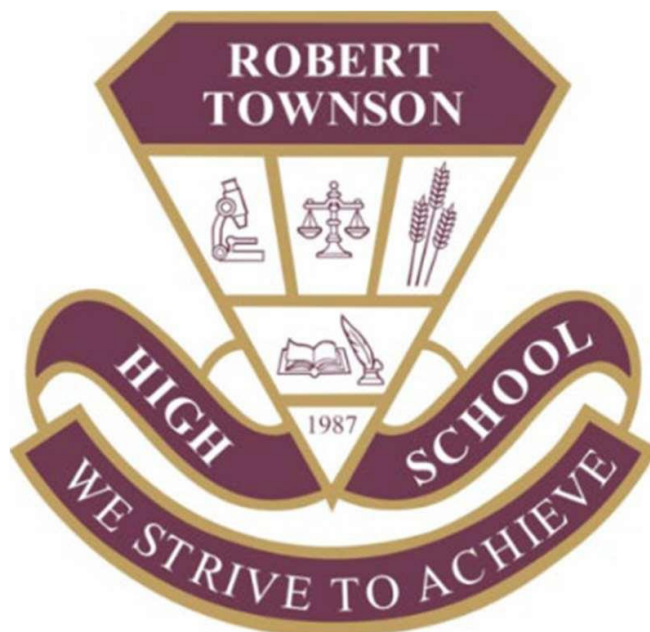

ROBERT TOWNSON HIGH SCHOOL



SUBJECT SELECTION BOOKLET
YEAR 9, 2023

CONTENTS

Stage 5 (Year 9/10) Overview	3
Record of School Achievement (ROSA)	4
Courses offered at Robert Townson High School	6
<i>Mandatory Courses</i>	
English	7
Mathematics	7
Science	8
Australian History	8
Australian Geography	8
Personal Development, Health and Physical Education	9
Choosing your electives	
Who can help you choose?	11
Fee information 2023	12
<i>Elective Courses</i>	
Photography and Design	13
Music	14
Visual Arts	15
Drama	16
Information and Software Technology	17
Industrial Technology – Timber	18
Child Studies	19
Industrial Technology – Engineering	20
Food Technology	21
PASS – General	22
PASS – Soccer	23
Mysteries and Disasters	24
Commerce	25

Stage 5 Overview

This subject information booklet describes the subjects offered to students in Year 9/10 at Robert Townson High School as part of the course leading to the Record of School Achievement (ROSA).

In Year 9 and 10, all students study a core of compulsory subjects plus 400 hours of electives.

Core Subjects	Elective Subjects (Students will study 2 x 200hour electives)
English	Music
Mathematics	Visual Art
Science	Commerce
History	Drama
Geography	Photography and Design
PDHPE	Food Technology
	Mysteries and Disasters
	Information and Software Technology
	Industrial Technology – Timber
	Industrial Technology – Engineering
	Child Studies
	PASS – General
	PASS – Soccer Studies

Subject Selection Process

Students will choose subjects online for Year 9 2023 and Year 10 2024.

A link to the subject selection form will be sent to students during Week 9, Term 2 in 2022. Students will have until **5pm Monday 27th June 2022** to complete this process.

Students will choose four subjects in order of preference, with the view to studying two. Students should be aware that a subject running in 2023 will be dependent on student numbers and resource availability. It is essential that students select reserve subjects that they are willing to study in the event their preferred subject is not available.

What if I want to change subjects next year?

Choose your electives carefully because subject changes can only be made in special circumstances during the first two weeks of 2023 and provided there are vacant places in the preferred subjects. Some subjects will not be offered after the first round of subject selection, and some students may need to study one of their reserve subjects or choose a subject that is running on a particular line.

Record of School Achievement (ROSA)

What is a ROSA?

- Awarded to students who leave school after Year 10 and before completing the Higher School Certificate.
- A cumulative credential recording academic achievement up until the date a student leaves school.
- Based on moderated, school-based assessments.

The Key Elements of the ROSA:

- It will be cumulative, showing a students' achievement until the time they leave school.
- It will be based on school-based assessment.
- It will be able to be reliably compared between students across NSW.
- It will give students the option of taking online literacy and numeracy tests.
- It will offer a means of recording extra-curricular achievements.

To achieve a ROSA a student must:

- Satisfactorily study the core subjects with diligence and sustained effort, including the completion of classwork and assessment tasks to a satisfactory standard.
- Satisfactorily complete course outcomes.
- Attend school until the final day of Year 10 as determined by the Department of Education.

Course completion criteria:

A student will be considered to have satisfactorily completed a course if, in the Principal's view, there is sufficient evidence that the student has:

- a) **followed** the course developed or endorsed by NESA; and
- b) **applied** themselves with diligence and sustained effort to the set tasks and experiences provided in the course by the school; and
- c) **achieved** some or all of the course outcomes.

