

YEAR

12

Level 2 Course Options

THE ARTS

The Arts (Mrs Owens)

Photography - Design - Painting

What are these subjects about? Developing a personalised body of work that explores your own interests, cultures, beliefs and ideas through different fields of Visual Arts.

What will it lead to? Creative pathways - professional photographer, graphic designer, animation, advertising, multimedia designer, web designer, illustrator, art director/curator, artist.

What do I need to be successful? Passion for the arts, willingness to embrace and value own self, community and culture, independence, creative thinking and reflection, good communication skills.

What will I learn? How to develop and extend your ideas through exploration, core skills and techniques in painting/photo/design, communicating ideas, artist model research, putting together a purposeful body of work.

The Arts (Mrs Owens)

Visual Arts Unlimited

What is this subject about? This course is a mixture of PTG, PHOTO & SCULPTURE internals looking at 2D art and how this can transform into a 3D space. Learners have the opportunity to stay in this course for a full year and potentially work towards the folio board.

What will it lead to? Creative pathways - professional photographer, graphic designer, animation, advertising, multimedia designer, web designer, illustrator, art director/curator, artist.

What do I need to be successful? Passion for the arts, independence, creative thinking and reflection, good communication skills.

What will I learn? How to develop and extend your ideas through exploration, core skills and techniques in painting/photo/sculpture, communicating ideas, artist model research, putting together a purposeful body of work.

The Arts (Mrs Owens)

Design and Visual Communication

What is this subject about?

This course is about using graphics to explore and communicate design ideas that can be developed into prototypes/models and products.

What will it lead to? Architecture, Design, Engineering, Creative Design, Industrial Design, Technologist, Product Design, Spatial Design

What do I need to be successful? Creativity, an interest in design and creating new products, being hands on, independence, willingness to ask questions and have a go at problem solving, collaborative mindset

What will I learn? Tech practice - examining the practice of others and undertaking your own. Tech knowledge - understanding how and why things work. Nature of Tech - the impact on society/environment and the values different people from different times have.

The Arts (Mrs Owens)

Drama

What is this subject about? Drama is about expressing yourself in a safe environment. It gives you the chance to develop skills beyond education and explore yourself through different characters, techniques and genres.

What will it lead to? A career in theatre, film, production, directing and television, it also helps you to develop further as an individual, giving you the chance to develop social skills, problem solving and the ability to work as a team player.

What do I need to be successful? Willingness to develop confidence, to take risks and to work with other people. It's all about having a positive attitude.

What will I learn? Gain knowledge in performance and acting, learn about different genres of theatre and performance, explore published scripts and writers and also get the chance to learn about some very influential theatre practitioners in the industry.

Dance

What is this subject about? Dance is expressive movement that has intent, purpose and form. You will integrate thinking, moving and feeling to express personal, group and cultural identities.

What will it lead to? Further dance studies, choreography, performance, leadership roles, teaching and instructing, Arts administration for dance/theatre, the skills you develop in Dance can be applied in any career you wish to pursue.

What do I need to be successful? Willingness to develop confidence, to take risks and to work with other people, positive attitude, openness to express yourself through movement.

What will I learn? Elements of dance, vocab, processes and technologies that express the different identities, interpreting and conveying artistic ideas and strengthening social interaction, skills in performance and choreography, responding to different genres and histories of dance.

The Arts (Mrs Owens)

Practical Music with Technology - Music

What is this subject about? Practical Music with Technology is about making music - as a soloist and as a member of a group. Music is about researching topics, composing and creating arrangements as well as performing.

What will it lead to? Musicology studies, composing, teaching - coaching - instructing, music production, promotion and marketing, musician - performance as a musician.

What do I need to be successful? Passion for music, willingness to develop confidence and collaborate with others, dedication and commitment, openness to have fun and develop your sense of self.

What will I learn? By making, sharing and responding to music, you will contribute to the cultural life of AC, whaanau, peer groups & the community.

