoy the movie? Now learn about the Science of what is happening! This course covers a wide range of Science strands; Chemistry, Biology and Physics. Learn about what happens to sunken treasure and the chemical reactions of certain metals in water. Learn about the challenges of surviving on a ship for extended periods of time and diseases that you could succumb to. Learn about the warfare and weapons used on pirate ships and the physics of shooting a cannon! Come aboard for an exciting learning experience in Science.

Matariki

Subaru. Pleiades. The seven sisters. The Matariki cluster is known the world over and is a significant part of the visible constellations. In this unit you will discover how stars are born, live and die. You will learn about astronomical distances and where stars fit into the universe. Also, how the constellations link to seasons and how early people used the constellations to dictate activities.

Weird and Wonderful

Venus fly trap, mantis shrimp, aye-aye and the titan arum; these are just some of the crazy species of plants and animals on Earth. In this unit, we will study how these organisms were designed in weird and wonderful ways by nature and why they are so different to other living things.

Biosecurity

Welcome back to NZ. We hope you have had a lovely vacation. Please lift your luggage onto the conveyor belt to be scanned through the X-ray machine. Next show us your shoes and boots. Have they been cleaned? Have you visited any farms on your holiday? What about forest walks? Have you brought any fruit or vegetables with you into New Zealand? This unit looks at the wonderful world of border control. What is the science behind these questions and why it is important that we have this industry.

Term 3

Zombie Apocalypse

The year is 2040 and zombies have overrun the world. Brains, blood, parasites, disease, survival - these are all issues you need to understand in order to survive the zombie apocalypse. In this unit, you will learn about microbes, transmission of disease and some human biology. And of course you will need to use your imagination!

Taking it to the Extreme

Ever wondered how some things live in the most extreme places where nothing else can survive? Antarctica, acidic volcanic springs, the Sahara and Mariana Trench are just some examples where life is found. What do the organisms that live here look like? How do they survive? And what are the limits for human survival as the world around us changes?

No Pain, No Gain

What are the links between Sport and Science? In this unit you will learn about the human body and how it copes when exercised to the extreme; how the human body accesses energy from the food provided; how muscles work to produce movement and the physics of these motions.

Mad Scientist

When we think of an image of a scientist we tend to get a picture of someone with wiry white hair, an evil laugh and a white lab coat. This stereotype couldn't be further from the truth! In this unit we will be learning about some scientists who have made amazing contributions to the modern living world, and specifically looking at NZ Scientists and what they have accomplished.

Santa Science

Christmas and Science collide in this unit, where you will learn about the physics of Santa's sleigh, the chemistry of Christmas crackers and the smell of Christmas. We will also look at the biology behind how Santa, his elves and reindeer all survive at the North Pole! If you love Christmas, this unit is for you.

Into the Deep

Did you know that only 5% of the Ocean has been discovered? This leaves a whopping 95% yet to be explored! In this unit you will learn about what the hydrosphere is and its many interactions with the land. You will also learn about the science of scuba diving, what creatures are found in the ocean, and problems the ocean is facing such as plastic pollution and ocean acidification.

Jurassic Park

66 million years ago, an asteroid destroyed three quarters of Earth's plant and animal species, including the dinosaurs. In this unit, you will learn about the different organisms that lived before this event, how the Earth and living things have changed over time and why some conspiracy theorists believe the asteroid shower never actually happened . . .

Sound of Music

This unit is all about sound. How is it made? What is the science of this phenomena? How do we perceive this? What makes sound music or noise? What is the psychology of listening to music and our moods? How do various instruments make their sound? What is the cultural narrative around music?

AGRICULTURE

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

Term 1

The Humble Sheep

The sheep is the cornerstone of New Zealand agriculture, with 30 million of them driving our economy. This unit will teach you how to look after and care for the sheep so it produces for the farmers and the economy.

Term 2

The Exotic Breeds

Farms in New Zealand are made up of many different farm animals, from ostriches to goats, and turkeys to pigs. This unit will look at a range of different animals and how farmers use these animals to produce a range of different products.

Term 3

Juicy Fruit

South Canterbury has grown into a large apple producer, however within our regions, blueberries, strawberries, blackcurrants, pears and the humble potato make up our horticultural farming sector. This unit will look at these farming practices and discover what makes them tick in the agriculture science world.

Term 4

Horses for Courses

Horses are used in New Zealand from racing through to mustering. This unit will explore the horse and how to care for it, from horse whispering through to hoof trimming.