What will the ROSA show?

A ROSA will show A to E grades for all the courses a student has completed up until the point they leave school – including those completed in Year 10 and Year 11.

A to E grading is a way of showing a student's level of achievement in a course in a way that can be compared fairly between individual students and provides acknowledgement for all the work they have done, right up to the time they leave school.

How will students get grades?

Students will be required to submit assessment tasks as delivered by their schools. Teachers will then use marks from those assessments to allocate a grade for each student at the end of the course. Teachers will submit those grades to NESA for inclusion on the ROSA if required.

Why offer literacy/numeracy tests?

Parents and employers in particular are increasingly interested in having a clear statement of a students' fundamental levels of literacy and numeracy. This measure will help provide valuable information to an employer when they are considering job candidates who have not completed their HSC.

The literacy/numeracy tests will also help students, parents and teachers determine if a student needs particular support in an area, or form the basis of further discussion about whether a student is ready to leave school.

COURSES OFFERED AT ROBERT TOWNSON HIGH SCHOOL

Mandatory Subjects	Elective Subjects
English	Music
Maths	Drama
Science	Photography and Design
History	Visual Arts
Geography	PASS – Soccer
Personal Development, Health and Physical Education	PASG – General
	Mysteries and Disasters
	Commerce
	Child Studies
	Food Technology
	Industrial Technology (Timber)
	Information and Software Technology
	Industrial Technology (Engineering)

ENGLISH

Course Description

English is divided into two stages in the junior school. Students in Year 9 are entering Stage 5. Outcomes become more sophisticated and complex, and study of Shakespeare is compulsory. Three assessment tasks and one examination along with class and assignment work, spelling and literacy, provide marks and grades for this course.

Compulsory topics include: fiction, poetry, drama (Shakespeare), film and non-fiction.

Students will be awarded grades for their outcomes which will also appear on their reports, along with marks and an overall course grade.

Results in Year 10 will help to place students in courses for Year 11.

MATHEMATICS

Course Description

The arrangement of content in Stage 5 acknowledges the wide range of achievement of students in Mathematics by the time they reach the end of Year 8. Three substages of Stage 5 (Stages 5.1, 5.2 and 5.3) have been identified and made explicit in the syllabus:

Stage 5.1 is designed to assist in meeting the needs of students who are continuing to work towards the achievement of Stage 4 outcomes when they enter Year 9.

Stage 5.2 builds on the content of Stage 5.1 and is designed to assist in meeting the needs of students who have achieved Stage 4 outcomes, generally by the end of Year 8.

Stage 5.3 builds on the content of Stage 5.2 and is designed to assist in meeting the needs of students who have achieved Stage 4 outcomes before the end of Year 8.

The Stage 5.1 course will focus on building and learning the mathematical content of Stage 4 and then commence work on Stage 5.1 outcomes. The topics include Rational Numbers, Consumer Arithmetic, Probability, Algebraic techniques, Data representation and analysis, Perimeter and area and Trigonometry.

The Stage 5.2 course is designed for students who have completed the Stage 4 outcomes in Year 8. It requires students to complete all of the Stage 5.1 plus the outcomes.

The Stage 5.3 course is designed for students who have an excellent grasp of the Stage 4 outcomes. It requires the students to complete all of the Stage 5.1 and 5.2 outcomes, as well as additional outcomes which are abstract mathematical concepts. It involves the extra study of topics such as: real numbers, curve sketching and polynomials, functions and logarithms, deductive geometry and circle geometry.

The pattern of study and results from Stage 5 (Year 9 and 10) will define their pathway for studies and subject selection in Stage 6.

Stages 5.1 and 5.2 prepare students for Stage 6 Mathematics Standard pathways.

Stage 5.3 prepares students for Stage 6 Mathematics Advanced and Mathematics Extension courses.

Students are invited into these purely based on their achievement in the Stage 5.3 course.

SCIENCE

Course Description

Science in the junior years of 7 to 10 is a general course, which is studied by all students. It includes topics from the four main scientific areas of Biology, Physics, Chemistry and Earth and Environmental Sciences. Students gain knowledge and understanding of the history, nature and practice of science as well as the implications and impacts of its uses for society and the environment. Programs are taught so that previous topics are reinforced and augmented.

Students are exposed to a wide variety of theoretical and practical activities so that they gain understanding of the fact that scientists work in a rational, unbiased manner.

AUSTRALIAN HISTORY

Course Description

The History Mandatory Stage 5 course is designed to stimulate students' interest in and enjoyment of exploring the past, to develop a critical understanding of the past and its impact on the present, to develop the critical skills of historical inquiry and to enable students to participate as active, informed and responsible citizens.

