
CURRICULUM STAGE 5



SUBJECT CHOICES
for

YEAR 9 – 2021
YEAR 10 – 2022

Message to Parent and Students

INTRODUCTION

Students entering Year 9 can look forward to interesting and challenging choices in their education.

Students entering Year 10 are working towards achieving their Record of School Achievement (ROSA) for Stage 5. Successful completion of this certificate is required prior to enrolling in the Higher School Certificate (HSC).

All courses are divided into two groups: Compulsory courses and Elective courses.

COMPULSORY COURSES

All students study the following courses:

English
Mathematics (5.3, 5.2, 5.1)
Science
Geography
History
Personal Development, Health & Physical Education

ELECTIVE COURSES

Students will study three (3) elective courses across Stage 5, in Years 9 and 10.

All Students are to select six (6) electives in order of preference, numbering them 1 to 6.

NOTE: TSP students will have their sport program as their 1st preference.

Students must choose their electives very carefully and ensure their choices are prioritised.

WHY ELECTIVE COURSES ARE IMPORTANT

Studying subjects that you like and capture your interest adds to the enjoyment of your school experience. Everyone is good at something. Doing subjects you are good at allows you to further develop your skills and knowledge.

The subjects you choose at school can support the type of career you may pursue. However, please note that students are eligible for all subjects in Stage 6, regardless of the electives they study in Stage 5.

HOW DO YOU DECIDE?

Make time to consider your choices.

Find out:

- o What subject choices are available?
- o What subjects you will be interested in?
- o What subjects you are good at?

NEEDING HELP?

WHO	HOW
Subject Teachers	Can give you feedback on the skills and subjects they believe you are good at.
Careers Adviser	Can help you identify a career path and provide information about which subjects are useful for particular careers.
Year Advisor Deputy HT Admin (students)	Can help by talking over your ideas and addressing any concerns you may have.
Your Parents	They want the best for you. If you have differing ideas, or if they'd like more information, please encourage them to contact the school.
You	Research, seek help from the right people and be confident about your decisions.

IT'S YOUR FUTURE!

THE GOLDEN RULES FOR CHOOSING SUBJECTS	
Ability	Choose subjects you are good at
Interest	Choose subjects in which you are interested
Motivation	Choose subjects you really want to learn
Challenge	Choose subjects which will challenge you and through which you will grow as a person

TYPES OF COURSES OFFERED

<u>NESA</u>	Course content developed by NESA; recorded on the ROSA
<u>School Developed</u>	Course content developed by HSHS to meet student interest; not recorded on ROSA

Many elective courses have been listed in this booklet and it is essential to understand that a course will only run if sufficient numbers of students choose that course.

A situation may arise where too many students choose a course but there are not sufficient numbers to create a second class. In this case the students who submit their courses late will be placed in a class taken from their reserve choices.

Many courses have fees that cover the cost of materials and we have attempted to keep fees to a minimum.

It is important to consider course fees and your ability to pay them when choosing your courses, as it is essential that these fees are paid early in the year.

When choosing electives, it is crucial to consider:

- ☐ Abilities and talents
- ☐ Interests
- ☐ Career aspirations

This is a very personal choice and students are advised to ignore outside pressure when selecting a particular course.

If you have any questions about specific courses please consult the Head Teacher or course co-ordinator concerned.



Ms Rachel Byrne
Principal

COURSES OFFERED

NESA COURSES	Fee	SCHOOL DEVELOPED COURSES	Fee
Aboriginal Studies	nil	All of space and time	nil
Child Studies	TBA	Calling DR Hunter	\$10
My money My future (Commerce)	nil	Defining the unknown	nil
Design and Technology	\$50	Fiction to Film	nil
Food Technology	\$100	Lights, Camera, Action!	nil
Understanding the world (Geography)	nil	Our Changing World	\$10
Mysteries and conspiracies (History)	nil		
iSTEM	\$30		
Industrial Tech – Engineering	\$50		
Industrial Tech – Metal	\$50		
Industrial Tech – Timber	\$50		
Information & Software Tech	\$100		
Japanese	\$10		
Marine & Aquaculture Technologies	\$50		
Music Performance	\$30		
Music	\$40		
Physical Activity & Sport Studies	TBA		
Photography and Visual Design	\$40		
Visual Art	\$40		