ENGLISH



What is this subject about? English is about learning to use and enjoy language and literature. It is about connecting to others and communicating ideas.

What will it lead to? Careers in Business, Education, Law, Media, Defence, Science, Technology, Entertainment, The Arts and, in fact, any job that requires effective communication.

What do I need to be successful? A positive attitude, an open mind and the determination to finish tasks.

What will I learn? By engaging with rich texts learners will become skilled and sophisticated writers and readers, presenters and viewers, speakers and listeners who think critically.

English (Ms Langton)

English Language Support

What is this subject about? This course is designed for learners for whom English is their second language. It is designed to support learners in the practical aspects of English language acquisition.

What will it lead to? Further study or any career path that requires effective communication and literacy.

What do I need to be successful? A positive attitude and the determination to practise skills and complete tasks.

What will I learn? Vocabulary, language conventions, reading, writing and speaking skills.

HEALTH & PHYSICAL EDUCATION

Health and Physical Education (Miss Snelgrove)

Growing Great People

What is this subject about? How can I use physical activity as a platform to grow? Involves interacting effectively with a diverse range of people in a variety of contexts, to develop as an individual and a leader to make a difference in the lives of others.

What will it lead to? Sport coaching, management and officiating, teaching and leadership roles.

What do I need to be successful? Willingness to accept and embrace challenges to aid with personal and social growth and development.

What will I learn? Develop understanding and application of lifelong values and skills, leadership as a concept specifically processes involved, implementation and evaluation.

Health and Physical Education (Miss Snelgrove)

Health and Physical Education Unlimited

What is this subject about? Planning your own learning journey using a personalised context with driving questions to achieve this through researching, problem solving and critical thinking in authentic contexts related to Health and Physical Education.

What will it lead to? Health science, health promotion, community based health services, counselling, sport and recreation, rehabilitation services & teaching.

What do I need to be successful? Personal attitudes and values that reflect positive self improvement that can be applied within the real world. An interest in real issues that have an impact on the daily lives of people in society and a desire to want to work towards minimising these issues.

What will I learn? Engage in critical thinking, challenging assumptions and taking action to make a difference for yourself and others in the world you live in.

Health and Physical Education (Miss Snelgrove)

Outdoor Education

What is this subject about? Engage in a wide range of outdoor experiences as you continue to develop your outdoor skills and knowledge.

What will it lead to? Sport and Recreation majoring in Outdoor Education. Employment options could include outdoor instructing/guiding, outdoor tourism and working for the Department of Conservation.

What do I need to be successful? Application of four expectations to ensure success: attendance, attitude, effort and equipment.

What will I learn? Develop confidence in yourself, self-management skills, leadership and communication skills, practical and interpersonal skills, and work with others co-operatively and collaboratively in a range of outdoor settings.

LEARNING LANGUAGES

Learning Languages (Whaea Kata)

Te Reo Māori - Niuean - Samoan - Japanese - Spanish

What is this subject about?

Te Reo Māori, Niuean, Samoan, Japanese and Spanish.

What will it lead to?

By learning an additional language and its related culture(s), learners come to appreciate that language and culture, and transfer those skills of communication to apply to everyday life.

What do I need to be successful?

To have a desire and interest to learn another language. To have an open mind and heart to understanding own and others cultures and identities.

What will I learn?

Learners will learn about the relationships between different words and different structures. Learners will also learn to appreciate other cultures and identities.

MĀTAURANGA
MĀORI

Mātauranga Māori (Whaea Jaime)

Te Ohanga Hauora

What is this subject about? Maori Health Science through a Kaupapa Maori lens & Mātauranga Maori. Providing the ability to walk in both worlds - Pakeha & Maori.

What will it lead to? Clinical or non-clinical pathways, medicine/ Rongoa, health promotion, psychology, physiology and community based health services/ hauora, environmental roles/ Te Taiao.

What do I need to be successful? Passion to make a positive difference for Te Iwi Maori and nga Taonga Maori

What will I learn? Human Anatomy in relation to Tikanga Maori, Earth Science/ Papatuanuku/ Te Taiao & Sustainability/ Kaitiakitanga

MATHEMATICS & STATISTICS



Mathematics and Statistics (Mr Gul)

Calculus

What is this subject about? Thinking strategically and logically to solve problems and make sense through Mathematical skills of the world in which we live.

What will it lead to? Possible pathways that this course leads to are engineering, computing, architecture and medicine.

What do I need to be successful? Show confidence in calculation, application of Mathematical skills to the real world and perseverance

What will I learn? Learners will be engaged in problem solving which will develop important thinking skills. Learners will also explore and use patterns and relationships in solving problems.

Mathematics and Statistics (Mr Gul)

Statistics

What is this subject about? Thinking creatively and critically to carry out an statistical investigation and making sense of the collected data.

What will it lead to? Possible pathways that this course leads to are research analyst, business and sports science

What do I need to be successful? Interpret data, thinking behind the data and showing creativity and enterprising in the report.

What will I learn? Learners will be engaged in research, experiment and using data to write an statistical report. They will learn to predict outcomes and justify the conclusion.

Mathematics and Statistics (Mr Gul)

Mathematics

What is this subject about? Using patterns and relationships in data to solve problems and use statistical investigation to make sense of the world in which we live.

What will it lead to? Possible pathways that this course will lead to are data entry assistant, service technician and nursing.

What do I need to be successful? Write equations and use software to do the calculations and write statistical report using PPDAC cycle.

What will I learn? Learners will be engaged in solving problems using systems of equations and linear programming. Learners will write an statistical investigation report.

SCIENCE



Alfriston
college

Science (Mr Caine)

Biology

What is this subject about? Investigating, understanding and explaining how the living world works and how organisms act and interact with other organisms, species and the environment, both currently and over evolutionary time.

What will it lead to? Careers in all areas of the health sciences including nursing, midwifery, medicine, primary industries, horticulture, aquaculture, viticulture food science and technology, agri-science, environmental science, waste management, public health, animal care, welfare and management.

What do I need to be successful? Curiosity about life, abstract and analytical thinking, perseverance, good literacy.

What will I learn? How organisms and biological systems have evolved over time, how humans can manipulate, alter and disrupt these systems, how humans and other organisms interact with each other and the environment.

Science (Mr Caine)

Chemistry

What is this subject about? Investigating, understanding and explaining how the material world works and how we interact with structures, materials and matter in organic, modern and quantitative chemistry and chemical systems.

What will it lead to? Careers in all areas of the health sciences including nursing, midwifery, medicine, dentistry, pharmacology, roles in manufacturing and processing, food science and technology, agri-science, environmental science, waste management, public health.

What do I need to be successful? Curiosity and problem solving skills, perseverance, analytical and abstract thinking, good literacy and numeracy.

What will I learn? How the principles of chemistry apply to simple and complex materials and reactions in the man-made and natural world to develop a deep understanding of how and why matter and particles behave as they do.

Science (Mr Caine)

Physics

What is this subject about? Investigating, understanding and explaining how the physical world works and how we interact with electricity, magnetism, forces, motion and nuclear physics.

What will it lead to? Careers in all forms of mechanical, civil and electrical engineering, manufacturing and production, trades (especially electrical and construction), service technicians, automotive and aeronautical technicians, all fields of science and medicine.

What do I need to be successful? Curiosity and problem solving skills, perseverance, analytical and abstract thinking, strong numeracy.

What will I learn? How the principles of physics apply to simple and complex objects and situations in the man-made and natural world to develop a deep understanding of how and why they work as they do.

Science (Mr Caine)

Infinite Science

What is this subject about? This is where the three sciences meet and cross over and can help to provide explanations for how organisms and systems of all scales interact with each other and sustainable solutions for some current issues.

What will it lead to? Careers in environmental sciences, management and health, primary industries, horticulture, aquaculture, viticulture, food science and technology, agri-science, waste management, public health, animal welfare, geoscience, land and resource management.

What do I need to be successful? Curiosity about life and the universe, why systems behave the way they do, abstract thinking, perseverance, good literacy.

What will I learn? How to collect and interpret information, analyse issues and propose solutions. How the ocean and atmospheric systems work and how geological events are dated. How astronomical events influence Earth.

SOCIAL SCIENCES

Social Sciences (Mrs Patrix)

Countries in Conflict

What is this subject about?

Developing an understanding of global politics by engaging in research, problem solving and critical thinking.

What will it lead to?

Further study in History and later careers in law, sociology, journalism, teaching, public relations and human resources.

What do I need to be successful?

Research skills, curiosity, literacy (requires reading and writing), interest in history and understanding events of the past.

What will I learn?

A key focus of this course is the emergence of Communism in Russia and the Cold War Conflict in the context of the Vietnam War.

Social Sciences (Mrs Patrix)

Ancients Greeks & Romans

What is this subject about?

Developing an understanding of ancient Greece and ancient Rome and how these societies have helped to develop modern civilisation and culture.

What will it lead to?

Further study in Classical Studies and later careers in journalism, teaching, public relations and research fields.

What do I need to be successful?

A love of literature and reading as we will be delving into the ancient world through the works of ancient historians, poets and philosophers. Time management.

What will I learn?

Contexts for learning could include The Odyssey, the Olympic Games, Pompeii, Roman politics and many more significant events and people from the ancient world.

Social Sciences (Mrs Patrix)

Enterprise

What is this subject about?

Developing an understanding of the theoretical and practical features of running a business.

What will it lead to?

Running your own business, plus careers in sales and marketing, management , human resources and academic study at a degree/diploma level.

What do I need to be successful?

Like any successful business, a willingness to work hard and learn new things is essential. Because these are real products, the owners get to keep any profits they make. You also need to be a good team player.

What will I learn?

Learners will build knowledge on the NZ economy, start their own businesses, invest, design, produce and sell a product.

Social Sciences (Mrs Patrix)

Economics

What is this subject about?

Exploring questions such as: Why do people buy the stuff they do and act the way they do? Why do we have a minimum wage and what happens when a country does not? Why do we need to pay taxes?

What will it lead to?

Further study in Economics. Anything from businessperson to Finance Pro to Accountant is open for you.

What do I need to be successful?

Inquisitiveness: ask questions, even the awkward ones. Plus resilience and time management.

What will I learn? Demand and supply; how addiction and economics are connected; how unemployment affects young people and how economics affects the environment and what you can do about it. Oh, and why is the price of petrol so high!

Social Sciences (Mrs Patrix)

Social Sciences Unlimited

What is this subject about?

Researching, problem solving and critical thinking in authentic contexts to develop an understanding of New Zealand society and the global community.

What will it lead to?

Further study in the Social Sciences and later careers in journalism, teaching, public relations, politics, psychology and legal fields.

What do I need to be successful?

Passion for raising questions and investigating how things really are in the social world. Time management.

What will I learn?

Contexts for learning will be personalised and may include learning from the Legal Studies, Religious Studies, Sociology, History, Geography, Psychology, Pacific Studies and Social Studies domains. Design your own course with 2 Learning Leaders.

TECHNOLOGY

Technology (Mrs Matthews)

Digital Technology - Food Technology - Technology Product Design

What is this subject about? Learning how technology works, and how you can use that knowledge to solve problems. (Digital, Foods and Multi Materials)

What will it lead to? Food Technologist, Engineers, Programmers, Hospitality careers, Trades careers, ICT careers, good all round problem solvers

What do I need to be successful? Have a can-do attitude, an interest in how things work, enjoy creating products that fit a clients needs and wants and the wish to see things through to the finish.

What will I learn? A variety of skills and knowledge through testing and trialling, practical skills and learning how things work.