During the course students will develop:

- Knowledge and understanding of the nature of history and significant changes and development from the past, the modern world and Australia
- Knowledge and understanding of ideas, movements, people and events that shaped the modern world and Australia
- Skills to undertake the process of historical inquiry.
- Skills to communicate their understanding of history.

The content is divided into the following topics:

- The Making of the Modern World – overview (Year 9)
- Depth Study 1: Making a Better World? – Movement of peoples (Year 9)
- Depth Study 2: Australia and Asia – Asia and the world (Year 9)
- Depth Study 3: Australians at War – World Wars I and II) (Year 9)
- The Modern World and Australia – overview (Year 10)
- Depth Study 4: Rights and Freedoms (Year 10)
- Depth Study 5: The Globalising World – Popular Culture (Year 10)
- Depth Study 6: School Developed topic – Australia in the Vietnam War Era (Year 10)

In addition to these topics, all students must complete a site study in Stage 5.

AUSTRALIAN GEOGRAPHY

Course Description

Geography in Years 9 and 10 is designed to stimulate students' interest in and engagement with the world. Through geographical inquiry they develop an understanding of the interactions between people, places and environments across a range of scales in order to become informed, responsible and active citizens. Geography involves both knowledge and skills with field work being an integral part of both the Year 9 and 10 courses.

Stage 5 is divided into the following topics:

Year 9: Sustainable Biomes, Changing Places

Year 10: Environment Change and Management, Human Wellbeing

PERSONAL DEVELOPMENT, HEALTH & PHYSICAL EDUCATION

Course Description

Personal Development, Health and Physical Education (PDHPE) is a subject that is closely related to the growth and development of students. The course examines a wide range of personal and community health issues and promotes physical activity and the benefits of a healthy lifestyle.

Students will be assessed during Stages 4 and 5 through the development of the following critical skills.

- communicating
- decision making
- interacting
- moving
- planning
- problem solving

These skills are developed through four key strands

1. self and relationships
2. movement and skill performance
3. individual and community health
4. life-long physical activity

In both Stages 4 and 5 of the syllabus, a series of 16 outcomes allow students to achieve to the best of their abilities.

Choosing Your Electives

Year 9 is a new phase of schooling where you have more choice over your education as you pick elective subjects to study for the next two years.

Please consider your elective choices carefully using the following advice:

- Choose subjects that you are genuinely interested in studying. You will undertake a 200 hour, 2 year course of your chosen electives. If you choose a subject you are interested in and motivated to learn, this will help you to remain interested and focused.
- Don't choose subjects just because your friends are choosing them. Your subject choices should be based on your interests, not your peers.
- Don't choose a subject just because of the teacher you think will be taking the class. There's no way of guaranteeing who will take a particular course.
- Do some research into your elective choices. Watch the subject selection videos, ask questions of the Head Teacher and read the information in this booklet to make an informed choice.

Do choose subjects because ...	Don't choose subjects because ...
You feel you will do well in them	Your friends are choosing them.
You are interested in and have read the course information.	You think a certain teacher will take the class.
They may be good preparation for senior subject choices.	You have heard rumours about a subject being "easy"

Who Can Help You?

Decisions about subjects and career paths are important. Parents and caregivers are also welcome to contact staff below who can provide guidance in helping their child make the most informed choices.

Deputy Principal (Relieving)	Mrs Emma Townsend
Year Adviser	Mr Darian Richards
Careers Adviser	Mr Michael Johnson
Head Teacher Wellbeing	Mrs Erin Griffiths
Head Teacher English	Mrs Joanne Douglas
Head Teacher Maths	Mr Gyaneshwar Rai
Head Teacher Science	Mr Predrag Sakic
Head Teacher Support HIU (Relieving)	Ms Kate Nunan
Head Teacher Creative & Performing Arts	Ms Lisa Allison
Head Teacher Technology and Applied Studies	Mr Mark McCluskey
Head Teacher PD/H/PE	Mr Nenad Kelava
Head Teacher HSIE	Mr Michael Kapitanow
Head Teacher Administration (Relieving)	Mr Daniel Mattes

FEE Information 2023

Food Technology	\$80.00
Child Studies	\$20.00
Industrial Technology – Timber	\$50.00
Industrial Technology – Engineering	\$40.00
Music	\$40.00
Drama	\$20.00
Photography and Design	\$50.00
Visual Arts	\$45.00
Physical Activity and sports studies	2 sets of school sports uniform
General School contribution	\$55.00

Fee Payments

Please note that some electives require payment of course fees to cover the costs of materials used. Payment of these fees is essential as these materials are necessary to fulfil course outcomes.