ELECTIVE COURSES

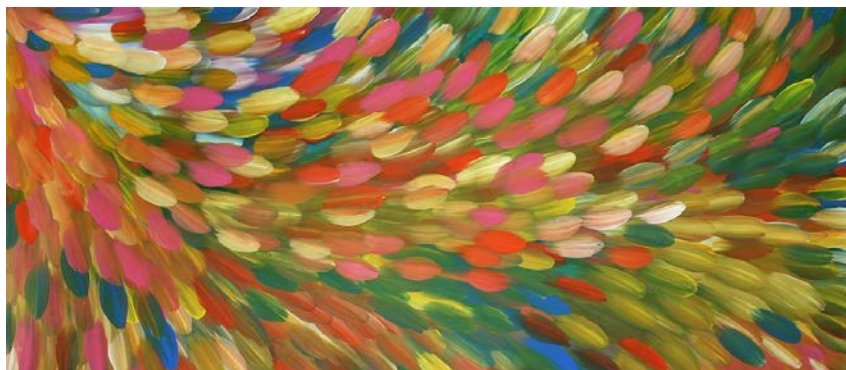
Aboriginal Studies

Aboriginal Studies gives you the opportunity to develop knowledge and understanding of Aboriginal Peoples, histories and cultures. It is designed to be inclusive and of value to Aboriginal and/or Torres Strait Islander students and non-Aboriginal students.

You will learn about the historical and contemporary experiences of Aboriginal Peoples. As a result, you can become an active and informed advocate for a fair, just and inclusive world.

In Aboriginal Studies you will undertake a range of learning opportunities and will study topics that focus on

- Aboriginal Peoples' and Torres Strait Islander Peoples' identities and cultures
- The Stolen Generations
- Aboriginal art
- Aboriginal artists and musicians
- Film and television
- Aboriginal athletes and sport



Aboriginal Studies will help prepare you for the following Year 11 and 12 courses:

- Legal Studies
- Geography
- Aboriginal Studies
- Modern History
- Ancient History

FEES:	Nil. Excursions are involved in this course and will involve some cost.
REQUIREMENTS:	BYOD
CONTACT:	Mr. Harrison – Head Teacher HSI E

All of Space and Time

Interested in the universe?
Interested in human civilization?
Interested in the future?

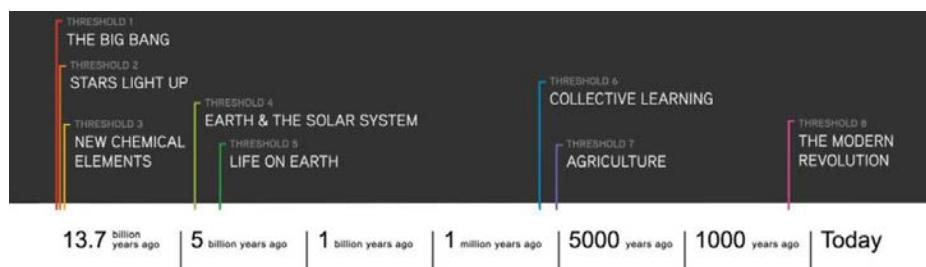
This elective explores different scales of time and space to view human history **from new angles. What do we know about our past? What don't we know? And** how can all of this help shape our ideas of what the future may hold? It starts before what most people think of as the beginning of time, and ends in the future.

In this course students have the opportunity to explore:

- The Big Bang
- Stars and the Solar System
- New Chemical Elements
- Life and its origins
- Collective living
- Modern Revolution
- Agriculture
- Whats Next?



