



MOUNTAINVIEW

HIGH SCHOOL

Junior Module/POD Selection Booklet Semester 1, 2018

Please ensure that you are choosing a balanced range of subjects from the modules in this booklet.

Whilst every attempt will be made to provide students with their first choice, it may not always be possible.

LEARNING COURSES 2018 - Semester 1

Learning Module 1

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: English - Social Sciences |
|---|---------------------------------|---------------------------|--|
| Module Title: Explorers and Marauders. (Maraud) | | | Teachers: Mr Diamond and Mr Kuperus |
| <p>Have you ever wondered how early interactions between civilisations happened? Thought about what happened when European explorers set foot in the Americas? Considered why Kebab is sometimes called Souvlaki or why Potatoes are considered quintessentially Irish? In this Module we will Explore the interactions between a range of cultures and develop speaking skills through debate, VLOG, and dramatic presentations. We will study the “clash of cultures” from early times to the present day examples. You will Generate a range of texts that focus on various Speaking and Listening skills which include, but are not limited to Podcasts, Speeches, VLOGs, Documentary films, TED Talks, and Dramatic Presentations.</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: The Arts - Technology (Music) |
|---|---------------------------------|---------------------------|--|
| Module Title: Digital Discoveries (Digidisc) | | | Teachers: Mr Duncan and Mr Wright |
| <p>Why do you listen to Music? In this module you will measure how different styles of music affect our physical state? Why does this happen? What is the relationship between music characteristics and physical responses? What makes these things occur? Use digital tools to discover the secret properties of music. Learn how to build an automatic machine that is triggered by music. Present your discoveries on your OWN website! From Beethoven to Buster Rhymes, from bytes to bots - become a digital detective!</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: Science - Technology |
|--|---------------------------------|---------------------------|---|
| Module Title: e-textiles (eText) | | | Teachers: Miss Allan and Mr Bennett |
| <p>In this module you will explore basic sewing techniques and electronic circuits. You will learn how to use sewing machines, hand stitch and create from a pattern. In the science lab you will learn about electrical components and calculate current, voltage and resistance in circuits. You will apply the skills you gain to generate an item of clothing and an accessory that incorporates battery powered sewable neon glow tape or LEDs. This is not just for fashionistas. Outdoorsy types will be able to make practical items such as lights to attach to fishing vests or backpacks. There is a charge of \$15 per student to cover materials cost if you wish to take your projects home.</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: Health & Physical Education - Mathematics & Statistics |
|---|---------------------------------|---------------------------|--|
| Module Title: Sports Stats Team Oracle (Oracle) | | | Teachers: Mr McGregor and Dr Graham |
| <p>In this module we will focus on learning movement skills for a range of sports, but mostly for team sports. We will also explore how we learn these skills. To do this we will develop a series of practical experiments that measure our ability throughout the learning process. A part of each experiment will be to prove learning has happened, or how one team is better than another, by using our understanding of mathematics and statistics from the data gathered from each practical activity.</p> | | | |

LEARNING COURSES 2018 - Semester 1

Learning Module 2

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: English - Science |
|---|---------------------------------|---------------------------|---------------------------------------|
| Module Title: Footprints, Facebook, Fake News: Speaking the Truth (Ftprint) | | | Teachers: Miss Palmer and Mrs Lincoln |
| <p>Do you believe everything you hear? If you want to be challenged to think more critically, communicate effectively and understand that there is more to life than three-minute YouTube clips, 20 second snapchat and 140 characters, this module is for you. You need a willingness to learn through discovery, questioning and discussion. Things that spark a reaction will be a focus of your learning and voicing your opinion is a must. You will be rewarded with a deeper understanding of global citizenship, real world thinking and understand that by following footprints you can uncover truth. By the end of the semester, you will be able to recognise that you don't always have to accept the reality you are presented with. This module is aimed to challenge you just enough so you talk about your learning outside of the classroom and you will realise that taking this option will help you immensely in the future.</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: The Arts - Social Sciences |
|--|---------------------------------|---------------------------|---|
| Module Title: Art and Soul (Artsoul) | | | Teachers: Mr Blackie and Mr Barge |
| <p>"You use a glass mirror to see yourself, you use works of art to see your soul." (George Bernard Shaw Slavery, racism, terrorism, poverty. Why are some groups of people treated differently to others? How have some protested their situation? Explore cultural interaction and human rights, past and present to understand real world issues. Develop drawing techniques and learn new skills to create art that represents an issue of concern to you. Apply what you have learned to appreciate how art can reach the soul.</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: Science - Technology |
|--|---------------------------------|---------------------------|---|
| Module Title: A Ploughman's Lunch (PlgLnch) | | | Teachers: Ms Carson and Mrs Jacob |
| <p>In this module we will plan and explore how microorganisms and fermentation are used to produce the foods we eat. How does your body digest and grow? What is blood, cell function and DNA? What are illnesses, infections, diseases, intolerances and how do they affect the body? What are the systems existing in controlling the growth of microorganisms? What changes have occurred to preserve food and how can we kill infections? How do we feel about raising a new person with the sole purpose of helping another to survive?</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: Health & Physical Education - Mathematics & Statistics |
|---|---------------------------------|---------------------------|--|
| Module Title: The Lightning Bolt - feel the force! (Lightn) | | | Teachers: Mrs Johns and Miss Lafferty |
| <p>Have you ever wondered why you cannot run as fast as Usain Bolt. In this module we will explore data relating to the human body and how it functions. We will make sense of ideas and theories relating to physical performance. We will generate data to analyse aspects of physical performance. We will apply statistical techniques to a range of data and evaluate our findings. Can you feel the force of the lightning bolt!</p> | | | |

LEARNING COURSES 2018 - Semester 1

Learning Module 3

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: Technology - Mathematics and Statistics |
|---|---------------------------------|--------------------------------------|---|
| Module Title: How it works (Works) | | Teachers: Mr Martin and Dr Graham | |
| <p>In this module we will apply the technological processes of planning for practice and systems. We will explore hydraulics in the engineering world and generate a hydraulic device of your own design. We will continue to explore and make sense of engineering processes using mathematical principles including statistics, during this we will understand how accuracy varies and why this is important to the final product.</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: English Mathematics & Statistics |
|---|---------------------------------|--------------------------------------|---|
| Module Title: Waste Not, Want Not (Waste) | | Teachers: Ms Crosbie and Mr Gibbs | |
| <p>"UNLESS someone like you cares a whole awful lot, nothing is going to get better. It's not." (Dr Seuss)</p> <p>Have you ever thought about your relationship with waste? Have you ever wondered how much waste you produce? If so, then join us as we explore, measure, communicate, critically think and reflect upon our relationship with waste. Through a maths investigation, we will develop our statistical and probability skills to analyse local and global waste whilst enhancing our speaking and listening skills. Let's think creatively to question and to report on our relationship with waste.</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: Science, Health & Physical Education |
|--|---------------------------------|--|---|
| Module Title: Smash it! (Smash) | | Teachers: Mr Bennett and Mrs Graham | |
| <p>In this unit we will explore the P.E. skills of Catching, Throwing and Hitting and through sports such as cricket, softball, tennis, volleyball, touch, ultimate frisbee and field events. In order to apply these skills it will be helpful to evaluate how our respiratory, circulatory, muscular and skeletal systems work. This will involve activities such as dissections, fitness testing and making models to make sense of how our bodies work.</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: Social Sciences - The Arts (Drama) |
|---|---------------------------------|--|---|
| Module Title: Step into My Shoes (Myshoes) | | Teachers: Mrs Lincoln and Mr Duncan | |
| <p>Have you ever wondered how refugees feel? Why are we building walls to keep people out? Would you like to use Drama and Social Studies to explore the importance of people and culture? Do you want to understand why, in the 21st century, we still have refugees, why culture is so important. Using a variety of different communication methods you will develop your critical thinking skills and explore the art of storytelling. Be creative and tell us a story through drama, video, art, music or animation. So why don't you, " Step into my shoes and walk the life I'm living and if you get as far as me you will see how strong I really am".</p> | | | |

LEARNING COURSES 2018 - Semester 1

Learning Module 4

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: Social Sciences - English |
|---|---------------------------------|---------------------------------------|--|
| Module Title: Stand Up for Your Rights (Rights) | | Teachers: Mrs Barge and Miss Campbell | |
| <p>Explore human rights issues in the Middle East as well as a chosen context through debate, text and media. Make sense of how and why people stand up for their rights and the lengths they will go to maintain their freedom and access to resources. Apply what you have researched on a human rights issue to generate a text that allows you to stand up for people's rights.</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: English - Technology |
|---|---------------------------------|------------------------------------|---|
| Module Title: A symbol life-txt decoded© (Symbols) | | Teachers: Miss Allan and Ms Palmer | |
| <p>The world is evolving rapidly. 190 new iOS emoji may have just been released, but symbols have been around since your ancestors started painting on cave walls. Symbols can be words, sounds, gestures, ideas or visual images that represent something. In this module you will explore and create links between different concepts and experiences as you decode the world around you. Netlingo, images, culture, advertising and evolving your own brand will be a focus of this module. There are limitless possibilities TBH but you will develop important skills in research, design, creative thinking, prototyping and communication. Be prepared for innovative thinking as you become more aware of how emojis took over the world.</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: Social Sciences - Health & Physical Education |
|---|---------------------------------|------------------------------------|---|
| Module Title: Sports of the world (Sports) | | Teachers: Mr Kuperus and Dr Graham | |
| <p>In this module we will study a range of countries and the sports that are most popular in each. During this we will explore background of the commonwealth games, how the games came to exist, and what the "commonwealth" actual is. During our PE time we will focus on playing and developing sporting skills across a number of sports, particularly those that rely on team cohesion and strategy. Later in the semester we will consider inequality in sport, in particular gender inequality.</p> | | | |

| Semester: 1 | Focus 5: Culture & Diversity | Focus 6: Relationships | Learning Areas: Mathematics and Statistics - Science |
|---|---------------------------------|---------------------------------------|---|
| Module Title: The lottery of life...is it down to chance? (Chance) | | Teachers: Ms Charteris and Mr Lincoln | |
| <p>What is the chance of rolling a six. What is the chance of having curly hair or brown eyes. During this module students will explore aspects of the natural world, natural selection and inheritance and use probability and statistics to begin to make sense of information they collect. Students will also learn how to present and interpret information to look for connections. Is it just luck? What chance do you have? How do you increase your chances?</p> | | | |

LEARNING PODS 2018 - Semester 1A

| Semester: 1A | Focus 1: | Learning Areas: Digital Technologies |
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| POD Title: Games Development (Games) | | Teacher: Mr Wright |
| POD Description: Develop, plan and build your own computer game. Explore different types of games, while planning and designing your own. You will learn programming techniques, design concepts, and testing methods. | | |

| Semester: 1A | Focus 1: | Learning Areas: Digital Technologies |
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| POD Title: Robotics (Robots) | | Teacher: Mr Wright |
| POD Description: Make robots, fly drones and invent. You will explore electronics and different robots, while learning about programming. Race robots, solve challenges as you make sense of the different systems and components involved. | | |

| Semester: 1A | Focus 3: Culture and Diversity | Learning Areas: Social Science - History |
|--|--------------------------------|---|
| POD Title: Warfare in the age of the sword (Sword) | | Teacher: Mr Wulff |
| POD Description: Warfare is one way in which a society expresses its cultural identity. Sparta, for example, organised its society to produce an elite warrior class. We will look at ways in which Greeks, Romans, Franks and Saxons expressed themselves in warfare. You will create your own ideal warrior. Warfare has also brought about innovations that changed our world. We will look at famous battles where thinking in ways beyond the normal brought victory. You will be given a battle scenario from which to develop your own strategy to win. We will also consider the consequences of victory and defeat on societies and on the overall course of our historic past. You can plan your own Roman Triumph to publicise the results of your victory and proclaim its significance. | | |

| Semester: 1A | Focus 3: Culture and Diversity | Learning Areas: Social Science - Classical Studies |
|---|--------------------------------|---|
| POD Title: Living in Ancient Greece or Rome (Ancient) | | Teacher: Mr Wulff |
| POD Description: Learn what it was like to live in Ancient Greece or Rome. You will come to understand what it meant to be a citizen of a society built upon slavery. What work you would have done? How were women treated? What family life, housing, furniture and clothing was like? In what ways were you educated or entertained? What values and beliefs you might have held? To what degree religion and government were important? The benefits and problems of ruling a world empire? | | |

| Semester: 1A | Focus 1: Culture and Diversity | Learning Areas: Social Science - Geography |
|---|--------------------------------|---|
| POD Title: The Amazing GeoRace (GeoRace) | | Teacher: Mrs Barge |
| POD Description: Have you ever wanted to travel the world? Learn about different countries and cultures? What skills could you bring to your team as you compete in a series of challenges ? Explore your way around the world as you design your own GeoRace overcoming obstacles and working your way through roadblocks as you go. See if your team can win the Amazing GeoRace. | | |

LEARNING PODS 2018 - Semester 1A

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| Semester: 1A | Focus: Culture & language | Learning Area: Languages |
| POD Title: Beginner's Spanish (Full Year) (Spanish) | | Teacher: Miss Campbell |
| POD Description: This is a full year course that will introduce students to Spanish language and culture. Ideally, students who take this course have little or no previous knowledge of this subject. Students will learn how to communicate in basic Spanish on various topics of interest | | |
| Semester: 1A | Focus: Speaking & Listening | Learning Area: Languages |
| POD Title: Experienced Spaniards (Full Year) (Spanish) | | Teacher: Miss Campbell |
| POD Description: This is a full year course that builds on what you have learnt previously in Spanish. You will build on your understanding of Spanish language through choosing areas of the culture that interest you such as sports, food, family life, teenage lifestyles and travel. | | |
| Semester: 1A | Focus 1: Culture and Diversity | Learning Areas: The Arts (Performing) |
| POD Title: The Jungle Book (Jungle) | | Teacher: Ms Smith/Mr Duncan |
| POD Description: This is a half year course (full semester) that will allow junior students to be part of the school musical for 2018, Disney's Jungle Book. Students need to be prepared to be involved on stage for the performance - no prior experience is required. (The only exception to on stage is for instrumentalist who want to be considered for the band/orchestra - they can talk about this with Mr. Duncan) This POD will culminate in a 'season' of performances at the end of semester 1. It is preferable that students select this for both of their PODS with the exception of language students. | | |
| Semester: 1A | Focus 1: Culture and Diversity | Learning Areas: Food Technology |
| POD Title: Meat and Veggies (Veggies) | | Teacher: Mrs Jacob |
| POD Description: Explore all food groups and why is it important to have all four food groups included in your daily food menu. You will also look into the advantages and disadvantages of adding or deleting any food groups and importance of meat and veggies in your diet. You will understand why certain culture have meat alternatives and veggies in their diet. In the end you will plan a menu, prepare and present one of the dishes in class for your chosen stakeholder from another culture. This POD is an opportunity to sharpen your knife handling skills. | | |
| Semester: 1A | Focus 1: Identity | Learning Areas: Mathematics |
| POD Title: Go Forth... (GoForth) | | Teacher: Mr Johnson |
| POD Description: What if we couldn't multiply numbers using today's algorithms?? This POD will EXPLORE, MAKE SENSE of, and EVALUATE different methods of multiplication used around the world throughout history. | | |
| Semester: 1A | Focus 1: Identity | Learning Areas: English |
| POD Title: Read and Feed (Read) | | Teacher: Mr Diamond |
| POD Description: The Library - humankind's last sanctuary in a cold and desolate world, where movies and video games dominate the entertainment landscape. Fear not! We will use our right to freedom of assembly and share two of life's simplest pleasures, reading and eating. We will explore a range of different fiction and spend quality time reading, and discussing, books. If you love to read, or want to love to read, this is a must take course! | | |

LEARNING PODS 2018 - Semester 1A

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| Semester: 1A | Focus 1: Identity | Learning Areas: Physical Education |
| POD Title: Fun and Fitness (Fitness) | | Teacher: Mr Phillips |
| POD Description: This POD will look at fun ways we can get and keep fit. You need to be prepared to come with a "let's get stuck in" attitude. The more effort you put into this POD the more you will enjoy it. Ideal for those who want to get and maintain fitness. | | |

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| Semester: 1A | Focus 1: | Learning Areas: Biotechnology |
| POD Title: White Gold (WhiteGold) | | Teacher: Miss Allan/Mr Jones |
| POD Description: The dairy industry is a key contributor to the New Zealand economy. We will be exploring and making sense of the science and technology associated with milk production and use. | | |

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| Semester: 1A | Focus 1: | Learning Areas: Careers |
| POD Title: Careers-The Places You'll Go. (Careers) | | Teacher: Ms Shears |
| POD Description: Year 9 students only. Deciding what you'll do when you leave school can be exciting and scary. There are so many opportunities out there in the world and so many occupations to choose from. In this POD you will begin exploring what a career is. You will begin by identifying your unique skills, interests and values, and how these connect to different occupations. You will also investigate an occupation that interests you and construct a plan on how to prepare yourself for that career pathway. NOTE: Compulsory for all year 9 Students during a POD at some stage of the year. | | |

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| Semester: 1A | Focus 1: | Learning Areas: Languages |
| POD Title: Beginner's Māori (Full Year) (Maori) | | Teacher: Mrs Haua |
| POD Description: This is a full year course in Te Reo Māori that introduces the students to the Māori language including aspects of customs and protocols and culture. Students taking this course will have had little or no experience or knowledge of this subject. Students will learn basic pronunciation and vocabulary, grammatical structures on various topics of interest in their world, and learn to communicate using these structures. | | |

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| Semester: 1A | | Learning Areas: Languages |
| POD Title: Advanced Māori (Full Year) (Maori) | | Teacher: Mrs Haua |
| POD Description: This is a full year course in Te Reo Maori building on what was learnt previously in this subject. Topics covered will include in-depth studies of Whānau (Family) and Whakapapa (Family tree), Kai (traditional Māori food), the world they live in, traditional hui – meetings/events, travel, sport. More emphasis will be placed on communicative language and oral competency. | | |