A student electing to study a subject agrees to pay the required fee. If students are not prepared to pay the fee, choose a subject that does not incur a fee.

Fee payment is required early in the year, often before a student is allowed to undertake practical work.

Should you require more information about the fee for a particular subject please contact the relevant subject Head Teacher.

If you require support for the payment of fees, please speak with the Deputy Principal.

PHOTOGRAPHY & DESIGN

Contact: Ms Lisa Allison (Head Teacher CAPA)

Course Description

In Photography and Design students explore the development of photographic images and products for human use. This includes fields such as darkroom photography, digital photography, video creation, cartooning and animation, graphic design, ceramics, jewellery, interior design, industrial design, wearable design and design for theatre. Most of the course is practical but a part of the course looks at the work of professional photographers and designers and how these areas have changed over time.

What will students learn about?

Students will explore a variety of types of photography and design drawn from these areas:

Photographic and Digital Media: (Darkroom photography, Digital still photography, Moving images, including live action video and animation)

Visual Design: Print Design e.g. Graphic design, illustration, cartooning. Object Design e.g. Jewellery, wearables, ceramics, fashion, theatre backdrops and props, packaging and containers. Space/Time Design e.g. Architecture, interior and exterior design.

Students will use a Visual Diary to collect examples of photographs and designs, do preparatory sketches and produce plans for the making of the final image/product/object. The course may also include excursions to galleries and for photo-shoots where applicable.

What will students learn to do?

Students will learn to work from a photography shoot list or design brief, researching what audiences want, and include relevant health and safety guidelines. Students will explore and experiment with processes to devise appropriate photographic images, films and designs to attain their final product. The process concludes in promotion and presentation techniques. Photography and Design students will develop strategies for producing an image or product from concept through to completion.

Course Overview

A possible sequence of study may be:

Topic 1 – Take a Shot! (using a Digital SLR camera and the darkroom)

Topic 2 – Streetwear design: Skateboard deck/Tshirt

Topic 3 – Stop Motion Animation

Topic 4 – Design a Jewellery Piece and matching tattoo

Advantages of studying this elective

The study of this subject will increase students' skill level in critical thinking as well as develop their understanding of the photography and design professions, which will help them to achieve success in a variety of HSC courses. It will build upon their ability to think creatively, which is a skill employers look for in the workforce. Post school there are a number of pathways for students in the photographic and design fields, such as photographer, influencer/you-tuber, graphic/industrial/interior/fashion/web design, architecture, game design, advertising, filmmaking, content creator etc.

MUSIC

Contact: Ms Lisa Allison (Head Teacher CAPA)

Course Description

The elective music course will build on the mandatory (Year 7 & 8) course and is designed for students who wish to extend their musical experiences and learning. The knowledge, understanding and skills gained in the course provide a firm foundation for the study of Music in Stage 6 (Year 11 and 12). Students must study a compulsory topic – Australian Music – and a range of other topics including but not limited to 20th Century Music, Jazz Music, Popular Music, Rock Music and Music and Technology.

What will students learn about?

Students will learn about musical forms and styles from different times and places. They will become more discerning and critical listeners and will be able to value and discuss music from a wide variety of styles, cultures and times. They will build confidence to work with others in preparing and presenting group and individual performances to live audiences and create original music that reflects a deeper understanding of music.

What will students learn to do?

Students will learn to perform, compose and listen. Experiences include:

- Performing a range of repertoire
- Discovering the capabilities and ranges of various instruments and voices
Accompanying; interpreting a variety of musical notation styles
- Using different types of technology for performance and performance presentation.

Improvising, arranging and composing using a variety of sound sources and movement activities; using computer-based software and other technologies to create and notate compositions; developing a portfolio of compositions. Analysing, discussing and responding in oral and written form to a range of repertoire; how composers have used the concepts of music; reading and interpreting musical scores; developing aural discrimination skills in pitch and rhythm; sight singing; analysing the role technology has played in music throughout the ages.

Course Overview

An example of a sequence of study in Music:

Topic 1 – Music History

Topic 2 – Jazz Music

Topic 3 – Music and Technology

Topic 4 – Australian Popular Music

Advantages of studying this elective

The study of music will allow students to learn one or more musical instruments, as well as attend a variety of live musical performances. It will equip students with the skills and understanding to begin the Stage 6 (year 11 and 12) course at a more advanced level. Professions where music will be required or an advantage include professional musician, educator, management, theatre production, composer, tuition, sound technician /engineer, game designer, advertising, technology and IT.

VISUAL ARTS

Contact: Ms Lisa Allison (Head Teacher CAPA)

Course Description

Students selecting Visual Arts as an elective subject will explore a range of art making activities which may include drawing, painting, sculpture, ceramics, digital media, printmaking and mixed media as they interpret a range of themes – fantasy, the environment, people, popular culture, animals etc. In addition, students study themes or ideas in the history of art, why particular artists are important and how they assist in the understanding and appreciation of art and the student's own art making practice.

What will students learn about?

Visual Arts students explore the communication of thoughts, ideas and concepts using art as a visual language. Students will learn about the art forms as a way for them to explore different themes and ideas and creatively place their own interpretation in their art making. To broaden understanding and appreciation of visual arts, students will learn about different styles, periods, cultures and individual artists who have made significant contributions to art history. Visual Arts students will learn about art making and the history of visual arts in both the classroom and through excursions to art galleries.

What will students learn to do?

A significant portion of the visual arts course is practical. Students will learn skills in using materials such as drawing, painting, sculpture, ceramics, mixed media, digital media, printmaking as well as build skills in finding and producing creative solutions through research and experimentation. The focus is to empower students in the art making ability through strong artistic skills and the freedom to explore and produce imaginative, engaging and thought-provoking artworks. Students will also learn to analyse artworks and place them in an historical context and appreciate the importance of them and the artists who created them within the period they lived and to artists working in the 21st Century. Students will learn how to research, use the internet as a resource for ideas and information and document using digital media.

Course Overview

Students will explore a variety of themes using 2D and 3D forms to create artworks. An example of a sequence of study could be:

Topic 1 – Still Life

Topic 2 – Portraiture

Topic 3 – Natural and Urban Landscape

Topic 4 – The Human Figure in Action

Advantages of studying this elective

The study of visual arts will increase students' skill level in artmaking as well as develop their understanding of the art world, which will enhance their ability to achieve success in a variety of HSC courses. It will build upon their ability to think creatively, which is a core skill employers look for in a 21st century workforce. Post-school there are a number of pathways students may wish to pursue including practicing artist, design (graphic, industrial, fashion, digital etc) architect, game design, illustration, primary or secondary teaching and advertising.

DRAMA

Contact: Mrs Emma Townsend (Drama Coordinator)

Course Description

Drama enables young people to develop knowledge, understanding and skills individually and collaboratively to make, perform and appreciate dramatic and theatrical works. Students take on theatrical roles as a means of exploring both familiar and unfamiliar aspects of their world while exploring the ways people react and respond to different situations, issues and ideas.

What will students learn about?

Studying Drama in Stage 5 is a 200 hour course. In the first 100 hours of Drama in Year 9 students learn the essential acting tools and develop knowledge of the Elements of Drama. These skills will be used in the key areas of improvisation and playbuilding, where students will develop practical skills. These skills will be further extended in the second 100 hours in Year 10.

The focus of the Drama course is communication and how to best communicate with an audience in many different contexts. A variety of different theatrical styles will be introduced to give students a solid grounding in different types of theatre in both theoretical and practical environments. Students will learn about Theatre History, explore contemporary Drama as a practice and study Australian plays. The importance of written reflection will also be a focus as students will be required to keep a logbook.

What will students learn to do?

Students learn to make, perform and appreciate dramatic and theatrical works. They devise and enact dramas using scripted and unscripted material and use acting and performance techniques to convey meaning to an audience. Students will also explore non-acting roles in theatre such as director, scriptwriter and designer.

Students will develop their group work skills, taking turns to direct others and follow directions of both teacher and peers. They learn to respond to, reflect on and analyse their own work and the work of others and evaluate the contribution of drama and theatre to enriching society. Students will learn to contribute, discuss and refine ideas with their peers.

Course Overview

An example of a sequence of study could be:

- Term 1 – Improvisation, Scene Structures and The Elements of Drama
- Term 2 – Mime, Mask and Melodrama
- Term 3 – Playbuilding
- Term 4 – Theatre from Around the World

Advantages of studying this elective

Studying Drama will provide valuable skills in communication, problem solving and group work. Students will work in a variety of group combinations, developing skills in creativity and analysis. Undertaking studies of Drama in Year 9 and 10 will provide students with an understanding of the Elements of Drama and various dramatic forms, which will also benefit students interested in studying the HSC course for Drama. Students will also have the opportunity to go on a number of excursions to broaden their theatrical experiences and engage with community theatre groups through workshops. Students will also have opportunities to participate in performance events and excursions.

INFORMATION & SOFTWARE TECHNOLOGY

Contact: Mr Mark McCluskey (Head Teacher TAS)

Course Description

People are expected to work and live in environments requiring highly developed levels of computing and technological literacy. Current technologies are becoming obsolete at a rapid rate and new generations will need to be flexible to accommodate changes as they emerge. As a result of studying this course, students will be equipped to make appropriate use of and informed choices about information and software technology both at a personal level and in the workplace.

What will students learn about?

Students will gain knowledge of past, current and emerging technologies, data, hardware, software and people involved in the field of information and software technology. The subject also includes legal, ethical, social and industrial issues. Students will develop knowledge and understanding, confidence and creativity in analysing, designing, developing and evaluating information and software technology solutions. Students will also learn computer programming using Unity Game Development and Arduino Coding. Students will analyse information to design and create appropriate software programs that satisfies the needs of the individual student.

What will students learn to do?

Students will learn to select and use appropriate information and software technology and develop an informed awareness of its capacities, scope, limitations and implications. They learn to solve problems in real life contexts. Through activities and collaborative tasks, students engage in processes of analysing, designing, producing, testing, documenting, implementing and evaluating information and software technology-based solutions. Creative and critical thinking skills are developed through students' practical involvement in projects. Students will also learn to design and develop 3D Models, 3D Printing, Websites, Animations, Photoshop, Movie editing, Coding and game development using Unity Game Development Software. Creative students can also make their own customised game.

Course Overview

An example of a sequence of study could be:

- Term 1 – Robotics and Automated Systems
- Term 2 – Relational Database and Game Development
- Term 3 – Movie Making and Animation
- Term 4 – Digital Media and Photoshop

Advantages of studying this elective

Technological competence in the rapidly evolving area of information and software technology requires lifelong learning. This course will prepare students for future developments and directions in the exciting and challenging field of information and software technology. In all aspects of the course students study appropriate industry standards and work practices. Students gain an understanding of specific career opportunities related to information and software technology and critical reflection about information and software technology as an integral part of modern society.

INDUSTRIAL TECHNOLOGY - TIMBER

Contact: Mr Naveen Kumar (Head Teacher TAS)

Course Description

The aim of the Industrial Technology – Timber course is to develop students' knowledge, understanding, skills and values related to a range of technologies through the safe interaction with materials, tools and processes in the planning, development and construction of quality practical projects.

What will students learn about?

Core modules develop knowledge and skills in the use of materials, tools and techniques related to timber which are enhanced and further developed through the study of specialist modules in cabinetwork.

What will students learn to do?

Practical projects undertaken should 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 including furniture items and decorative timber products.

Course Overview

Term 1 - General Wood 1 – Folding Chair

This project provides opportunities for the development of knowledge and skills in the use of a variety of elementary hand tools and power tools. It develops students skills in the marking out, measuring, cutting and joining and finishing of timber.

Term 2 – Coffee Table

Students gain knowledge of and skills in the production of timber industry joints, including dowel and biscuit joints and the application of a range of different timber finishes, including stains, paints and clear finishes.

Advantages of studying this elective

Industrial Technology Years 7-10 leads students to an awareness of the relationship between technology, industry, society and the environment and develops their ability to make value judgements about issues, decisions and consequences arising from this interaction. Students develop an awareness of the importance of environmental sustainability in relation to the use of materials and technologies and their effects on people and society.

CHILD STUDIES

Contact: Mr Mark McCluskey (Head Teacher TAS)

Course Description

Child Studies explores the broad range of social, environmental, genetic and cultural factors that influence pre-natal development and a child's sense of wellbeing and belonging between 0 and 8 years of age.

What will students learn about?

There are a variety of modules that can be studied in child studies which include:

Preparing for Parenthood, Conception to Birth, Newborn Care, Family Interactions, Growth and Development, Play and the developing child, Health and safety in Childhood, Food and Nutrition in Childhood, Children and Culture, Media and Technology in Childhood, The Diverse Needs of Children, Aboriginal Cultures and Childhood, Childcare Services and Careers Opportunities

What will students learn to do?

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

- Support a child's development from pre-conception through to and including the early years positively influence the growth, development and wellbeing of children.
- Consider the external factors that support the growth, development and wellbeing of children.
- Research, communicate and evaluate issues related to child development.

Course Overview

- Preparing for parenthood
- Conception to birth
- Family interactions
- Newborn care
- Growth and development
- Play and the developing child
- Health and safety in childhood

Advantages of studying this elective

The knowledge, understanding, skills and values developed through Child Studies provides a foundation for a wide range of study options in and beyond school and also a range of vocational pathways that support and enhance the wellbeing of children. Study of this syllabus will also support young people engaged in voluntary caring, supervision and child support roles and in formal work opportunities such as childcare and education.

INDUSTRIAL TECHNOLOGY - ENGINEERING

Contact: Mr Mark McCluskey (Head Teacher TAS)

Course Description

The aim of the Industrial Technology – Engineering is to develop students’ knowledge, understanding, skills and values related to a range of technologies through the safe interaction with materials, tools and processes in the planning, development and construction of quality practical projects.

What will students learn about?

Core modules develop knowledge and skills in the use of materials, tools and techniques related to structures and mechanisms. These are enhanced and further developed through the study of specialist modules in Engineered Structures and Engineered Mechanisms.

What will students learn to do?

Practical projects should reflect the nature of the Engineering focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to engineering including small structures, small vehicles and electronic and mechanical control systems.

Course Overview

Term 1 -2

Engineered Structures

Students learn about common engineering and civil structures such as bridges, dams and buildings by constructing small scale models and putting them through various engineering tests.

Term 3-4

Engineered Mechanisms

Students learn about common engineering mechanisms, machines and rockets through construction, investigation and experimentation.

Advantages of studying this elective

Industrial Technology Years 7-10 leads students to an awareness of the relationship between technology, industry, society and the environment and develops their ability to make value judgements about issues, decisions and consequences arising from this interaction. Students develop an awareness of the importance of environmental sustainability in relation to the use of materials and technologies and their effects on people and society.

FOOD TECHNOLOGY

Contact: Mr Mark McCluskey (Head Teacher TAS)

Course Description

The study of Food Technology provides students with a broad knowledge and understanding of food properties, processing, preparation and their inter relationships, nutritional considerations and consumption patterns. It addresses the importance of hygiene and safe working practices and legislation in the production of food. It also provides students with a context through which to explore the richness, pleasure and variety food adds to life.

This knowledge and understanding is fundamental to the development of food-specific skills, which can then be applied in a range of contexts enabling students to produce quality food products. Students develop practical skills in preparing and presenting food that will enable them to select and use appropriate ingredients, methods and equipment.

What will students learn about?

Students will develop food-specific skills, which can then be applied in a range of contexts enabling students to produce quality food products. Practical lessons address the importance of hygiene and safe working practices and legislation in the production of food. Students explore the richness, pleasure and variety that food adds to life and how it contributes to both vocational and general life experiences.

What will students learn to do?

The major emphasis of the Food Technology syllabus is to enable students to explore food related issues through a range of practical experiences, resulting in them gaining the ability to make informed and appropriate choices with regard to food. Students will develop the ability to design, produce and evaluate solutions using food. They will learn to select and use appropriate ingredients, methods and equipment safely and with competence.

Course Overview

Term 1-2 – Food Selection and Health

Term 2-3 – Food Trends

Term 3-4 – Food Product Development

Advantages of studying this elective

This course could provide potential pathway to the Stage 6 Food Technology course or to Stage 6 VET Hospitality. It could also assist students in gaining part-time employment in the food industry.

PASS – GENERAL

Contact: Mr Nenad Kelava (Head Teacher PDHPE)

Course Description

The aim of the Physical Activity and Sports Studies is to enhance students' capacity to participate effectively in physical activity and sport, leading to improved quality of life for themselves and others.

What will students learn about?

Develop a foundation for efficient and enjoyable participation and performance in physical activity and sport

Develop knowledge and understanding about the contribution of physical activity and sport to individual, community and societal wellbeing

Enhance the participation and performance of themselves and others in physical activity and sport.

What will students learn to do?

Develop personal skills to participate in physical activity and sport with confidence and enjoyment.

Commit to lifelong participation in physical activity and sport. Appreciate the enjoyment and challenge of physical activity and sport.

Value the contributions of physical activity and sport to wellbeing and society.

Course Overview

Term 1 – Enhancing Performance – Athletics (Theory), Athletics (Practical)

Term 2 – Body Systems and Energy for Physical Activity (Theory), Cross Country, Winter Sports (Practical)

Term 3 – Fundamentals of Movement Skills and Development – Fitness (Theory), Fitness and Court Sports (Practical)

Term 4 – Issues in Sport (Theory), Summer Sports (Practical)

Advantages of studying this elective

Recreation, physical activity, sport and related health fields provide legitimate career pathways. This course provides students with a broad understanding of the multifaceted nature of these fields. It also introduces students to valuable and marketable skills in organisation, enterprise, leadership and communication. Students with these skills will be positioned to make a strong contribution to their community as physical activity and sport provides a major context for both voluntary and paid work across Australia. Students will have opportunities to participate in gala days, sports carnivals, refereeing and sports related excursions.

PASS – SOCCER

Contact: Mr Nenad Kelava (Head Teacher PDHPE)

Course Description

The ultimate aim of this Physical Activity and Sports Studies Soccer elective is to enhance our students' capacity to participate effectively in physical activity and sport through a spectrum of soccer orientated games and activities. Additionally, this elective aims to foster a strong sporting culture with heavy emphasis on participation and learning through movement. This ultimately leads to improved quality of life for both the students and others.

What will students learn about?

Develop a foundation for efficient and enjoyable participation and performance in physical activity and sport through a spectrum of football orientated games and activities.

Develop knowledge and understanding about the contribution of physical activity and sport to individual, community and societal wellbeing.

What will students learn to do?

Enhance the participation and performance of themselves and others in physical activity and sport.

Develop the personal skills to participate in physical activity and sport with confidence and enjoyment.

Course Overview

Moving with skill – ball mastery
History of Football
Make Your Move - 1v1 challenge
Laws of the Game
Small Side Games and Activities
Possession Based Football
The Body in Action

Advantages of studying this elective

Learn all aspects of football development from a high level coach. Mr Kelava worked for Football NSW and has also been a Youth Technical Development Officer in multiple Premier League Clubs.

MYSTERIES & DISASTERS (HISTORY ELECTIVE)

Contact: Mr Michael Kapitanow (Head Teacher HSIE)

Course Description

This course is designed for students of all abilities who have an interest in and enjoyment of exploring the past. The aim is to encourage students' interest and enjoyment in history, to develop a critical understanding of the past, and to enable them to participate as informed, responsible and active citizens. It can be studied along with mandatory History in Years 9 and 10.

What will students learn about?

Students explore the nature of history and the methods that historians use to construct history through a range of thematic and historical studies. A selection of ancient, medieval and modern societies will be studied in relation to themes

What will students learn to do?

Students will develop:

A knowledge and understanding of history and historical inquiry

A knowledge and understanding of past societies and historical periods

Skills to undertake the processes of historical inquiry

Skills to communicate their understanding of history

Students value and appreciate:

history as a study of human experience-

the opportunity to develop a lifelong interest in and enthusiasm for history-

the nature of history as reflecting differing perspectives and viewpoints

the opportunity to contribute to a just society through informed citizenship

the contribution of past and present peoples to our shared heritage.

Course Overview

In Year 9 students will complete the following topics:

Jack the Ripper & Crime and Punishment (including the assassination of JFK)

World Myths and Legends – superstitions, werewolves and vampires

Sick through the Ages

Ancient Europe - Greek and Roman Myths World Myths and Legends – Aliens and UFO's

Archaeological sites & Historical Reconstructions – Dinosaurs

In Year 10 students will complete the following topics:

Natural disasters in history

The Titanic and famous sea disasters

Famous air disasters

Life and times of Henry VIII

Pirates past and present

All topics in Year 9 and 10 will involve Film as History – an investigation of 'historical' Hollywood movies.

Advantages of studying this elective

This elective provides students with excellent opportunities to improve their literacy, numeracy and research skills.

These skills are vital in determining success in HSC courses where extended responses or essays are required. The course is especially beneficial for students considering studying Ancient or Modern History in the HSC. Computer technology is integrated throughout the course allowing students to learn and enhance their 21st century skills.

COMMERCE

Contact: Mr Michael Kapitanow (Head Teacher HSIE)

Course Description

Commerce is an exciting subject that provides the knowledge, skills, understanding and values that form the foundation on which young people make sound decisions on consumer, financial, business, legal and employment issues. It develops in students an understanding of commercial and legal processes and competencies for personal financial management. Commerce provides for a range of learning styles and experiences that suit the interests and needs of all students.

What will students learn about?

Commerce will allow students learn about a range of different topics that influence their lives on a daily basis. These topics include:

Consumer Choice
Law and Society
Travel

Promoting and Selling
Community Participation

What will students learn to do?

Commerce will allow students to develop an understanding of the relationships between consumers, businesses and governments in our society. Through their investigation of these relationships, students develop the capacity to apply problem-solving strategies which incorporate the skills of analysis and evaluation. Students engage in the learning process which promotes critical thinking, reflective learning and the opportunity to participate in the community.

Course Overview

The topics for Year 9 are: Consumer Choice (Term 1); Law and Society (Term 2); Travel (Term 3) & Promoting and Selling (Term 4)

The topics for Year 10 are: Law and Society (Term 1); Employment Issues / Towards Independence (Term 2); Law in Action (Term 3) & Political Involvement (Term 4)

Advantages of studying this elective

Commerce will assist students to function competently in our democratic and pluralistic society by providing them the knowledge and skills to develop the ability to research information, evaluate options, and participate in collaborative decision-making within the commercial and legal framework and acquire the necessary skills to become self-directed lifelong learners.

On an educational level, Commerce provides an excellent pathway for HSC subjects in the Social Science faculty which include Business Studies, Legal Studies, Society and Culture and Economics.