Concepts studied in this elective have knowledge coming from a science perspective and humanities. This course is developed and revised by Macquarie University. It provides an opportunity to explore board concepts and utilize content develop by tertiary institutions.



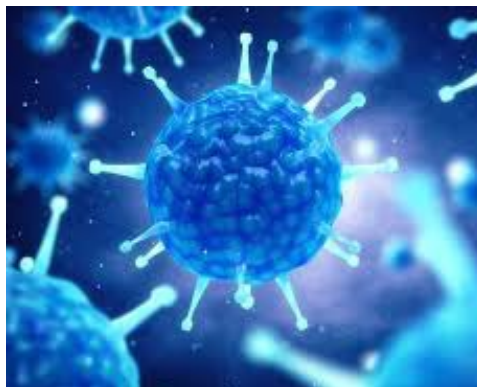
FEES:	NIL
REQUIREMENTS:	BYOLD
CONTACT:	Mrs McKenzie (Head Teacher Science) Mr Harrison (Head Teacher HSIE)

Calling DR Hunter

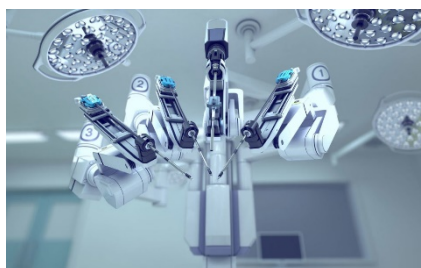
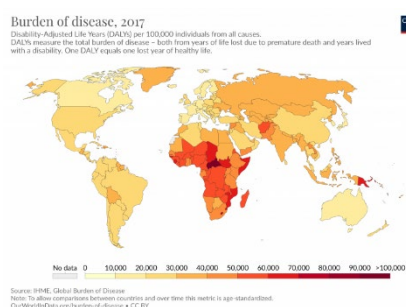
This elective course is designed to address students who have an interest in health and medicine. It will provide an opportunity for students to explore real world scenarios and think critically about some of the key issues impacting our health and wellbeing.

In this course students have the opportunity to explore:

- Disease – types, treatments, preventions
- Vaccinations – a critical look at the science and the viewpoints
- Tracking disease – genetics, epidemiology and predicting outbreaks
- Medical Technology – the past and the future
- Alternative Medicine – what are some different approaches to health and why are they valued
- Health Fads – the popular health approaches – how healthy are they



This course will be a combination of practical activities and stimulating discussion along side learning. Students will have an opportunity to contribute to the areas studied and take a lead on their learning.



FEES:	\$ 10
REQUIREMENTS:	NIL
CONTACT:	Mrs McKenzie (Head Teacher Science)

CHILD STUDIES

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

Child **Studies** assists students to understand the significant impact of the child's environment and the role that the child and others can take in the active construction of this environment.

Learning in Child Studies promotes in students a sense of empathy for children, their parents, caregivers and those that have the potential to influence the learning environments. It contributes to the development in young people of an understanding and appreciation of the range of ways they can positively affect the wellbeing of children through roles in both paid and unpaid contexts.

MODULES COVERED			
Preparing for Parenthood	Conception to Birth	Family Interactions	Growth and Development
Play and the developing child	Health and Safety in Childhood	Food and Nutrition in Childhood	Media and Technology in Childhood



FEES:	Depending on elective choices some costs involved in excursions or resources.
REQUIREMENTS:	BYOD + 96 page A4 exercise book
CONTACT:	Miss Wilson (PDHPE Head Teacher)

Commerce – My money, my future

Commerce – My money, my future provides you with the knowledge, understanding and skills to make sound decisions about what you buy now and in the future, how to manage your money and job opportunities that you may have now and in your future. You will investigate how businesses operate and also how the legal system works.

In Commerce – My money, my future you will undertake a range of learning opportunities and will study topics that focus on

- Business, business people and entrepreneurs
- Jobs and employment issues you may face
- Laws and the legal system
- Investing money
- Running a business
- Travel
- Making major purchases and moving from home



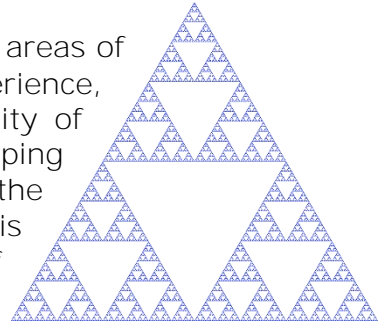
Commerce – My money, my future will help prepare you for the following Year 11 and 12 courses:

- Legal Studies
- Business Studies

FEES:	Nil. Excursions are involved in this course and will involve some cost.
REQUIREMENTS:	BYOD
CONTACT:	Mr. Harrison – Head Teacher HSI E

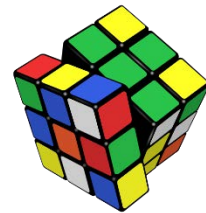
Defining the Unknown

The purpose of the course is to introduce students to different areas of mathematics that they would not otherwise encounter or experience, and to assist students in seeing and appreciating the ubiquity of mathematics in the universe. This course assists in developing mathematical thought and skills that will be valuable for the Advanced and Extension Mathematics Pathways in Stage 6. This is an enrichment course that emphasises branches of mathematics that are seldom explored in traditional courses.

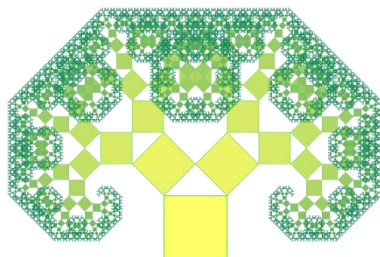
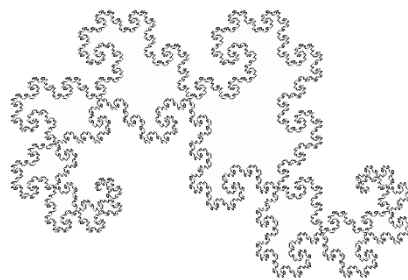
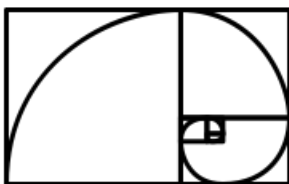


In this course students have the opportunity to explore:

- Beauty and Mathematics
- Fractals: The Mathematics of Self-Similarity
- Set Theory: The Families of Mathematics
- Drawing Boundaries and Pushing on Them: Definitions and Undefinables
- Matrices: The Workhorses of Mathematics
- Cryptography: The Mathematics of Secrecy
- Paradoxes: When Mathematics **Doesn't Make Sense**
- Play: The Mathematics Behind Games



This course is unlike regular mathematics classes in terms of learning activities and the concepts explored. Instead an emphasis is placed on branches of mathematics that are not understood through repetitive exercises, nor assessed in traditional examination formats. Students will have the opportunity to create artworks using mathematics, work collaboratively in groups to produce videos, participate in a variety of hands-on class activities and choose other areas in Mathematics to explore. This elective option is a 1-year course option for either Year 9/10 students.



FEES:	NIL
REQUIREMENTS:	NIL
CONTACT:	Miss Kelly (Mathematics Teacher)

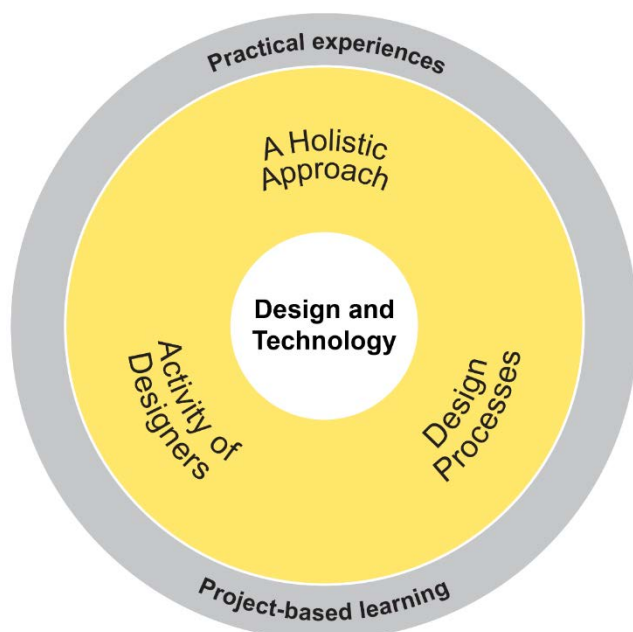
DESIGN and TECHNOLOGY

Design and Technology is delivered through units of work that integrate core content with project work in the creation and documentation of designed solutions. During the study of each unit students are required to undertake practical activities designed to refine and enhance student knowledge, understanding and skills. Units of work are developed to meet student needs and interests.

Each unit of work must align with one of the context areas and explore a focus area of design.

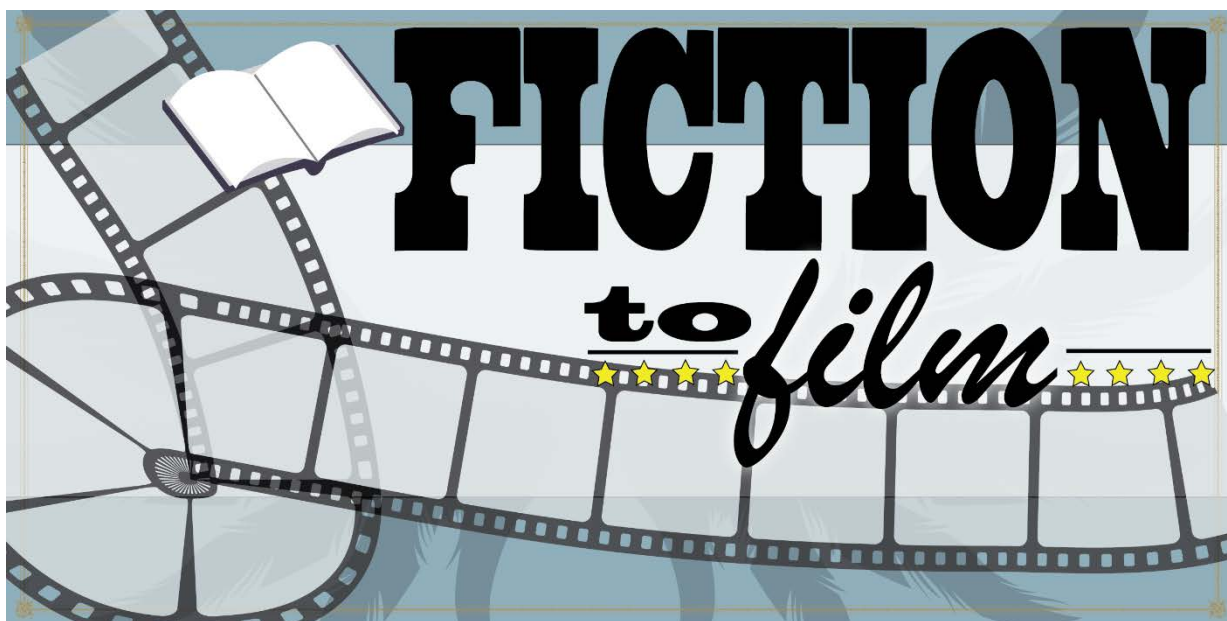
Students undertake a range of learning opportunities in the following modules:

CORE MODULES COVERED		
A Holistic Approach	Design Processes	Activity of Designers
PRACTICAL PROJECTS & EXPERIENCES In the following context areas: Digital Technologies Engineered Systems Food Technologies Information and Communication Technologies Material Technologies		



FEES:	\$50.00
REQUIREMENTS:	Fully enclosed footwear with solid uppers must be worn with WHS legislation and DoE policies. Suitable BYOD (laptop)
CONTACT:	Mrs. Hines (TAS Head Teacher)

Fiction to Film.



In this elective, students will explore the re-imagining of literary texts into the world of film. Students will participate in a close study of a range of substantial literary text, and then explore the way auteurs have transitioned the worlds in the novels into visual, moving texts. Students will compare and contrast the successes and concerns raised by the literary choices of both composers and develop critical responses that explore the conversations that are had between an original text and the re-imagined text.

Students who choose this elective will demonstrate interest in and the willingness to develop skills in:

- ❖ Collaborative discussion
- ❖ Debating
- ❖ Literary techniques
- ❖ Film conventions
- ❖ Critical thinking
- ❖ Extended writing



FEES:	NIL
REQUIREMENTS:	Suitable BYOD (laptop)
CONTACT:	Ms Roberts (English Head Teacher)

FOOD TECHNOLOGY

The study of Food Technology provides students with a broad knowledge and understanding of food properties, processing, preparation and their interrelationships, nutritional considerations and consumption patterns. It addresses the importance of hygiene and safe work 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.

In Food Technology students develop their food-specific skills, which can then be applied in a range of contexts, enabling students to produce quality food products. Students explore food-related issues through a range of practical experiences, allowing them to make informed and appropriate choices. They are provided with opportunities to develop practical skills in preparing and presenting food to enable them to select and use appropriate ingredients, methods and equipment.

Students undertake a range of learning opportunities in the following modules:

MODULES COVERED			
Food in Australia	Food Equity	Food Product Development	Food Selection and Health
Food Service and Catering	Food for Specific Needs	Food for Special Occasions	Food Trends



FEES:	\$100.00
REQUIREMENTS:	Fully enclosed footwear with solid uppers must be worn with WHS legislation and DoE policies. Suitable BYOD (laptop)
CONTACT:	Mrs. Hines (TAS Head Teacher)

Understanding the World

Understanding the World gives you the opportunity to explore your interest with the world. It is the study of places and the relationships between people and their environments. You will be encouraged to question why the world is the way it is, reflect on your responsibilities for the world and propose actions to shape a sustainable future.

In Understanding the World you will undertake a range of learning opportunities and will study topics that focus on

- Volcanoes and earthquakes
- Weather and major weather events
- **The importance of the world's oceans**
- Global environmental challenges



Understanding the World will help prepare you for the following Year 11 and 12 courses:

- Geography
- Legal Studies
- Business Studies

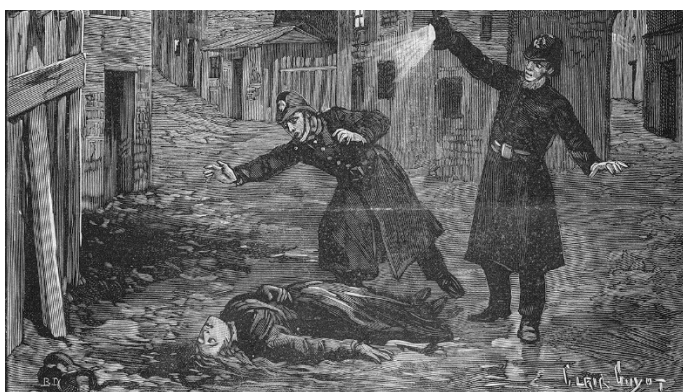
FEES:	Nil. Excursions are involved in this course and will involve some cost.
REQUIREMENTS:	BYOD
CONTACT:	Mr. Harrison – Head Teacher HSI E

History – Mysteries and conspiracies

History – Mysteries and conspiracies provides you with opportunities to explore human actions and achievements. Studying History – Mysteries and conspiracies is much more than the simple presentation of facts and dates from the past. You will develop the skills to answer the question 'How do we know?'. The study of History – Mysteries and conspiracies allows you to investigate the actions, motives and lifestyles of people over time. It introduces the idea that the past contains many stories and that there is never only one uncontested version.

In History – Mystery and conspiracies you will undertake a range of learning opportunities, study societies from around the world and study topics that focus on

- Film and movies as history
- Historical fiction
- Heroes and villains
- Sport and history
- Crime and punishment
- Myths and legends
- War and peace



History – Mysteries and conspiracies will help prepare you for the following Year 11 and 12 courses:

- Modern History
- Ancient History

FEES:	Nil. Excursions are involved in this course and will involve some cost.
REQUIREMENTS:	BYOD
CONTACT:	Mr. Harrison – Head Teacher HSIE

iSTEM

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 iSTEM course utilises these knowledge pillars in their application to Skills, Technology Engineering and Mechanics. This course is all about real world application of these areas.

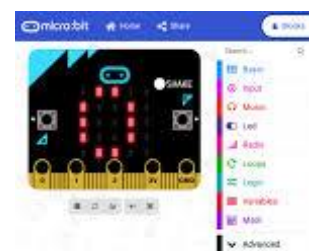
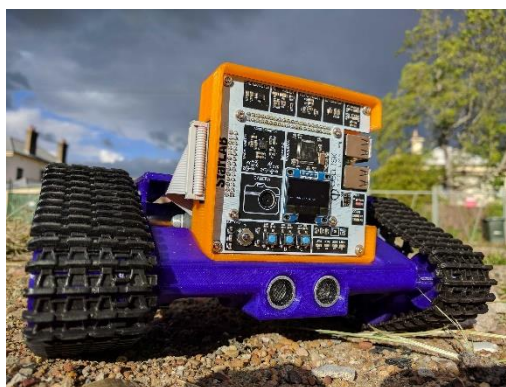
In this course students have the opportunity to explore:

- Aerodynamics
- Biomedical Innovation
- CAD (computer aided design) to construct 3D models
- Electronics
- Robotics
- STEM fundamentals – materials, mechanics, forces etc
- Coding



Throughout this course there are a variety of locally hosted competitions where students have the chance to test their knowledge against students their age on real world scenarios as well as the development of their own major project.

It is about developing the skills for the future!



FEES:	\$ 30
REQUIREMENTS:	NIL
CONTACT:	Mrs McKenzie (Head Teacher Science)

INDUSTRIAL TECHNOLOGY - ENGINEERING

The Engineering focus area provides opportunities for students to develop knowledge, understanding and skills in relation to engineering and its associated industries.

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.

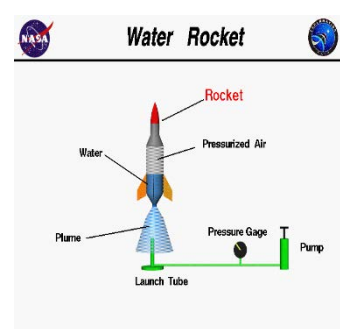
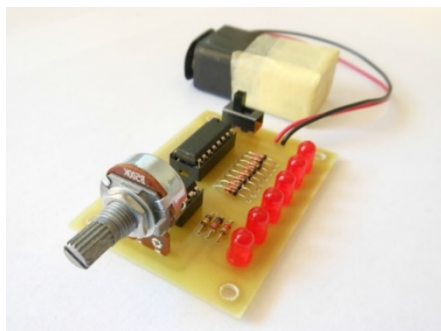
CORE MODULES	SPECIALIST MODULES
<ul style="list-style-type: none"> • OHS and Risk Management • Materials • Equipment, