



MARLBOROUGH GIRLS' COLLEGE

Te Kāreti Kōhine o Wairau

2023 Junior Course

Selection Booklet

Semester 1

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Year 9 Course Selection Information

Choose 8 courses in Semester 1

- Carefully view the course options online <https://marlboroughgirls.schoolpoint.co.nz/> refer page 6.
- In Semester 1 you must select one course from the compulsory 5 learning areas of:
 - 1) English
 - 2) Health & PE
 - o Health & Physical Education course is compulsory in semester 1.
 - 3) Mathematics & Statistics
 - o You must choose Building Models or Mathletes in Semester 1
 - o Alternatively, Numbers Count is offered to students who need to develop numeracy for the year.
 - 4) Science - to ensure essential skills and knowledge are gained you must select courses that are a mix of S1, S2, S3 or S4 courses.
 - 5) Social Sciences - you must do a course from the Aotearoa Histories in one of the semesters
- Note some courses cover 2 Learning areas. You can do more than one science course, for example Earth & Beyond or Mountains to sea.

Year 10 Course Selection Information

Choose 8 courses in Semester 1:

- Carefully view the course options online <https://marlboroughgirls.schoolpoint.co.nz/> refer page 6.
- In Semester 1 you must select one course from the compulsory 5 learning areas of:
 - 1) English
 - 2) Health & PE
 - o Health & Physical Education course is compulsory in one of your semesters.
 - 3) Mathematics & Statistics
 - o You must choose Record Breakers or Product Wars
 - 4) Science - to ensure essential skills and knowledge are gained you must select courses that are a mix of S1, S2, S3 or S4 courses.
 - 5) Social Sciences
- You are recommended to take Arts and Technology in at least one semester. Languages run for both semesters.
- Note some courses cover 2 Learning Areas i.e Perspectives: Past and Present or Train to Gain.

Arts - Year 9 Art Courses

Who am I? - Semester 1 - Y9

Contact: Mrs Burrows

This course is designed to get you excited about Visual Arts. You will be taught how to develop techniques through a variety of mixed media such as drawing, painting and printmaking. The theme for this course is Identity. You will explore your identity and culture through your art, as a way of expressing yourself and EXPLORING WHO YOU ARE.

You will learn to:

- Explore the fundamental techniques in art making.
- Understand the cultural context through established practices.
- Explore ideas and concepts that generate meaning.
- Understand how visual literacy enhances understanding of the real world.
- Develop thinking skills for problem solving.

Rock Star - Semester 1 - Y9

Contact: Mrs Burrows

Do you want to perform music live? Do you want to record your own music with your band?

You will learn how to create a performance using a choice of instruments. You may already play an instrument or maybe want to learn how to play one of ukulele, keyboard or guitar to create a performance using a choice of instruments.

From here you can decide which instrument you best like then work with others, or on your own to produce a performance for the rest of the class, create your own YouTube channel and upload performances for friends and family. You will:

- Gain confidence and experience in performing music on multiple instruments.
- Write and perform your own music to an audience.

Fotografik - Semester 1 - Y9

Contact: Mrs Burrows

Do you love to take photos?

Do you want to have the coolest photos to share with all of your friends?

In this course you will learn techniques and compositions that will transform the way you take photos. You will learn the history behind photography and artists that will inspire you.

You will also learn to edit and present your work using Adobe Photoshop.

Do you want to be able to:

- Explore the fundamental techniques of digital photography and photoshop.
- Understand the professional photography and designer practices.
- Explore ideas and concepts that generate meaning.
- Understand the science behind the element of light in producing images.
- Understand the relevance of photography as documentation of human history.

Treasured Legacies - Semester 1 - Y9**Contact:** Mrs Burrows

During this course, students will be introduced to drama through storytelling. Students will explore how the stories we tell and the way we tell them shape our understanding of ourselves, our world and our place in it. They will explore and respond to stories from New Zealand and around the world. Students will learn the tools of what it means to be a good storyteller and how to create a meaningful performance.

Year 9 & Year 10 Art Courses**Sing out Loud - Semester 1 - Y9/10****Contact:** Mrs Burrows

Do you love to sing? Would you like to receive vocal lessons to improve your technique? During this course you will be introduced to the world of choral singing. In lessons you will work together to perform choral music and how to blend the different parts effectively. Once you have mastered vocal techniques, you will perform these at a range of community events.

There will be opportunity to:

- Grow as confident individuals and learn the skills of working in a group to produce an excellent end product.
- Develop fluency, musicianship and technical control as they rehearse and present a group performance.
- Regularly perform to the Marlborough community.

Production Arts: Wearable Arts: - Semester 1 - Y9/10**Contact:** Mrs Burrows

This course will introduce you to the world of wearable art. In groups, you will work through three design briefs to create an original costume based on the principles of WOW. One of these costumes will be entered into the TOI Showquest competitions held annually in Nelson.

Siva mai, sau ia! - Semester 1 - Y9/10**Contact:** Mrs Alipia

This programme gives students an opportunity to be able to connect their learning to their cultural heritage and identity through performing arts and language. It creates a learning environment which is meaningful and relevant with a platform to express their thoughts, ideas, beliefs, values and cultural practices in a way that is relevant for them. Students will learn basic conversations in Samoan and Tongan language.

Year 10 Art Courses

Let me be Heard - Semester 1 - Y10

Contact: Mrs Burrows

This course is designed to help build confidence in the essential skills of modern music learning: performance, composing for film using Soundtrap and Ableton software. Students will gain experience in performing in front of others and have their music recorded on an audio visual platform.

Students will be encouraged to use their main instruments or voice for performance, but will all learn keyboard as a method for understanding how to read music.

Creating Art - Semester 1 - Y10

Contact: Mrs Burrows

This course will ask you the question: How and Why do artists create and make art? We will introduce you to a great range of NZ and International Artists, who will further inspire your work. Throughout this course you will explore political viewpoints, and personal perspectives. You will explore the themes through your artwork and see how why you create art?

Drama: Children's Theatre Bringing it all to Life - Semester 1 - Y10

Contact: Mrs Burrows

Imagine researching the world of touring theatre with a specific view of creating a unique piece of theatre, based around children's literature! You will tour various locations in and around Marlborough. There will also be an opportunity for you to take on a directing role within this project.

You will have the opportunity to:

- Provide learning experiences that make appropriate and meaningful links between the arts disciplines.
- Collaborate as a group in order to create a unique performance event.
- Be creative with lighting and sound as a design tool for production.
- Use a variety of children's literature as the starting point for a performance.

English

Year 9 English Courses

Dark Side of Fairy Tales - Semester 1 - Y9

Contact: Mr Lower

In this course, you will creep into the world of fairy tales, investigating the original tales in all their gory details. We will explore the origins of the tales and research witchcraft and superstition before analysing the most modern retellings of classic tales presented on film. You will conduct your own research inquiry and will develop your formal and creative writing skills.

- Why were fairy tales created?
- How do fairy tales reflect the world they were written in?
- How and why have fairy tales changed over time?

Fantasy Fiction - Semester 1 - Y9

Contact: Mr Lower

In this course, you will explore a range of fantasy texts, including stories, poems and a film. You will also engage in a detailed study of 'Harry Potter and the Philosopher's Stone'. You will undertake an inquiry into a fantasy author of your choice. The course will conclude with you writing your own fantasy tale, applying your new knowledge and understanding of this magical genre.

- How do fantasy texts help express some of our deepest thoughts?
- What motivates authors to write in the fantasy genre?
- Why has fantasy fiction become more popular in recent years?

In the Beginning - Semester 1 - Y9

Contact: Mr Lower

This course is designed for learners who need support developing their reading and writing skills. We will explore story-telling, looking at how stories help us to better understand who we are and where we belong. We will begin with powerful cultural myths and legends from Aotearoa/New Zealand and other countries before moving on to discovering how these can be developed. We will finish with the creation of a personal legend.

- How are myths and legends part of our identity?
- Why are myths and legends an important part of human history?

Year 9 & Year 10 English Courses

Director's Cut - Semester 1 - Y9/10

Contact: Mr Lower

You will study a selection of short films then collaborate to make your own short film. You will develop your own skills in filmmaking and editing using a range of digital techniques to bring your film to life. The course will end in a mini film festival where your final product will have its premiere.

- Collaborate with one another, developing your digital storytelling capabilities giving expression to an idea or issue you wish to explore.
- Learn the key concepts of digital short film-making by designing and developing a short film for a specific genre.

Book Club - Semester 1 - Y9/10

Contact: Mr Lower

This course will give you the opportunity to have class time allocated to reading, sharing details about the books you've read, individual and group analysis and engaging in research about books. You will be encouraged to explore a range of book types and will investigate and use social media sites for books. You will develop critical thinking ability and presentation skills to create book reviews and to form personal responses to texts.

- How do books help us understand the world around us?
- How can books help us develop empathy?
- How can books help us understand the past?

An Author's Voice - Semester 1 - Y9/10

Contact: Mr Lower

This course is for students who enjoy creative writing and wish to extend their writing ability. You will begin by reading a text of your choice, using this to explore the craft of writing. You will use your new knowledge to develop a piece of writing of your own, learning to plan and edit your work. The end goal will be a self-published piece of writing.

Belonging (ESOL) - Semester 1 - Y9/10

Contact: Mr Lower

In this course, you will develop the ability to read and write in English with confidence. Time will be set aside each week for you to strengthen your understanding of classwork from your other courses. You will also become familiar with Kiwi customs, culture and traditions. Through the foundation of the English language, you will feel an increased sense of belonging and wellbeing.

- How does language help create a sense of belonging and increased wellbeing?
- What does it mean to be a Kiwi?

Year 10 English Courses

Conspiracy Theories Through Time - Semester 1 - Y10

Contact: Mr Lower

What are conspiracy theories and what makes some people believe in them? You will learn about how conspiracy theories are formed, structured and spread. We will determine the difference between real and fake news and the role social media plays in the creation of conspiracies. You will examine and inquire about a past or present conspiracy theory and the effects that a conspiracy theory has on society. You will present your chosen conspiracy theory. In this course you will learn the English and Social Science concepts of reading, writing, inquiry research and speaking.

- Why have some conspiracy theories lasted for so long?
- What is real news and fake news?
- Why can't people tell the difference between real and fake news?
- How does social media play a role in the creation of conspiracy theories?

Girls of Fire: Katherina to Katniss - Semester 1 - Y10

Contact: Mr Lower

In this course, you will explore how girls and women have been portrayed in literature throughout history. You will examine how these portrayals have shaped society's perceptions of girls and women while developing your skills of critical inquiry through reading, writing and viewing. You will choose how to show your learning; from a written critique to a visual or spoken presentation.

- What is feminism?
- How is femininity portrayed throughout history?
- How has that portrayal shaped society's view of women?
- What is the role of girls and women in society?

Newsroom - Semester 1 - Y10

Contact: Mr Lower

"Whoever controls the media, controls the mind."

In this course you will actively explore what the media is. You will learn about the role of media in society, how media texts are produced, controlled, and shared. You will be challenged to be creative and required to create news articles, podcasts and filmed news reports, about local, national and global events. You will learn the skill of investigative journalism and be involved in the production of the school's media.

Through a New Lens - Semester 1 - Y10

Contact: Mr Lower

You will connect with film experts from the community to learn about documentary filmmaking. You will be taught how to take an idea from conception through to a finished product. You will create a short film that tells local stories about a person, event or place while exploring the heritage and identity of our local community. There will be a screening of the short films that whānau will be invited to and films can be entered into a film festival.

- How does filmmaking help us to capture the hidden stories?
- How does knowing others' stories change our 'lens'?

Reading for Success - Semester 1 - Y10

Contact: Mr Lower

The intention of this course is to offer extra support to students who need help developing their reading and writing skills. In this course, you will study a small collection of short stories, magazine articles and web-based material. Your teacher will also support you to feel more confident in your ability to understand the written material that you encounter in your other courses. Finally, you will write your own short story.

- Develop your reading confidence.
- Learn reading strategies to help you become a more successful reader.
- Enjoy more success in your other courses.
- Become a better writer.

Power of Persuasion - Semester 1 - Y10

Contact: Mr Lower

This course will teach you how to become a more confident and persuasive person. The ability to communicate effectively and persuasively is a vital life skill. Through the use of facts, logic, presentation techniques and assertiveness, you will be able to get your way in life more often. You will learn research skills, how to write and speak persuasively, how to structure and perform a debate, and most importantly, how to develop your personal confidence.

- Prepare and structure a debate in a team.
- Negotiate something with your whanau, present it to them and record it.
- Write a letter to someone such as a community leader, politician or the principal.

Health & Physical Education

Year 9 Health and Physical Education Courses

Health and Physical Education - Semester 1 - Y9 - Compulsory

Contact: Mr Thomas

You will be physically active in a range of contexts including traditional Māori games, develop your social responsibility through team sports and develop tactical awareness through a games sense approach. You will learn about the Te Whare Tapu Whā model to understand your own Hāuora, develop strategies to look after your own well-being and learn about sexuality and healthy relationships.

- Learn through and about movement to understand and appreciate movement.
- Learn how to relate positively to others, engage in movement experiences to promote physical and social skills and engage in critical thinking and action.
- Develop your understanding of factors that influence your health and well-being, build resilience and develop the decision making process.

Mathletes - Semester 1 - Y9

Contact: Mr Thomas/Dr Mohan

This course will explore how geometry and probability influence equipment, movement and success. Using your passion to develop your mathematical skills, you will get a chance to develop your ability to analyse, process, and communicate mathematical insights. This course is aimed to enable you to learn how to apply:

- Mathematical understandings in, through, and about movement.
- Mathematical understandings of geometry in design.
- Mathematical understandings of probability for predicting events.
- Collect, explore and look for relationships using data, solve problems and communicate findings.

Year 9 & Year 10 Health and Physical Education Courses

I Like to Move It - Semester 1 - Y9/10

Contact: Mr Thomas

Interested in exploring movement through Gymnastics and various genres of Dance? Keen to work with others to choreograph a routine and perform to an audience?

- Learn through movement related activities to understand and appreciate movement.
- Use movement sequences to create and learn in a group.
- Build relationships and interpersonal skills with others when working in groups.

Recreation and Leisure - Semester 1 - Y9/10

Contact: Mr Thomas

You will engage in a variety of different recreational and leisure activities. The focus will be on developing strategies for lifelong wellbeing and health through sport, recreation and leisure activities. Both team and individual sports will be used along with learner voice and interest to tailor the course to the class.

- Strategies for lifelong wellbeing.
- Developing daily/regular physical activity routines.
- Developing movement skills.

Train to Gain - Semester 1 - Y9/10

Contact: Mr Thomas/ Mrs Burton

Do you have aspirations to develop your skills to the next level in your chosen sport? Experience high performance training, set SMART goals, learn methods and principles of training as well as learning how the human body functions, how it responds to physical activity and some of the systems responsible for these changes. This course would be great for anyone thinking about training for an event or sport, for someone who likes working out or individuals who love learning about the body.

- Learn in, through, and about movement, understand and appreciate movement through specific sporting contexts.
- Develop your motor skills, knowledge and understanding of movement through the biophysical principles such as exercise physiology, anatomy, methods and principles of training.
- Learn how to collect, explore and look for relationships using sports data to solve problems and communicate findings.

Year 10 Health and Physical Education Courses

Health and Physical Education - Semester 1 - Y10 - Compulsory

Contact: Mr Thomas

You will be physically active in a range of contexts to develop your social responsibility through team sports and develop tactical awareness through a games sense approach. In Health you will extend your understanding of the Te Whare Tapu Whā model to develop strategies to look after your own well-being and learn about sexuality and healthy relationships. This will include the Mates & Dates programme.

- Learn in, through, and about movement to understand and appreciate movement.
- Relate positively to others, engage in movement experiences to promote physical and social skills.
- Develop your understanding of factors that influence your health and well-being, build resilience and develop the decision making process.

Adventure Marlborough - Semester 1 - Y10

Contact: Mr Thomas

Do you want to experience the outdoors and build your interpersonal skills? Navigate the journey through life and build confidence through a range of outdoor and adventurous activities. Your learning will take place through experiencing team building activities, personal reflections, adventure based learning opportunities both in and out of the classroom.

This course will develop your organisation, leadership, communication and interpersonal skills. Rise to the challenges of a multi day camp and enjoy sharing your adventures, challenges & achievements with others. Say YES to new adventures!

- How do I build my team building and interpersonal skills?
- How can I build my skills with an outdoors focus?
- How can I develop a better understanding of self and others whilst developing my leadership?

Hunger Games - Semester 1 - Y10

Contact: Mr Thomas

Do you like being pushed to your physical and mental limits? Learners will explore concepts associated with survival biological concepts of fear and physiological stress. This course will be a mix of practical learning and theory that will enable you to work in teams on challenges that develop your individual place in a group. You will learn to develop trust and leadership and set challenges to push your mind and body to see how you respond.

- Learn through and about movement to understand interpersonal skills in a range of team based approaches.
- Develop your knowledge and understanding of how biomechanics can improve your performance.
- Relate positively to others, engage in movement experiences to promote physical and social skills.

Languages

Year 9 Languages Courses

Relating to Others in French - Semester 1 - Y9

Contact: Mr Curnow

You will be able to acquire enough French language to communicate on a range of familiar topics and acquire enough language to manage yourself. You will do this by being exposed to a range of language on familiar topics. To show that you can do this, you will be involved in listening, speaking, reading, and writing French, and producing some digital presentations. Most of the language used will be of a transactional nature, such as providing basic information on a range of topics to others.

- Acquire French language skills.
- Be exposed to a range of language on familiar topics.
- Learn transactional language to help communicate in French.

Tanoshii Nihongo (Japanese) - Semester 1 - Y9

Contact: Mr Curnow

Konnichi wa! Ogenki desu ka? You will build active listening skills and learn how to communicate orally and in written form in Japanese to convey a variety of personal information in familiar contexts. You will learn about aspects of Japanese culture. You will be able to acquire enough Japanese language to communicate on a range of familiar topics. To show that you can do this, you will be involved in listening, speaking, reading and writing hiragana and some kanji characters.

- Acquire basic Japanese language skills.
- Be exposed to a range of language on familiar topics.
- Develop listening, speaking, reading and writing skills.

Te Whakatōtanga(Te Reo Māori) - Semester 1 - Y9

Contact: Whaea Louisa King

In this course you will be able to understand Te Reo Māori that contains well-rehearsed sentence patterns and familiar vocabulary and can interact in predictable exchanges. You will be able to read and write straightforward versions of what they have learned to say. You will develop awareness and understanding of some of the typical cultural conventions that operate in interpersonal communication. We will develop an awareness of the processes involved in learning Te Reo Māori.

- Acquire Te Reo language skills.
- Be exposed to a range of language on familiar topics.
- Develop listening, speaking, reading and writing skills.

Tūrangawaewae - Introduction to Whakapapa and Pepeha - Semester 1 - Y9

Contact: Whaea Louisa King

You will be able to understand the underpinning values of Marlborough Girls' College through learning about your own whakapapa, whānau and pepeha. You will learn key concepts around te ao Māori and whanaungatanga through learning, expanding and sharing their own. You will show manaakitanga and kotahitanga through the reciprocation of their whakapapa and pepeha therefore, finding your tūrangawaewae, your standing place, in our kura and the wider community.

Year 9 & Year 10 Languages Courses

Māori Performing Arts - Semester 1 - Y9/10

Contact: Whaea Louisa King

Do you want to engage in further your understanding of Māori culture, language, and traditional practice? Students will gain an opportunity to upskill in Māori performance as well as the history of Māori performance. We will look at Te Whare Tapere (The house of Entertainment), pastimes, games and pūrākau. This will prepare students for Te Ao Haka in the senior levels by building the foundational knowledge of Māori Performing Arts.

Year 10 Languages Courses

Learning to Survive in French - Semester 1 - Y10

Contact: Mr Curnow

Learners will be able to acquire enough French language to communicate on a range of less familiar topics and to cope in basic transactional situations in a French-speaking Country.

Learners will acquire enough language to explore French-speaking countries themselves. They will do this by being exposed to a range of language on a range of less familiar topics. They will continue to develop their ability to communicate through the four skills of listening, speaking, reading, and writing. Most of the language used will be of a transactional nature. e.g. providing basic information on a range of topics to others. They will also be able to ‘survive’ in the countries where the language is spoken.

- What do we need to know to survive in a foreign speaking country?
- How can we prepare ourselves?

Tanoshii Nihongo (Japanese) - Semester 1 - Y10

Contact: Mr Curnow

Learners will build more active listening skills and learn how to communicate in Japanese to convey a variety of personal information in less familiar contexts.

Learners will acquire enough language to explore Japan themselves. They will develop a range of tools to communicate with Japanese speakers and deepen their understanding of Japanese culture and customs. They will do this by being exposed to a range of language on a range of less familiar topics. They will continue to develop their ability to communicate through the four skills of speaking, listening, reading and writing.

- How does Japanese culture vary from New Zealand (and other) cultures?
- Why is culture important?
- Further development of communication skills

By the end of Te Tupuranga, you will be equipped to cope with a variety of routine situations when talking to speakers of Te Reo Māori. You will be able to use familiar language with some flexibility and pick up some new language from its context, read and write simple notes and short letters, and fill out simple forms. You can also use and respond to language, including directions and requests, that are likely to occur in familiar Māori settings. You will become more confident in using a range of language learning strategies.

This course is a follow on from the Year 9 course and covers an in-depth range of knowledge about identity, whakapapa, kinship, and politeness conventions. Throughout the year, you will revise and further develop simple structures in introducing yourself and further develop your mihi with the use of pepeha and broader terms and structures for whakapapa.

- How does Te Reo Māori and Māori culture shape identity and belonging in New Zealand?

Mathematics & Statistics

Year 9 Mathematics & Statistic Courses

Numbers Count - Semester 1 - Y9

Contact: Dr Mohan

Maths is a part of everyday life. Discover how to get the best bargain, decorate a room within a budget or save up for the next season's wardrobe. This course is suited to Learners who want to develop their everyday numeracy skills. This course is invitation only.

- Use number strategies to solve everyday problems.
- Use basic facts to solve problems.
- Learn how to use everyday fractions and percentages.
- Use the four operations to solve problems.

Buildings Models - Semester 1 - Y9

Contact: Dr Mohan

In an increasingly technological age, the need for innovation, problem-solving and decision-making skills, has been stressed as the necessary outcomes for education in New Zealand. This course provides the opportunity for Learners to develop these skills, and encourages them to become innovative and flexible problem solvers.

The course aims to contribute to the development of the broad range of numeracy skills.

- Develop spatial awareness and the ability to recognise and make use of the geometrical properties and the symmetries of everyday objects.
- Develop the ability to use geometrical models as aids to solving practical problems in time and space.
- Develop the ability to investigate situations that involve elements of chance by comparing experimental distributions with expectations from models of the possible outcomes.
- Learn and apply mathematical understandings of geometry and probability to predict and calculate changes in real life.

Mathletes - Semester 1 - Y9

Contact: Dr Mohan

This course will explore how geometry and probability influence equipment, movement and success. Using your passion to develop your mathematical skills, you will get a chance to develop your ability to analyse, process, and communicate mathematical insights. This course is aimed to enable you to learn how to apply:

- mathematical understandings in, through, and about movement.
- mathematical understandings of geometry in design.
- mathematical understandings of probability for predicting events.
- collect, explore and look for relationships using data, solve problems and communicate findings.

Year 10 Mathematics & Statistic Courses

Numbers Count - Semester 1 - Y10

Contact: Dr Mohan

Ever wondered how you can make sense of numbers? You will learn how to apply number skills to real-life, meaningful problems. This could involve travel around New Zealand and/or throughout the world. You will have the opportunity to interact with numeracy concepts in a way that will help you remember whilst developing a deeper understanding of the basics. This course is based on practical contexts which have been chosen to allow you to develop general problem solving (or strategic) skills in areas of activity such as designing and making, planning and organising, and choosing. This course is invitation only.

- Use number strategies to solve everyday problems.
- Learn how to use everyday fractions and percents.
- Use the four operations to solve problems.

Product Wars - Semester 1 - Y10

Contact: Dr Mohan

This course uses inquiry-based learning to collect and analyse information from peers to develop a product. Using ratio and proportion, fractions and percentages and measurement to identify suitable designs for their product.

- How market research impacts the success of a company?
- Why accurate Mathematics is essential to product development?

Record Breaker - Semester 1 - Y10

Contact: Dr Mohan

What does it take to be a record breaker? How do we measure and compare records? Learners will investigate a series of mathematical concepts and use what they have learnt to gain an understanding of the Statistics and Measurement strands of the Curriculum.

- Use statistical analysis to study different record breaking attempts.
- Complete practical activities involving measurement.

Science

Year 9 Science Courses

Earth and Beyond - Semester 1 - Y9

Contact: Mrs Burton

You will look at the structure of Earth, tectonic plates and continental drift and explore the resources that allow life to flourish on our planet. We will look at astronomical cycles such as day and night, seasons, eclipses and how these affect biodiversity and ecology. We will investigate the solar system, space travel and its' implications for future life 'off world'. Students will learn: - how the Earth's Resources enable life to flourish; - The effects of astronomical cycles on the planet and on biodiversity; - The implications of space travel and colonising other planets in the solar system.

- Why are humans fascinated by space?
- How can we better understand space?

Lean, Green and Mean - Semester 1 - Y9

Contact: Mrs Burton

Homes need to be energy efficient to save both money and the environment. You will explore key concepts about energy and energy conservation, different methods of electricity generation and renewable and non-renewable energy sources. By applying scientific principles to a creative thinking process, students will gain an understanding of how energy saving ideas can be applied to real life situations. In this course you will learn:

- What is energy?
- What are the principles of energy transformation?
- How is heat transferred, such as convection, conduction and radiation?
- How can we use design to create a warm and energy efficient building?

Mountains to Sea: Ki uta ki tai (Life on the Land) - Semester 1 - Y9

Contact: Mrs Bentley

You will explore how humans impact our environment with a focus on the mountains to the rivers and the sea. By learning how to use your understanding of mathematical, scientific and social science concepts, as well as Matauranga Māori, you will make your own conclusions regarding the sustainability of human actions. You will also get involved in Citizen Science. Humans have had major impacts on our environment. Our learning will begin on the land and then journey through freshwater and into the sea. You will make informed management decisions using their knowledge of Kaitiakitanga and Ecosystem Based Management.

You will work towards the UN Sustainable Development Goal 15 - Life on the land:

- What is the impact of human activity on mountains, rivers and oceans with a focus on plants and animals?
- How do I make a decision from other people's perspectives in order to minimise human impact on the ecosystems on the mountains, rivers and oceans?
- How do I use kaitiakitanga and ecosystem based management to inform the decision making process?

Year 9 & Year 10 Science Courses

All the Fun of the Fair - Semester 1 - Y9/10

Contact: Mrs Burton

Do you love being a scientist and carrying out experiments to try and answer a question about the world?

In the first half of this course, you will work together on a range of different types of science investigations, including fair testing, pattern seeking, and ecological surveys. These investigations will cover a range of different scientific concepts such as chemical reactions, forces and ecology.

In the second half of the course, you will use this learning to complete an investigation of your own choice to develop a project for the school Science/Regional Fair.

- How do humans investigate?
- How can we create a successful investigation?

Our Forest Treasures - Semester 1 - Y9/10

Contact: Mrs Burton

In this course you will learn about the stories and traditional uses associated with native plants. You will learn how to collect and cultivate native plants, how plants reproduce and conduct photosynthesis and how to extract the active ingredients from a native plant such as kawakawa or manuka. You will have the opportunity to develop and make a medicinal product from native plant extracts.

Train to Gain - Semester 1 - Y9/10

Contact: Mr Burton

Do you have aspirations to develop your skills to the next level in your chosen sport? Experience high performance training, set SMART goals, learn methods and principles of training as well as learning how the human body functions, how it responds to physical activity and some of the systems responsible for these changes. This course would be great for anyone thinking about training for an event or sport, for someone who likes working out or individuals who love learning about the body.

- Learn in, through, and about movement, understand and appreciate movement through specific sporting contexts.
- Develop your motor skills, knowledge and understanding of movement through the biophysical principles such as exercise physiology, anatomy, methods and principles of training.
- Learn how to collect, explore and look for relationships using sports data to solve problems and communicate findings.

Year 10 Science Courses

Mysteries of Matter - Semester 1 - Y10

Contact: Mrs Burton

Have you ever wondered what our universe is made up of? In this course you will explore the periodic table and learn all about atoms that make up everything around us. You will then explore some common applications of chemistry and chemical reactions in everyday life including metals and their properties, fuels, fire and explosions. You will also learn about some of the environmental impacts of chemical reactions including climate change and global warming.

Need for Speed - Semester 1 - Y10

Contact: Mrs Burton

Have you ever wondered how planes stay up in the air, why ships float or how our ancestors navigated the seas? In this course you will learn the science behind common transport methods including flight, high speed trains, and boats. You will learn about key concepts such as speed and acceleration, and you will start to explore key concepts associated with waves and navigating by the stars.

What's Inside - Semester 1 - Y10

Contact: Mrs Burton

Have you ever wondered what is inside of living things? In this course you will learn about the microscopic things that are inside all of us - cells, micro-organisms and genetics.

Social Science

Year 9 Social Science Courses

Mountains to Sea: Ki uta ki tai (Life on the Land) - Semester 1 - Y9

Contact: Mrs Bentley/Mr Bond

You will explore how humans impact our environment with a focus on the mountains to the rivers and the sea. By learning how to use your understanding of mathematical, scientific and social science concepts, as well as Matauranga Māori, you will make your own conclusions regarding the sustainability of human actions. You will also get involved in Citizen Science. Humans have had major impacts on our environment. Our learning will begin on the land and then journey through freshwater and into the sea. You will make informed management decisions using their knowledge of Kaitiakitanga and Ecosystem Based Management.

You will work towards the UN Sustainable Development Goal 15 - Life on the land:

- What is the impact of human activity on mountains, rivers and oceans with a focus on plants and animals?
- How do I make a decision from other people's perspectives in order to minimise human impact on the ecosystems on the mountains, rivers and oceans?
- How do I use kaitiakitanga and ecosystem based management to inform the decision making process?

Perspective Matters - Semester 1 - Y9

Contact: Mr Bond

In this course you will learn to explore past, current and controversial issues from different perspectives. Topics vary but will include aspects of Aotearoa's history and current events both nationally and around the world. These may include the Dawn Raids, Migration, Refugee Crisis and Human Rights. Through this course you will develop skills of communication, critical thinking, inquiry and collaboration. The goal is that you will develop empathy and understanding for other people's perspectives in History.

War, What is it good for? - Semester Course - Y9

Contact: Mr Bond

In this course you will explore the big issues around conflict. Find out about times of trauma, violence and unrest in early New Zealand and around the world. From Hōne Heke chopping down the flagpole in Kororāreka during the Northern Wars to the explosive conflicts New Zealand was involved in. Find out why these wars have had a lasting impact on New Zealand.

You will focus on the evolution of warfare and strategies, the personalities behind the conflicts, different weapons, and of course death and destruction during these times of conflict in the world.

- What are the causes of conflict in Aotearoa/New Zealand and worldwide?
- What are the consequences of conflict on Aotearoa/New Zealand?
- How has warfare and weaponry changed over time?
- Which leaders have been effective during times of conflict?
- How do these conflicts still affect us today?

Year 9 & Year 10 Social Science Courses

Dare to Lead - Semester 1 - Y9/10

Contact: Mr Bond

This life-skills journey will equip and empower you to tap into your full potential as a life-long leader. This course will inspire and empower you by exploring past examples of people in societies who have made an impact locally and on the world. We will look to unlock and navigate your unique skill-set to develop resilience, self awareness, improve your teamwork skills, and confidence in a variety of situations so that you understand what it really means to be, think and act like a leader. Through collaboration with the community you will use your own interests to partake in a community service project as part of a social action plan. Not tomorrow, but today!

- How have the ideas and actions of people in the past and present had a significant impact on people's lives?
- What is leadership and why does it matter?
- How can I make a difference in my community?

Ancients Alive - Semester 1- Y9/10

Contact: Mr Bond

Ever wanted to visit Zeus and the Olympians on Mt Olympus? Or what about participating in an Egyptian mummification process? This introductory course to Ancient History and Classical Studies offers you the opportunity to study the cultures of some of the world's ancient and foremost civilizations. You will explore aspects of these civilisations and examine their myths and legends, important towns and cities and the important historical events that help shape and develop them, as leading civilisations. Help bring these civilisations into the 21st Century by combining your knowledge, inquiry skills and Minecraft to recreate them.

- How do people perceive, represent, interpret, and interact with places and environments?
- How can we use gamification to develop a world that shows relationships between people and an environment of your own from ideation?
- How do people's management of resources impact the environment and social sustainability?

Mind the Gap - Semester 1 - Y10

Contact: Mr Bond

Have you thought about the gap that exists locally and globally for individuals? Learners will inquire into poverty and its causes in New Zealand and around the world. How come some places and people have it all, while others have nothing? Was it luck or skill? Poverty exists everywhere, but can anyone with effort and skill become wealthy? In this course you will learn how to interpret data, maps, and perceive how other people live. You will see the data behind the people. Learners will gain new perspectives about money and resources, and how people use them.

- How do we define and measure poverty?
- What are the causes of poverty?
- What does poverty look like in NZ and globally?
- What are the causes of wealth?
- What are resources and how do we use them?
- How do other cultures and nations look at wealth and poverty?

Money, Money, Money - Semester 1 - Y10

Contact: Mr Bond

Do you want to know how to make money work for you and be able to make informed financial decisions in your future? This Money course will provide you with the opportunity to understand the jargon adults talk about over the dinner table. The course will cover core financial literacy skills like budgeting, interest, the various bank accounts available, credit cards, exchange rates, KiwiSaver and much much more. You will also work in groups to develop a viable business idea for Blenheim. What does Blenheim need and how can you fill that gap in the market? You will be collaborating in groups to develop a business for market day. Your business will involve product design, logo, target market and a marketing plan, as well as the price and place of your business and product.

- How to manage and build financial decision making skills.
- How to equip oneself with effective money skills in your daily life and in the future.
- What are the rights and responsibilities of consumers in modern society and the wider impact of everyday consumers and financial decisions?
- To identify authentic local business opportunities, including feasibility and promotions.

Our History - Semester 1 - Y10

Contact: Mr Bond

Have you always wanted to learn about history? In this course students will explore some of the most exciting moments in our history! We will cover some of the most interesting, weird and wonderful stories from our past. Find out about moments of conflict to moments when we led the world and gave women the right to vote. We will look at case studies like the Seacliff Mental Hospital, or Minnie Dean, the only woman hanged in New Zealand. Students will get to learn about the first people to arrive in New Zealand as well as documents such as He Whakaputanga (our Declaration of Independence) and the Treaty of Waitangi, that have shaped our nation's identity. If you have enjoyed courses like War, Law and Order or Ancients Alive, this is the next step for you.

You will explore the areas of:

- Life in the 19th Century for women
- Gender roles and equality
- The fight for women's right to vote
- Human arrival and colonisation of New Zealand
- Influential groups such as whalers, sealers, traders and missionaries
- He Whakaputanga and Te Tiriti o Waitangi

Human Rights - Semester 1 - Y10

Contact: Mr Bond

Do you know what rights you have as a student in New Zealand? Do you know who has control over your life and your body? Do you know who has fought for human rights in the past? This course is a history based course all about our human rights. Students will learn about their rights and responsibilities today as well as the many struggles for human rights in the past.

In this Social Science course we will cover many interesting contexts from the Holocaust during WWII, the development of the Universal Declaration of Human Rights, the fight against the use of the death penalty in places like the USA to Malala Yousafzai and her campaign for girls to have the right to education.

This course is for those people who like learning about history and enjoyed classes like Year 9 LAW and WAR

Technology

Year 9 Technology Courses

FabLab@MGC - Semester 1 - Y9

Contact: Ms Malik

We are all about hands-on experimentation going from digital to physical. This course offers an introduction to textile fabrication. You will have the freedom to create and invent in a variety of FabLab workshops, including laser cut fabrics, experimenting with digital design using photoshop, 3D printing and more. This course will encourage you to be innovative and think outside the box. Everyone will have the opportunity to design and create their own engineered interactive product.

- How does creative technology drive change?
- How can one design idea produce many outcomes?
- How can fabrication enhance design?
- What is the role of design elements fabric manipulation and principles?

Ideas to Plate - Semester 1 - Y9

Contact: Ms Malik

Learners will get creative as we explore classic dishes through a variety of challenges. You will work collaboratively while being challenged to think outside the box. This in depth course will include nutrition, techniques, food styling skills and designing your own unique promotional material using a digital platform.

MakeHer Space - Semester 1 - Y9

Contact: Ms Malik

Do you like to create and build things? Enjoy pulling things apart to understand how they work? Come along to our MakeHer Space and do some real hands-on learning. Gain a variety of skills in your maker space which include 3D printing, 3D modeling, coding, design, soft robotics and working to manipulate a variety of materials while using the latest software for design.. Make it YOUR space.

My Taonga - Semester 1 - Y9

Contact: Ms Malik

Learners will investigate global cultures and their representation through artwork, and patterning by their own interpretation and replication through the use of digital tools and resources. While discovering global connections and personal connections, students will create their own taonga using concepts from their research and techniques taught previously, ready for a showcase.

Year 9 & Year 10 Technology Courses

Robotics Plus - Semester 1 - Y9/10

Contact: Ms Malik

We hear all the time that Robots will be integrated into our lives everywhere; whether in hospitals, factories, our homes or the agricultural industry. But aren't we already surrounded by them? What makes the washing machine go round? What makes the light in the refrigerator turn on and the Robot vacuum change direction when it's facing a wall? Understanding the internal logic of the Robots we already have will help us engineer the Robots of tomorrow. Learners will develop future focused skills in electronics, 3D design and coding to develop robots capable of completing tasks ranging from solving simple mazes to complex underwater tasks.

Warm Vibes, Cool Spaces - Semester 1 Course - Y9/10

Contact: Ms Malik

Do you like to come up with ideas for interior design? You will design and create interior solutions for our new Blenheim library. This is an exciting opportunity to re-imagine, inspire, create, include, and bring awareness to great public spaces across our town. We want to see your ideas, as ambitious, wild and bold as possible. Think as big or as small as you like without limitations. Don't hold back. This is a competition to stretch our thinking about public spaces and create ideas and new ways of thinking in an evolving space - with the winner getting to share their ideas and see it come to life in our community. Consider the components of a space/place - physical form, activity and its meaning.

- Create either the furniture, furnishings or artwork for our new library.
- Develop designs which include and demonstrate the range of cultures and identities we have in Blenheim.
- Learn fundamental drawing and digital design skills.

Year 10 Technology Courses

Food Revolution - Semester 1 - Y10

Contact: Ms Malik

Food has seen an explosion in cultural popularity in Western countries. No longer reserved to expensive restaurants, everyone can now enjoy and experience culinary delight in their own home. This course is a combination of food technology and design. You will work collaboratively to create and develop their own signature food products by working through a creative design process. You will then explore how to create a food budget, as well as explore the importance of marketing and packaging design.

- What are food trends?
- Explore sustainable packaging, and create a budget.
- How do people excel in the highly competitive culinary industry?
- Why is the nutritional and health value of food important?
- Why are the practices used in kitchens important and what role does sustainability have?

Jewellery Design - Semester 1 - Y10

Contact: Ms Malik

This is an introductory course into product design. You will create a signature piece of jewellery by using a variety of digital tools while working through the design process. You will be working with unconventional materials such as acrylic, pnp, tin and in our new MakeHER Space. Your work will be showcased at the end of the course.

You will:

- Using computer aided design for ideation and design development.
- You decide what materials you will use in the MakeHER Space - it is a facility for making, learning, exploring and sharing that uses high-tech to low-tech tools.
- Develop critical thinking skills and even boost self-confidence.
- Use the MakeHER Space to ensure your entrepreneurial skills are being utilised to bring your big idea to life.
- Have a safe space to experiment and invent, a place to make mistakes and learn from them.

Cafe Cuisine - Semester 1 - Y10

Contact: Ms Malik

Learners will have the opportunity to hone their cafe and barista skills in this hands-on course creating a food blog to showcase their beautiful design and baking skills. You will have the chance to learn the production and serving of espresso coffee using outside experts. Key learning will include recipe adaptation (biscuits, breads & cupcakes), decorative baking techniques, incorporating a theme in their designing, staging their food for final photos and documenting their design process.

Sustainable Fashion - Semester 1- Y10

Contact: Ms Malik

Learn about sustainability in the fashion industry. This will help you to develop an understanding of innovative sustainable fashion research and business practice in the fashion world, and enable you to explore what is important to you as you approach sustainability in your work. You will use fashion to drive change, build a sustainable future and improve the way we live by up-cycling a garment in a creative and thought-provoking way. You will experiment with embroidery, screen printing, bleaching and dyeing, you will document this in a portfolio.

- Why is sustainability in fashion important?
- How can we make fashion more sustainable?
- How does fashion provoke change in our world?
- What are the environmental effects of fashion?
- How can we rebuild a more sustainable fashion industry as consumers and producers?