



KARIONG MOUNTAINS

HIGH SCHOOL

UNITY  KNOWLEDGE  RESPECT

STAGE 5

ELECTIVE GUIDE

2022

YEAR 9 2022

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Record of School Achievement (RoSA)

Students in Stage 5 no longer sit for a School Certificate, but instead must meet the requirements of a RoSA. This award is issued to students when they leave school prior to gaining a HSC. It is a record of their achievements in all courses studied up until that time.

Full details of the NESA, Teaching and Education Standards Stage 5 Syllabuses can be found on the website (<https://www.educationstandards.nsw.edu.au/wps/portal/nesa/home>). Also on the website are the RoSA Rules in the Assessment, Certification and Examination (ACE) Handbook.

In order to meet the requirements for the RoSA in Stage 5, you must:

- study an approved pattern of courses
- have a satisfactory record of attendance and application in each course
- satisfactorily undertake the assessment program for each course.

Mandatory Courses and Patterns of Learning

The pattern of required indicative study hours for Years 9 and 10 is shown below:

	Hours Per Year	
	Year 9	Year 10
English	125	125
Mathematics	125	125
Science	100	100
History	50	50
Geography	50	50
PDHPE	75	75

These subjects must be successfully completed over each of Years 9 and 10.

Elective Patterns

At Kariong Mountains High School, students study three 100 hour electives across Years 9 and 10. One elective must be studied for 200 hours. Changing an elective can only occur up to Week 4, Term 1.

Students have the option of selecting a VET course(s) in Years 9 and 10. These courses lead to both HSC and TAFE qualifications.

Disclaimer

At the time of publishing, 9/10 Stage 5 elective subjects will run for 200 hours (both Years 9 and 10), unless NESA and Department of Education guidelines change.

BOARD DEVELOPED / ENDORSED COURSES



Please Note:

The following electives are those that our school is able to offer to students due to staff expertise, interest and facilities. It is not possible, however, for all of these electives to run in 2022.

Student choice will drive the final elective offerings. Only those electives with sufficient student numbers will be presented on the three elective lines for final decision-making.

The Principal reserves the right to make the final decision about which electives will be offered in 2022.

Aboriginal Studies

Aboriginal Studies enables students to gain an understanding of past, present and future Aboriginal culture and heritage. It allows students an opportunity to learn how to empathise with others and appreciate different cultures. There is a rich cultural heritage surrounding Kariong and this will also be explored in Aboriginal Studies.

What will students learn about?

Students learn about the contributions and significance of Aboriginal Peoples and their cultural expressions, including in the visual and performing arts, language and spirituality. Students study the interaction between Aboriginal and non-Aboriginal people and communities and the sharing of cultural identity. Students gain understanding of the contributions of Aboriginal Peoples to the development of Australia and its identity.

Students also learn about a range of factors that influence attitudes towards Aboriginal Peoples and their cultures and the effects of these attitudes. This can include the influence of the media on the development of attitudes, and students will analyse the effects of stereotyping attitudes on Aboriginal Peoples and communities.

This course would suit students with interests in:

- Aboriginal culture and heritage
- social and Australian history
- building a positive image of reconciliation.

Student assessment will be based on:

- Class and field work, research assignments and tests.

There are NO fees for this course

Building and Construction

The study of Industrial Technology provides students with opportunities to engage in a diverse range of creative and practical experiences using a variety of technologies widely available in industrial and domestic settings. They develop knowledge and understanding of materials and processes. Related knowledge and skills are developed through a specialised approach to the tools, materials, equipment and techniques employed in the planning, development, construction and evaluation of quality practical projects and processes. Critical thinking skills are developed through engagement with creative practical problem-solving activities.

What students learn and create:

- Workplace Health and Safety – Risk Management
- Industry links and practices
- Use of machinery, tools and mixed industry related materials (*e.g. concrete*)

COURSE COST: \$55

Child Studies

This course is designed to develop the students' knowledge and appreciation of the physical, emotional, intellectual and social stages of growth and development of the young child and the needs that are associated with these stages of development. This will provide a basis for future parenting and/or current contact with children.

This course would suit students with interests in:

- Pursuing a child care career pathway upon leaving school
- Babysitting
- Early childhood teaching

Student assessment will be based on: A range of theoretical and practical tasks.

There are NO fees for this course

Commerce

Commerce enables young people to develop the knowledge, understanding, skills and values that form the foundation on which they can make sound decisions about consumer, financial, legal, business and employment issues.

What will students learn about?

Commerce provides the knowledge, skills, understanding and values to make sound decisions on consumer, financial, business, legal and employment issues. The emphasis is on real life examples rather than a theoretical approach. The course aims to prepare students for life after school as a consumer, citizen and worker.

This course would suit students with interests in:

- Being an informed consumer with skills in financial management
- Business activities
- Managing money
- Legal issues.