EDUCATION FOR SUSTAINIBILITY

Equipment needed: 1E8 Exercise Book

Term 3

Sustainable Diet

Where does our food come from? How is it produced? What processes are occurring to get it to the table? What impact is our diet having on the environment? In this course we will find out the science behind each of these questions and work out how our diets impact on climate change.

Term 4

Captain Planet

Ever heard of Captain Planet? This popular 90s cartoon animated the pollution problems that faced the world. The planeters worked together to solve pollution problems and spread the message about the impacts it has on the environment. In this course we will look at the issues that exist today, the science of the materials that are causing the problems and current changes humans are making to prevent further damage.

DRAMA

Equipment needed: Clearfile 20 pocket
Lined refill pad

Term 1

Shakespeare in Love

This unit will explore some of the plays of Shakespeare and how a limited cast can perform an amazing play without the use of technology solely using drama skills. In this class you will be put into groups and rewrite a play/scene from the greatest bard who ever lived. With your group you will then learn the conventions of drama and how to perform to an audience using the stage.

Term 2

Once Upon a Time

This unit will be designed by you. You will look at the old fairy tales which were darker than the soft fluffy ones we see today. Once you have moved into the realm of the morality tales gone wrong you will then write a modern-day fairy tale to be performed to an audience. This unit will explore the use of makeup and costume to help set the scene of the dark underworld.

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
Pen or pencil.
Additional refill would be useful, however, most of our work will be completed in workbooks (provided).

Term 1

Whole Body Wellness

During this unit you will explore how to develop a lifelong interest in keeping yourself fit and healthy. We will learn physical and emotional first aid, nutritional concepts, yoga, swimming, and discover walks in our local community. This is a non-competitive option with a focus on all aspects of hauora and developing resilience.

Hitting it Out of the Park

Develop your skills at playing Softball and Cricket. Learn the techniques to deliver a fast bowl, a googly or a hit hook shot or a home run. Learn how to umpire these traditional games and look at variations from around the world such as stickball, rounders and stool ball.

The Summer Games

Explore the depth of the summer Commonwealth / Olympics Games and practice some of your favourite sports from the global spectacular and become an expert at it, from your personal performance to coaching and umpiring it. Remember this is not just Athletics and could include any event that can be done as a group (Obviously not equestrian!). We may even get down to the pool for the odd afternoon (A cost will apply).

Term 2

Learning to Lead

Ever wanted to learn the fundamentals of sports leadership and how to get the most out of yourself and your team, in a competitive and fun environment? In this programme you will learn how to motivate, support and develop yourself and your peers through the medium of competitive games.

Fit for Purpose

Develop a programme that fulfils the requirements of the group to become a Physically Active cohort that can work together for the greater good. This course could involve but is not limited to games, recreational activities, training and Adventure Based Learning. The sky's the limit.

Spin, Twist and Flip

Have fun developing your skills in flight, across obstacles and space to create a routine on the trampolines, vaults and mini tramps. Learn new and enhance existing skills in a variety of activities such as juggling, unicycling, slacklining, parkour, obstacle course designing, racing and much more. Explore adventure based learning and how teams form, storm and norm.

Term 3

Turf Wars (Actually GAMES, not wars)

With the arrival of the new astro turf, you can follow a programme of sports and activities using the new turf. Hockey, Futsal, Netball and a range of other outdoor games to make the most of this fantastic new facility.

Winter Well-being

Learn how to look after yourself during the cooler months when motivation and sunshine is lacking. Learn to appreciate the aspects of hauora as you dance, bowl, skate, walk and meditate your way to improving your inner well-being.

Defend Yourself!

We will focus our learning on Seido Karate and personal self-defence, which in turn boosts self-confidence and self-esteem. We will look at other traditional Japanese sports like Judo, Kendo, Jujitsu, and Sumo. We'll also explore some less physical activities like zazen meditation, cherry blossom viewing and origami. Loose fitting clothing is required.

Planning to Win

Develop a winter tournament for you and the rest of the school for house points. Decide on the best selection of sports for you and your friends and learn to develop the skills to win. Ensure that staff are kept away from umpiring by learning the rules and laws of the events. (Success cannot be guaranteed during the actual tournament).

Term 4

The Secret to Sporting Success

Learn the secret to making you a better athlete, through a variety of sports, games, practices and drills. Don't ask, have faith in the secret.

Health in our Community

Learning how to look after ourselves and others in our local community. This will be a holistic approach to health where we look at the different dimensions of well-being and how we can enhance these. We will be exploring the link between physical activity and the benefits this has on our social, spiritual and mental health all while out and about in our local surroundings.

Surf, Ropes and Forest Adventures

Prepare for and develop the skills and endurance to undertake a three day camp at Spencer Park, where you will learn to surf, tackle the high ropes course, mountain bike and orienteer. You will learn map and compass work, basic cycle maintenance, teamwork and belaying skills. Expected cost around \$175 plus a food contribution.

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

Japanese Storytelling

We will use class created stories to learn Japanese. The stories can follow a normal culturally appropriate theme or they can get quite crazy. It all depends on the mood of the class. There is no set topic, but there is always a problem that our hero must overcome.

Anime - My Neighbour Totoro

Arguably the premier anime created by Studio Ghibli. It always ranks high on the best anime of all time lists. We'll watch Totoro and use the characters and setting to talk about Japanese families, schooling and daily life.

Term 2

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

So now that you're in Japan, what will you do? Sing in a karaoke box? Watch a live sumo match? Visit the Ninja Temple in Kanazawa? Or perhaps go to the ultimate amusement park, FujiQ Highland!

School Related Anime

Japanese anime including the Daily Lives of High School Boys, Your Name and From Up on Poppy Hill all look at the lives of high school students in Japan. We'll use short clips and scenes from these anime to learn some Japanese.

Term 3

Japanese Pen-Pal

A pen-pal sounds quite old-fashioned, but it's still a great way to make first-hand contact with other young people from Japan. We will start with a handwritten letter that we'll post, but we'll also look at Japan's use of Instagram and Line. Once we feel comfortable with our written work, we'll arrange Zoom calls for face-to-face pen-pals.

Term 4

Japanese Storylistening

Listening is by far the most important skill to master when you are learning another language. Listening comes before speaking, reading and writing. We will listen to easy Japanese stories to passively build our vocabulary and then write some of our own.

TE REO MAORI

Equipment needed: 1B8 Exercise Book - these can be reused for other Maori topics

Term 1

He Kakano...Born of Greatness!

This course is ALL ABOUT YOU! Who are you? Where have you come from? What awesome tales come from the land of your tipuna (ancestors)? Are there people in your family tree that are famous? This is an opportunity to research your whakapapa (family history) and present it in Te Reo Māori.

Term 2

Hākari – Time to Celebrate!

This unit focuses on the celebrations of the Māori – birthdays, weddings, tangihanga and Mataariki, the Māori New Year. We will look at what goes into preparing such events and will plan a hākari (feast/event) for Mataariki.

Term 3

Tikanga Māori – Superstitions vs Customs

This course explores customs of Māori and how they compare to other cultures. We will look at key concepts such as Tapu, Noa, Kawa & Mita (protocols and dialects between tribes). Were Māori superstitious? Are the spooky stories for real? Let's find out!

Term 4

Ngā Tāonga o ngā Tūpuna

This unit will explore games, past times and crafts of Te Aō Māori. What was the purpose of each game? Students will explore a 'taonga' to create and produce a resource in Māori explaining the process of that craft/game/past time and demonstrate to the class.

VISUAL ART

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

Term 1

Pool Mural

The local pool buildings need some sprucing-up. Would you like to be part of this big beautification of our new swimming pool? Learn how to draw and paint on a large scale and leave your mark for years to come. This is a good project to achieve Care Cards for Community.

Term 2

Mask Making

Donna's paintings and detailed masks also hang throughout the space and reflect her interest in theatre and the power of the 'gaze' throughout history. Amidst all her larger pieces are bits of ephemera that inspire and inform her process; antiques, taxidermy, other artists' work. Take a trip to a live NZ artist in Oamaru's historic precinct and watch her at work. Donna Demente' is Oamaru's famous mask making artist.

There will be an extra cost for this course for the trip to Oamaru.

Term 3

Coil & Pinch Pots

Pinch pots are the ideal project for newcomers to hand-building with clay. Perfecting this technique is a fantastic way to start developing your clay-craft skills. Use Māori designs, or your own, to decorate, and then fire them in a sawdust kiln. Burnish your final design and give it away as a present.

Term 4

Portrait Photography

Portrait photography, or portraiture, is a type of photography aimed toward capturing the personality of a person or group of people by using effective lighting, backdrops, and poses. A portrait photograph may be artistic or experimental. If this sounds like an interesting hobby, come and give it a go.

ART TAONGA

Equipment needed: None

Term 1

Toanga Puoro – Musical Instruments

We must save our heritage in Aotearoa New Zealand. The purerehua and koauau are musical instruments are the basics of Maori music. The ghostly sound of the koauau at the start of songs by Toanga Puoro is a must to listen to for all people of Aotearoa. Come and join us – *Nau mai, haere mai ki Toanga Puoro. Welcome to Toanga Puoro*

Term 2

Bone Carving

It is believed that a carving which is worn with respect, or given and received with love, takes on part of the spirit of those who wear or handle it. Ever wanted to try bone (beef) carving? Come along and give it a go. Start creating taonga for whanau and friends.

Term 3

Weaving

Manu means both bird and kite. Tukutuku refers to winding out the line. Kites were flown to celebrate the start of the Maori New Year. From kites to simple bracelets, or Christmas decorations, come along and try weaving. *Nau mai, haere mai.*

Term 4

Tupono Whakamutunga – Final Chance

Did you miss any of the above courses? Then this is your final chance! Come along and feel the spirit and aroha of Maori culture. Make your own musical instrument or carve a Matau (fishhook). If that is not your cup of tea, then what about a cool bracelet or purse? *Nau mai, haere mai.*

MUSIC

Equipment needed: 1B8 Exercise Book - this can be reused for other Music topics

Term 1

80s Pop Hits

This term students will sample a wide range of Popular music from all over the world and from a variety of cultures and time periods. Starting with the Greatest Hits of the 80s (that's the 1480s), and working our way through history to the 1980s. Students will encounter a variety of strange and wonderful instruments such as the "Serpent", the "Racket" and the "Sackbutt" as we time travel through popular music. As with all Music courses, students will also be introduced to performing and will be participating in "Opihi Live," ("Te Live"), at the end of term.

Term 2

Rockquest... Bring It On!

This term students will be learning all the skills that it takes to participate in the biggest music competition in New Zealand. Bands will be formed and songs will be written. Performances will be held and the groups that have what it takes will perform live at the Timaru Smokefree Rockquest 2022! Come and be a part of the legendary Opihi Rockquest team.

Term 3

Genre Journey Aotearoa

Explore many of the genre, or types of music that happen in our own back yard. From home grown Reggae and Hip Hop, to the Mysterious "Dunedin Sound". From the music of Geraldine band, the Dance Exponents, to traditional "Puoro Maori" sounds. Students will also be learning to play instruments such as the guitar, bass and drums and will be expected to participate in "Te Live" at the end of term.

Term 4

Music for Serious Musicians

In this term, students will focus on the skills and knowledge needed for Level 1 Music. Students will learn to read music and will need to be able to play at least one instrument. Students will read, rehearse and perform pieces so that they are capable of achieving in Level 1 Music Performance and Music Composition in 2022. Students will learn score reading, as well as the theory of music, including time signatures, scales, keys and intervals, so that they are fully prepared to achieve in Level 1 Music internals and exams.

DIGITAL VISUAL COMMUNICATION

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

Term 1

Fast & Furious

How do you make a piece of balsa wood travel the length of the gym at 90kmp/h in 1second? Using aerodynamics and designing the ultimate CO2 gas powered dragster is a National Competition. Can you be the fastest Year 9/10 student in 2022?

Term 2

Cellphone & More

Recycling is a process we must get used 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 to cell phone holders.

Term 3

Nuts and Bolts

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.

Term 4

Creative Packaging

Would you like to be part of the 1st Group to design packaging for our new HDPE 2 products? You could have your photo on the packaging if you wish. Designing and appealing to customers is an important skill to develop. You never know, you might realise that you have a hidden talent of designing packaging.

FOOD TECHNOLOGY

Equipment needed: Clearview File (20 pocket)
1B8 Exercise Book - you may use this again if choosing another Foods course

Term 1

Well Preserved

Just like the ancient Egyptians, would you like to perfect your dehydration techniques? Learn how to smoke foods, as well as other skills which will see you refine your skills as a chef in the kitchen. Summer is not only the time for sun, surf and fun - it is also the time that freshly grown food is in abundance as well as the time of year when you are at risk of being exposed to food poisoning. This course will teach you some basic skills on food safety and hygiene and also introduce you to the skills which you need to learn how to preserve foods which are in season.

Cost for take home component of this course: \$30

All Fired up

What better way to say hello to summer than getting the BBQ all fired up? We know that eating is a necessity, but BBQing is an art. The heat is on so grab life by the BBQ tongs! Don't ask whether we're going to BBQ or not; ask how we will BBQ. We will look at marinades and sauces as well as other favourites. Always remember that no delicious BBQ was ever achieved without utmost attention and enthusiasm. Barbequing may not be the answer to all our problems, but it's a good start.

Cost for take home component of this course: \$30

Term 2

Snack Attack

Are you bored with the same old foods for snacking on and looking for a change? Then this is the course for you and the chance you have been waiting for to learn a lot more about planning and preparing healthy snacking options for hungry teenagers. At the same time as extending your repertoire of technical skills, you will also be analyzing what nutrients are present in your food and what nutrients a healthy teenager needs in their daily diet. During this course we will be making tasty and appetizing snack foods suitable for busy teenagers on the go.

Cost for take home component of this course: \$30

From Garden to Plate

Are you as cool as a cucumber or as hot as a chilli? Discover a love for fresh food and learn skills that will last a lifetime. We all know we should all be eating fruits and vegetables as if our lives depend on it - because they do. Feel the vitality of the ingredients, the freshness and enjoyment of

cooking something completely different. Harness your creativity and imagination to create a masterpiece for the plate or glass from fresh fruit and vegetables.

Cost for take home component of this course: \$30

Term 3

All Wrapped Up

Have you ever heard the saying that “all good things come in small parcels?” Here is your chance to find out for yourself if there is any truth to this. During this course you will have the opportunity to learn the skills required to make products such as pies, ravioli, wontons, dumplings etc. One thing which these small “parcels” have in common is that they are wrapped in carbohydrate food. Here is your opportunity to extend your knowledge of this nutrient and the role that it has in your daily diet, as well as learning the techniques needed to make these foods for yourself.

Cost for take home component of this course: \$30

The Mystery Box Challenge

What should you eat when there is “nothing” in the fridge? Don’t worry. We will figure this out together and work out what you can make when your fridge is empty! This is the perfect way to reduce food waste and use up pantry ingredients you didn’t even know you have, or don’t know why it was bought! Instead of being disappointed by a weird meal with ingredients you wouldn’t normally pair together, make it creative and get the inspiration you need to make something out of ‘stuff’!

Cost for take home component of this course: \$30

Term 4

A Slice of Heaven

The temptation may be just too great to resist! If you have heard and agreed with the saying “You eat with your eyes” and you have found yourself drooling at the many temptations in a bakery window, then this is the course for you - it may be too great to resist. You will learn a lot more about the science of food and why foods react a particular way, as well as looking at the appetizing aesthetics of food (for the amateur, that means how “yummy” a food looks). We will be making a variety of cakes, biscuits and slices during this course and the challenge will be to possibly achieve products which are fit for selling at a Market Day.

Cost for take home component of this course: \$30

Fast and Furious

When time is short and your skills are limited, there is a time and place for convenience foods. You will learn what convenience foods are and the place that they have in our meal planning. This course will help you to compare the pros and cons of using these foods when you are cooking. In this course you will also learn how to make your own homemade version of some popular takeaway foods such as KFC and sweet and sour pork.

Cost for take home component of this course: \$30

MATERIALS TECHNOLOGY

Equipment needed: Pen and pencil

Learn to use hand tools, basic power tools and workshop processes. Gain the confidence and construction techniques to be able to bring your ideas to life. You will be able to take your designs and learning new construction skills that will enable you to take your completed item home.

Take home component cost for each course will be determined by each chosen project.

Term 1

Pimp My Ride

Do you think you have the patience to research, design and build a scale model lambo, jeep or possibly a vintage car? A steady hand will be required for detailing and a steady mind for planning.

Term 2

This means WAR!

Trebuchets, catapults, canons and ballistas unite! Research and design your best siege weapon (scale model 30-40cm) and join forces with others to defend your castle and destroy the enemy.

Term 3

Robin Hood

Longbow, recurve or crossbow? The choice is yours, but can you design and develop a bow that could take down your next game animal? Or at least beat the rest of the class in a target shooting standoff?

Term 4

Fun in the Sun

Nothing like a good ole game with the family while the barbie is going. The options are endless. From ring toss, to mini cricket, to tic-tac-toe – the choice is yours. A good design and research is required before you build. What a great way to finish off the year, with a game that you can play with family and friends.

DIGITAL TECHNOLOGY

Term 3

The 3rd Dimension

Take a journey through the virtual world, where anything is possible. Build your world then watch it come to life. This course lets you model, build, and print your imagination through the use of 3D printing.

Gamify your World

Welcome to the Wonderful World of Games. In this course you will create your own computer games. While learning about Computer Science, you will program test and debug your own games, and of course you will need to test each other's games. What a fantastic way to learn.

Term 4

APPtastic

Imagine if you have the power to create the next greatest APP ever. Welcome to a digital journey that will blow your mind. Get that genius on board and let's make some amazing apps that could potentially go on your phone. This course will give you the opportunity to create a number of apps. How fantastic would that be!

The RoboVerse

Let's delve into the future and see what a world would be like if it were full of robots. Put on your thinking cap and let's create the next Robo Olympics. Let us see what your robots can do. This course allows you to explore exciting computer science concepts in the practical world of robotics. There will be heaps of fun as you test out your creative ideas.