There are NO fees for this course

Dance

Dance provides students with opportunities to experience and enjoy dance as an art form as they perform, compose and appreciate dance. In an integrated study of the practices of performance, composition and appreciation, students develop both physical skill and aesthetic, artistic and cultural understandings. The course enables students to express ideas creatively and to communicate physically, verbally and in written forms as they make, perform and analyse dances and dance forms.

Dance Continued

What will students learn about?

All students study dance performance, composition and appreciation. They will learn about the elements of dance (space, time and dynamics) and how they are used in, and link, the three practices. They will learn about performing dances with an awareness of safe dance practice, dance technique and performance quality. They will learn about how dance expresses ideas, feelings and experiences as they construct dance compositions to communicate ideas. They learn about people, culture and society as they study and analyse dance performances, compositions and dance works of art.

What will students learn to do?

Students will learn to develop an articulate body as they perform a range of dances in a variety of styles with a working knowledge of safe dance practice. They will learn to structure movement as they compose dances to express their ideas, feelings and experiences. They will learn to use the language of dance and to describe movements using the elements of dance as they view, discuss, read and write about dance. Drawing from their experiences gained in performing, composing and appreciating dances, they will learn to make connections between the making and performing of the movement and the appreciation of its meaning.

There are NO fees for this course, however, there may be costume fees associated with performance events.

Design and Technology

Students demonstrate skills in innovation and enterprise in their project work. They use techniques when communicating designed solutions to a range of audiences. They will develop a range of ICT skills and have the ability to select appropriate ICT applications to develop documentation for project work and communicate designed solutions.

What will students learn about and do?

- The design and development of varied solutions to given design situations and briefs.
- Modelling, prototyping, marketing, research and development.
- 3D printing, laser engraving and the use of Computer Aided Design programs.
- Workshop production skills and the manipulation of machine, power and hand tools.
- Designing and graphical communication skills.

COURSE COST: \$45

Drama

Drama is a dynamic and practical subject which explores the elements and forms which have shaped performance throughout history. Students learn about the elements of drama through:

- Making drama, from play building exercises to style workshops
- Performing drama and contributing to dramatic performance in all areas including acting, production, direction and technique

Drama Continued

- Appreciating drama, through watching, viewing and studying various popular drama forms. Appreciation also comes from students revising their own work
- Working with others to develop problem solving skills, stage presence and confidence.

What will students learn about?

The 100 hour course explores units of playbuilding, a specific style of theatre performance and a close appreciation of a playscript. The 200 hour course provides more detailed insights into theatre performances and develops key theatrical skills. These units include:

- Studying playwrights such as Stanislavski, Meyerhold and Brecht
- Exploring contemporary Australian theatre
- Theatre styles such as melodrama, circus skills and clowning, slapstick and commedia dell'arte
- Developing and producing full theatre performance including acting, directing, set design, lighting design and stage management.

What will students learn to do?

Drama is a subject which helps students develop interpersonal and communication skills. Students also develop skills in public speaking which is useful in any employment field.

This course would suit students with interests in:

- Acting
- Sound and light management
- Event management
- Directing

COURSE COST: _____ \$12

Engineering

The study of Engineering provides students with opportunities to engage in a diverse range of creative and practical experiences using a variety of technologies widely available in industrial and domestic settings. They develop knowledge and understanding of materials and processes. Related knowledge and skills are developed through a specialised approach to the tools, materials, equipment and techniques employed in the planning, development, construction and evaluation of quality practical projects and processes. Critical thinking skills are developed through engagement with creative practical problem-solving activities.

What students learn about and create

- Structures and Mechanisms
- Alternative Energy or Transport
- Control Systems or School Based Focus Area

There are NO fees for this course

Food Technology

The study of Food Technology provides students with a broad knowledge and understanding of food properties, processing, preparation and their interrelationship, nutritional considerations and consumption patterns. It addresses the importance of hygiene and safe working practices and legislation in the production of food. Students will develop food-specific skills, which can then be applied in a range of contexts enabling students to produce quality food products. It also provides students with a context through which to explore the richness, pleasure and variety food adds to life and how it contributes to both vocational and general life experiences.

What will students learn about?

Students will learn about food in a variety of settings, enabling them to evaluate the relationships between food, technology, nutritional status and the quality of life. The following focus areas provide a context through which the core (Food preparation and processing, Nutrition and consumption) will be studied.

What will students learn about?

Food in Australia	Food service and catering
Food equity	Food for special needs
Food product development	Food for special occasions
Food selection and health	Food trends

What will students learn to do?

The major emphasis of the Food Technology syllabus is on students exploring food-related issues through a range of practical experiences, allowing them to make informed and appropriate choices with regard to food. Integral to this course is students developing the ability and confidence to design, produce and evaluate solutions to situations involving food. They will learn to select and use appropriate ingredients, methods and equipment safely and competently.

COURSE COST: \$75

Forensics

Forensics is an exciting Bioscience that explores how scientific knowledge, techniques and technology are used in the investigation of crime. Forensics is a multi-discipline subject that will introduce students to a range of skills that are used by crime investigators at the scene of a crime. Students will also have the opportunity to explore the genre of crime fiction and crime shows. The legal importance of forensics is also explored as forensics searches for evidence and facts. The role of technology in advancing our capacity to solve cold case and current crimes is a thread running through the whole course.

This course would suit students with interests in:

- The crime genre
- A curiosity and thirst for forensic knowledge
- Observation and problem solving.

Students will complete a major design project based on 'crime scene analysis' as the design component of this course.

There are NO fees for this course

History (Elective)

Elective History enables students to acquire the historical skills, knowledge and understanding, values and attitudes essential to an appreciation of world history and to prepare students for informed and active global citizenship.

What will students learn to do?

Delve into the world of history and archaeology. See the events throughout history that helped shape the world we live in today. Explore the ancient, medieval and modern world through the medium of film, historical resources and the field of Archaeology. How does film influence our understanding of past events? What does archaeology tell us that written sources cannot? Is archaeology an exact science? Explore these questions through the cultures and events of the past such as: Great Man theory: Where are the women? Heroes and villains; The Wild West; and other global changing events.

This course would suit students with interests in:

- The nature of history
- How people lived in past societies
- How past societies and periods contribute to our understanding of the world today.

There are NO fees for this course

Timber – (Industrial Technology - Timber)

Timber provides opportunities for students to develop knowledge, understanding and skills in relation to the timber and associated wood working industries.

Timber (Industrial Technology-Timber) develops knowledge and skills in the use of materials, tools and techniques which are enhanced and further developed in the study of Cabinet working, Carpentry skills and Wood Machining.

What will students learn to do?

Practical projects undertaken will reflect the nature of the Timber focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to timber-related technologies. These may include: furniture items and decorative timber products.

Students will develop skills in the manipulation and application of hand and powers and the use of workshop machinery in the production of quality timber-based products.

COURSE COST: _____ **\$55**

International Studies / Global Citizens

International Studies will now be combined with a new course (**Global Citizens**), with the aim of educating students in the meaning of being a global citizen. There are three main themes that will be explored. These are:

1. **Collective Action** – students experience a series of lessons, which progressively build personal decision-making skills and encourage critical thinking about social change
2. **Collective Identity** – an independent investigation of the truth that we are a single global civilisation
3. **Justice** – an exploration of fairness, especially in the distribution of wealth and poverty.

Students will also enter the Australia Wide ‘Videos for Change’ competition that is run by the High Resolves organisation. The challenge is for students to create a one-minute video on a social issue they feel passionate about. Past participants have covered issues such as racism, domestic violence, gender equality, bullying, social inclusion and human rights.

Through the study of *International Studies*, students will engage with ideas, beliefs and practices across a wide range of cultures, with an emphasis on those of Asia and the Pacific. Australia’s geographical proximity to the Asia-Pacific region, the increasing percentage of Australians with Asian Pacific backgrounds, the economic growth of China and India, Australia’s growing trade and exchanges with the countries of Asia, and, Australia’s emerging security and humanitarian interests in the region all lend themselves to a course focus on the cultures of this region.

Students undertake a core study in ‘Understanding Culture and Diversity in Today’s World’ and then have a choice of options including:

Culture and Beliefs	Culture and the Creative and Performing Arts
Culture and Gender Differences	Culture and Sport
Culture and the Media	Culture and Family Life in China and India
Culture in Work and the Workplace	Culture and Food
Coming to Australia	Culture, Science, Technology and Change
Culture and Travel	School Developed Option

There are NO fees for this course

Japanese

Japanese provides students with the opportunity to gain effective skills in communicating in Japanese, both spoken and written, and to develop an understanding of the Japanese culture.

What will students learn about in the study of Japanese?

Students will develop the knowledge, understanding and skills necessary for effective interaction in Japanese. They will explore the nature of languages as systems by making comparisons between English and Japanese.

Students will also develop intercultural understandings by reflecting on similarities and differences between their own and Japanese culture.

Japanese Continued

What will students learn to do in the study of Japanese?

Students will develop the skills to communicate in Japanese. They will listen and respond to spoken language. They will learn to read and respond to written texts in Japanese. Students will establish and maintain communication in familiar situations using Japanese.

Students will explore the diverse ways in which meaning is conveyed by comparing and contrasting features of Japanese.

There are NO fees for this course

Marine Studies

Marine Studies students spend their time studying a wide diversity of marine related subjects. The course starts with mandatory work in water safety, first aid, equipment maintenance and an overview of the marine world. Students then explore the nature of dangerous marine creatures, marine plants and mammals.

What will students learn to do?

Water skills, including swimming and snorkelling, will be improved and students study rescue techniques in water environments. Students explore small boats and boat handling with canoes, kayaks, and sailing boats.

Students investigate aspects of fishing and prepare and eat some of their catch. This is matched to learning about food preparation and eating habits. Some time is spent out and about some of the local marine environments as students study rock platforms, mangroves, estuaries and beaches.

This is a practical course and all students need to pass at a high level the first aid, swimming skills and snorkelling skills aspects.

This course would suit students with interests in:

- The Marine environment
- Marine biology
- Marine recreation
- Sea life conservation
- Food from the sea.

COURSE COST: \$35

Music

All students should have the opportunity to develop their musical abilities and potential. As an art form, music pervades society and occupies a significant place in world cultures and in the oral and recorded history of all civilisations. Music plays important roles in the social, cultural, aesthetic and spiritual lives of people. At an individual level, music is a medium of personal expression. It enables the sharing of ideas, feelings and experiences. The nature of musical study also allows students to develop their capacity to manage their own learning, engage in problem-solving, work collaboratively and engage in activity that reflects the real world practice of performers, composers and audiences.

What will students learn about?

In the elective course, students will study the *concepts of music* (duration, pitch, dynamics and expressive techniques, tone colour, texture and structure) through the learning experiences of *performing, composing and listening*, within the *context* of a range of styles, periods and genres.

The elective course requires the study of the compulsory topic, Australian Music, as well as a number of optional topics that represent a broad range of musical styles, periods and genres.

What will students learn to do?

In Music, students learn to perform music in a range of musical contexts, compose music that represents the topics they have studied and listen with discrimination, meaning and appreciation to a broad range of musical styles. The study of the concepts of music underpins the development of skills in performing, composing and listening.

There are NO fees for this course

Photographic and Digital Media

Photographic and Digital Media provides opportunities for students to enjoy making and studying a range of photographic and digital media works. Photographic and Digital Media enables students to investigate new technologies, cultural identity and the evolution of photography and digital media into the 21st century.

What will students learn about?

Students learn about the enjoyment of making different kinds of photographic and digital media works in still, interactive and moving forms. They learn to represent their ideas and interests with reference to contemporary trends and how photographers and filmmakers make photographic and digital media works.

Students learn about how photographic and digital media is shaped by different beliefs, values and meanings by exploring photographic and digital media artists and works from different times and places, and relationships in the art world between the artist – artwork – world – audience.

What will students learn to do?

Students learn to make photographic and digital media works using a range of materials and techniques to build a Photographic and Digital Media portfolio over time. They learn to develop their research skills, approaches to experimentation and how to make informed personal choices and judgements.

Photographic and Digital Media Continued

Students learn to investigate and respond to a wide range of photographic and digital media artists and works in making and critical and historical studies. Students learn to interpret and explain the function of and relationships in the art world between the artist – artwork – world – audience to make and study photographic and digital media artworks.

COURSE COST: _____ **\$55**

Physical Activity and Sports Studies

Physical Activity and Sports Studies aims to enhance students' capacity to participate effectively in physical activity and sport, leading to improved quality of life.

Students engage in a wide range of physical activities in order to develop key understandings about how and why we move and how to enhance quality and enjoyment of movement.

What will students learn about?

The course includes modules selected from each of the following three areas of study:

<i>Foundations of Physical Activity</i>	<i>Physical Activity and Sport in Society</i>	<i>Enhancing Participation and Performance</i>
<ul style="list-style-type: none">• Body systems and energy for physical activity• Physical activity for health• Physical fitness• Fundamentals of movement skill development• Nutrition and physical activity• Participating with safety	<ul style="list-style-type: none">• Australia's sporting identity• Lifestyle, leisure and recreation• Physical activity and sport for specific groups• Opportunities and pathways in physical activity and sport• Issues in physical activity and sport	<ul style="list-style-type: none">• Promoting active lifestyles• Coaching• Enhancing performance – strategies and techniques• Technology, participation and performance• Event management

What will students learn to do?

Throughout the course students will develop skills that enhance their ability to:

- work collaboratively with others to enhance participation, enjoyment and performance in physical activity and sport
- display management and planning skills to achieve personal and group goals
- perform movement skills with increasing proficiency
- analyse and appraise information, opinions and observations to inform physical activity and sport decisions.

There are NO fees for this course

Visual Arts

Visual Arts provides opportunities for students to enjoy the making and studying of art. It builds an understanding of the role of art in all forms of media, both in the contemporary and historical world, and enables students to represent their ideas and interests in artworks. Visual Arts enables students to become informed about, understand and write about their contemporary world.

What will students learn about?

Students learn about the pleasure and enjoyment of making different kinds of artworks in 2D, 3D and/or 4D forms. They learn to represent their ideas and interests with reference to contemporary trends and how artists including painters, sculptors, architects, designers, photographers and ceramists, make artworks. Students learn about how art is shaped by different beliefs, values and meanings by exploring artists and artworks from different times and places and relationships in the art world between the artist – artwork – world – audience. They also explore how their own lives and experiences can influence their artmaking and critical and historical studies.

What will students learn to do?

Students learn to make artworks using a range of materials and techniques in 2D, 3D and/or 4D forms, including traditional and more contemporary forms, site-specific works, installations, video and digital media and other ICT forms, to build a body of work over time. They learn to develop their research skills, approaches to experimentation and how to make informed personal choices and judgements. They learn to record procedures and activities about their artmaking practice in their Visual Arts diary.

Students learn to investigate and respond to a wide range of artists and artworks in artmaking and critical and historical studies. They also learn to interpret and explain the function of and relationships in the art world between the artist – artwork – world – audience to make and study artworks.

COURSE COST: \$35

Visual Design

Visual Design plays a significant role in many applied creative fields. This course provides students with opportunities to explore and understand the nature of good design practice, conceptual knowledge, technology, the role of the artist as designer and the value and meaning of visual design artworks in society and the role of the audience as consumer in these contexts.

What will students learn about?

Students learn about the pleasure and enjoyment of making different kinds of visual design forms including print, object and space-time. Much of a student's knowledge of the world and concepts of identity come from the print, object and space-time design that surrounds them.

What will students learn to do?

Students will learn to investigate visual design in greater depth and breadth and these opportunities enable students to understand and explore the nature of visual design as a field of multiple disciplines grounded in artistic practice. In this course students will be provided with opportunities to engage with practice (making and

Visual Design Continued

critical and historical interpretations), the conceptual framework and the four frames in making and interpreting visual design works.

As a part of this course, students will create a folio of works in response to design briefs which could include:

Print: Multimedia, advertising, cartooning, typographic forms, font, visual images in print, posters and/or postcards

Object: Jewellery, wearables, ceramic ware, fabric, theatrical applications and/or object design

Time/space: creation of virtual worlds, video/animation, sound/light, interior/exterior design and/or site-specific installations

COURSE COST: _____ **\$35**

Additional page for subject selection book

New ELECTIVES being introduced from 2022



The NSW Department of Education has approved some new Department developed elective courses which can make up a maximum of 200 hours of the mandatory 400 hours of electives. These courses, however, will not be listed on the Record of School Achievement (RoSA) (as is already the case with some of our other school-based electives).

*From 2022, **International Studies** also falls into this category, but will be continued to be offered at our school.*

The two new electives that will be offered at our school are:

Big History

Students examine the history of the universe from the 'big bang' to the modern day, and explore the themes and patterns that can help them better understand the world they live in.

The course develops students' ability to synthesise complex information and conduct research through lines of inquiry and projects within an interdisciplinary framework.

Psychology

Provides students with an understanding and a critical awareness of the nature of human behaviour and the influence of biological, cognitive and socio-cultural factors on individuals and society.

Students develop knowledge and understanding of human nature by asking questions and undertaking studies into the fields of neuroscience, cognitive sciences and social psychology.

Note: These courses will be on the subject selection form, along with all of our other course selections.

SCHOOL BASED ELECTIVE COURSES



Please Note:

The following electives are those that our school is able to offer to students due to staff expertise, interest and facilities. It is not possible for all of these electives to run in 2022.

No more than two school-based electives may be selected.

Student choice will drive the final elective offerings. Only those electives with sufficient student numbers will be presented on the three elective lines for final decision-making.

The Principal reserves the right to make the final decision about which electives will be offered in 2022.

Film Studies and Film Production

Film and cinema are over 100 years old and the development and production of film has become a core part of a country's culture. This unit gives students who have an interest both in film and in the film industry a chance to study this discipline in more depth than is covered in the Stage 5 English and Stage 5 Drama courses.

This unit focuses on two components:

- Film studies: film studies deals with the theoretical, historical and critical approaches to cinema. It looks at how film can impact on general society, general and specific culture and the world of arts. Students learn skills in analysing film and consider how specific films and film genres have had major impacts on society
- Film production: the film production element of the course focuses on the key technical skills in film making. Students practically engage with elements such as playscript, storyboarding, pre-filming, filming and post-editing.

Structure of Subject: A FS/FP course would involve running both the theoretical and practical as side by side units with a weighting of 40/60 practical to theory. Below is a potential scope and sequence:

<p>FS Unit 1: The Essence of Film</p> <ul style="list-style-type: none"> • Introduction to film history • Exploration of film elements and metalanguage • Impact of film on society 	<p>FP Unit 1: Fundamentals of Filming</p> <ul style="list-style-type: none"> • Camera technique • Lighting and sound • Basic software editing • Introduction to Script Writing
<p>FS Unit 2: Close Analysis of Film</p> <ul style="list-style-type: none"> • Viewing and interpreting a specific film. • Learning about film context • Learning critiquing methods for film 	<p>FP Unit 2: Class Film</p> <p>The production of a full class film where students are provided scaffolds for all elements of the film production.</p>
<p>FS Unit 2: Film in culture</p> <ul style="list-style-type: none"> • Watch and compare various elements of Australian film. • Develop an understanding of how genres, motifs and stereotypes develop in cultural films. • Watch and compare multicultural film. • Develop an understanding of different cultures 	
<p>FS Unit 3: Film as power</p> <ul style="list-style-type: none"> • Develop understanding of film as a propaganda tool. • Historical perspective of film as a propaganda tool. • Limits to film as a documentary device in modern era. • Music Film and its role in pop culture. 	
<p>FP Unit 3: MAJOR PROJECT</p> <p>Students work in small groups on short film, going through all processes of development to create a substantial piece of edited work.</p>	

Assessment: The major assessment for this subject would involve a student developing a short film with original film script and full editing process. Ongoing assessment, topic tests, and full movie reviews would also add towards final assessment.

COURSE COST: \$12

Outdoor Recreation

This course is aimed at students with an interest in outdoor pursuits. The class will be examining skills for Outdoor recreation, looking at environmental impact, knowledge for a successful Outdoor recreation excursion, skill development whilst outdoors, analysing the historical component of Bush Craft's origins and researching the natural environment.

One of the main focuses of Outdoor recreation is to build on students developing an affinity with the Australian bush with a mindset of conservation and sustainability. The program is dynamic and ever changing depending on the needs of individual group. Students can have the option of enrolling in and completing their Duke of Edinburgh certificate. Students will finish the course developing self-awareness, lifelong social skills, specific camping technique and memories in years to come.

What will students learn about?

Students will cover the following topics whilst completing the course:

Water Activities

In this unit, students are introduced to the fundamentals of water activities including: water safety, canoeing, kayaking, rafting, surfing, swimming and snorkelling.

Bicycle Touring

In this unit, students study and experience the role that bicycles add to bushcraft opportunities. Students will be assessed on the completion of the bicycle riding and maintenance tests, where they will complete a course on their bikes while being timed, discover a leak in a tube, replace a tube and put a chain back on the chain wheel.

Outdoor Survival

In this unit of work, students will examine and experience survival techniques including setting up a camp site, bearings training and preparation for camps and walks.

Wave to wheels

In this unit, students develop an understanding of the transfer of skills from skateboard riding to surfing.

What will students learn to do?

Students will learn to canoe, kayak, tie knots, ride a bike, maintain a bike, snow fitness, appreciate that which the wilderness has to offer, survive in the wilderness, make links to Aboriginal heritage and survival techniques, plan a successful expedition and understand humans' impact upon the environment.

What will students learn to do?

Course requirements:

- A willingness to be outdoors and attend excursions.
- A bicycle and helmet of their own
- Appropriate footwear for bush walks (enclosed with adequate ankle support).
- A writing book and stationery
- Swim 200m to be able to attend any excursion involving water activities.

Cost information associated with activities and excursions to be advised.

This course will involve excursions with a variety of costs throughout the two years. There will be compulsory excursions for the completion of assessment tasks, with students also being able to gain their certifications throughout the two years.

Rugby

The Rugby elective will be a 200-hour course encompassing the rules, specific training, first aid, nutrition, coaching, game strategy and advanced skill development required to succeed in both rugby league and rugby union.

What will students learn about?

- Skills required to successfully play both codes of football
- Preparation for matches, tactics utilised in match play
- Skill related components required to play the two codes at a competitive level
- First aid of common injuries suffered whilst playing rugby union and/or rugby league
- Safety, responsibility and ethical issues associated with playing organised sport
- Support roles within the various codes of football e.g. coach, administrator, referee

What will students learn to do?

- Demonstrate movement skills in constantly changing environments and increasingly challenging activities associated with rugby league and rugby union
- Re-enact models of exemplary performance in offensive and defensive strategies within the two codes
- Analyse and perform effective patterns of play which lead to successful outcomes in each of the two codes
- Participate in physical activities to develop selected skill-related components of fitness
- Demonstrate healthy choices when selecting foods in the lead up to training sessions and match play as well as when re-fuelling after matches
- Identify appropriate fluid replacement strategies for participation in the four codes and actions to manage dehydration
- Apply appropriate first aid techniques to treat common injuries experienced in each of the two codes
- Implement injury prevention strategies, e.g. warm up, cool down, strapping, stretching, hot and colds
- Identify substances, drugs and ergogenic aids which are illegal
- Justify the need for and analyse the role of Anti-doping Agencies in Australian Sport
- Recognise the factors that can contribute to a positive team, e.g. cooperation, tolerance, respect, honesty, trust and loyalty, fair play, sportsmanship
- Identify poor social behaviours and their negative impacts on the individual, their team and the code of which they play
- Demonstrate skills that enable them to undertake the various support roles required for successful sporting competitions

There are NO fees for this course, but students must have appropriate protective equipment for game play. Mouthguards are mandatory.

STEM (Science, Technology, Engineering and Mathematics)

The importance of Science, Technology, Engineering and Mathematics (STEM) knowledge to Australia's future workforce is indisputable.

Science, technology, engineering and mathematics are fundamental to shaping the future of Australia. They provide enabling skills and knowledge that increasingly underpin many professions and trades, and the skills of a technologically based workforce. The STEM course utilises these knowledge pillars in their application to skills, technology engineering and mechanics.

To satisfy the requirements of the course students must undertake a range of inquiry based (IBL) and project-based (PBL) learning activities which occupy the majority of course time. Inquiry-based and project based learning assists students to actively pursue and use STEM based knowledge beyond the simple transmission of content. Thus, in the course structure there are many points at which students raise questions and explore ideas.

What will students learn about?

The core content to be covered in this course is integrated into the options chosen within the school. The course has been designed with an emphasis on practical activities that allow students to sustain focus in a range of interest areas at some depth.

Units may include:

- Lego EV3 Robotics
- Virtual World Robotics
- Kinetic Models
- 3D design (e.g. 3D plans and printing)
- Algorithmic Thinking
- Project-Based Learning
- Minecraft for Education
- Virtual Reality

What will students learn to do?

Students will develop:

- inquiry and project-based learning skills appropriate to STEM practice
- knowledge and understanding of scientific and mechanical concepts through Investigations of technology and engineering
- knowledge and understanding of STEM principles and processes
- skills in solving STEM based problems and meeting STEM challenges using mechanical, graphical and scientific methods
- skills in communicating and critically evaluating
- problem solving skills in a range of STEM contexts.
- an appreciation of the role and potential of STEM in the world in which they live
- an understanding of the contribution of STEM disciplines to the economic wellbeing of nations.

COURSE COST: \$30

Zoology

Zoology is the science of studying and understanding animals living on land, in freshwater or in the sea.

What will students learn about?

- Animal behaviour, classification, evolution, conservation, distribution, natural history and the physiology of animals

What will students learn to do?

- Describe animal structures and their functions in general
- Identify animals using keys
- Complete research projects on aquatic and terrestrial animals
- Identify issues and solutions for endangered animals
- Undertake an individual major project

Students will be expected to attend at least two excursions: the Australian Reptile Park and/or Walkabout Park and Taronga Zoo.

COURSE COST: _____ \$45



Vocational Education and Training (VET) Courses

Public Schools NSW, Macquarie Park RTO 90222 is accredited as a Registered Training Organisation (RTO) to deliver and assess VET qualifications to secondary students.

By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive the AQF VET qualification Certificate I, II or III, students must meet the assessment requirements of the Industry Training Package (<http://training.gov.au>).

Students will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA. When a student achieves a unit of competency it is signed off by a qualified assessor. To achieve the qualification students must be deemed competent in all units of competency.

Vocational Education and Training (VET) courses are offered as part of the Higher School Certificate (HSC) or Record of School Achievement (RoSA). VET courses are designed to deliver workplace-specific skills and knowledge and cover a wide range of careers and industries. VET courses for secondary students are developed by the NSW Educational Standards Authority (NESA) and are based on National Training packages.

VET courses allow students to gain both HSC or RoSA qualifications and a national qualification or a statement of attainment recognised throughout Australia as part of the Australian Qualification Framework (AQF). These qualifications are widely recognised by industry, employers and tertiary training providers and will assist students to move to various education and training sectors and employment.

Board Developed VET courses are classified as Category B subjects and ONLY ONE may contribute to the calculation of the Australian Tertiary Admission Rank (ATAR). These courses have an optional HSC examination. Students wishing to include a VET course in the ATAR calculation must sit the HSC examination after they have completed a minimum of 4 Preliminary and/or HSC units.

Board Developed VET courses have specified workplace requirement and include 70 hours of industry specific **mandatory work placement** or simulated workplace hours at school as specified by NESA.

Board Endorsed VET Courses count towards the HSC or RoSA but do not have HSC examinations and therefore do not count in the calculations of the ATAR. Some Board Endorsed VET Courses have mandatory industry specific work placement.

Assessment in all VET courses is competency based. The student is assessed on what they can do (the skills) and what they know (the knowledge) that will equip them in the workplace. Students who have successfully achieved competency will have the skills and knowledge to complete workplace activities in a range of different situations and environments, to an industry standard of performance expected in the workplace.

Competency-based assessment materials are designed to ensure each learner has achieved all the outcomes (skills and knowledge) to the level of the qualification. Competency-based training is based on performance standards that have been set by industry.

Students will receive documentation showing any competencies achieved for the VET course undertaken (Transcript).

Due to the specific requirements of a VET course it is recommended students speak to the VET Coordinator, VET Teacher or Careers Adviser before choosing the course to ensure they are fully aware of the requirements and that the course is suitable for their individual needs, knowledge and skills.



Course: Financial Services – Financial Services Stream (240 indicative hours) Board Developed Course Number: 27201		Total 4 of units of credit – Preliminary and/or HSC Category B status for Australian Tertiary Admission Rank (ATAR)	
The FNS30115 Certificate III in Financial Services is accredited for the HSC and provides students with the opportunity to obtain this nationally recognised vocational qualification. This is known as dual accreditation.			
By enrolling in a VET qualification in NSW Public Schools Macquarie Park RTO 90222, you are choosing to participate in a program of study that will give you the best possible direction towards a nationally recognised qualification. To receive this AQF VET qualification, students must meet the assessment requirements of the FNS Financial Services (Release 5) Training Package (http://training.gov.au). You will also be expected to complete all requirements relevant to the HSC and adhere to the requirements of NESA.			
FNS 30115 Certificate II in Financial Services		Units of Competency	
4 Core BSBWHS201 Contribute to health and safety of self and others BSBWOR203 Work effectively with others BSBWOR204 Use business technology FNSINC301 Work effectively in the financial services industry		FNSACC313 Perform financial calculations BSBRKG303 Maintain business records FNSACM303 Process payment documentation FNSRTS301 Provide customer service in a retail agency FNSRTS308 Balance cash holdings BSBITU304 Produce spreadsheets FNSACM302 Prepare, match and process receipts FNSFLT301 Be MoneySmart	
9 Electives FNSACC311 Process financial transactions and extract interim reports			
Students may apply for Recognition of Prior Learning (RPL) and/or Credit Transfer provided suitable evidence is submitted.			
Pathways to Industry Skills gained in this course transfer to other occupations. Working in the financial services industry involves:			
<ul style="list-style-type: none"> ▪ administrative, clerical and customer service roles in banking ▪ retail financial services 		<ul style="list-style-type: none"> ▪ credit management ▪ insurance writers 	
Examples of occupations in the Financial Services Industry			
<ul style="list-style-type: none"> ▪ bank teller ▪ accountant 		<ul style="list-style-type: none"> ▪ insurance clerical officer ▪ clerical worker 	<ul style="list-style-type: none"> ▪ financial adviser ▪ auditor
Mandatory course requirements to attain an HSC credential in this course Students must complete a minimum of 70 hours work placement over two years to practise and extend their learning. It is permissible for up to 50% of the work placement requirement to be undertaken in a simulated work environment.			
Admission Requirements To enrol in FNS30115 Certificate III in Financial Services , students should be interested in working in the financial sector. This is an inherent skill requirement for the units of competency. Prior to enrolment, students will be advised individually of the suitability of this course. Reasonable adjustments and support are available for all students. There will be out of class homework, research activities and assignments.			
Competency-Based Assessment Students in this course work to develop the competencies, skills and knowledge described by each unit of competency listed above. To be assessed as competent a student must demonstrate to a qualified assessor that they can effectively carry out tasks to industry standard. Students will be progressively assessed as ‘competent’ or ‘not yet competent’ in individual units of competency. When a student achieves a unit of competency it is signed off by the assessor.			
Complaints and Appeals Students may lodge an appeal about assessment or any other decisions through the VET teacher.			
Optional HSC examination for ATAR purposes The optional Higher School Certificate Examination is independent of the competency based assessment undertaken during the course and has no impact of the eligibility of the student to receive this AQF qualification.			
Course consumables: \$20 Course contributions are made to cover the ongoing costs of consumables and materials used as part of this course and are paid to the school. <i>If you are unable to make contributions or are experiencing financial difficulty, please contact your school.</i> Refunds: Students who exit the course before completion may be eligible for a partial refund of fees. The amount of the refund will be pro-rata, dependent upon the time the student has been enrolled in the course. <i>Please discuss any matters relating to refunds with your school</i>			
A school-based traineeship is available in this course. For more information contact the school's Careers Adviser.			
Exclusions: VET course exclusions can be confirmed with the school.			

Courses Incurring a Subject Fee

Stage 5 Subject Fees 2022

COURSE NAME	COST \$
Board Developed/Endorsed Elective Courses	
Building and Construction	\$55
Design and Technology	\$60
Drama	\$12
Food Technology	\$75
Timber (Industrial Technology – Timber)	\$55
Marine Studies	\$35
Photographic and Digital Media	\$55
Visual Arts	\$35
Visual Design	\$35
School Based Courses	
Film Studies and Film Production	\$12
Outdoor Recreation	Costs to be advised
STEM (Science, Technology, Engineering and Mathematics)	\$30
Zoology	\$45
TVET Courses	
Financial Services – Financial Services Stream	\$20

Elective fees are used by the course co-ordinators to provide additional resources that extend student opportunity to engage in rich experiences.

Paying the elective course fee means that students do not have to buy these resources to bring to class throughout the year and is a more cost-effective solution for parents as the school can bulk buy.

When making elective choices parents should consider the cost of the course. Please contact the school if financial support is required. The school offers payment plans and financial assistance for families in need of this service.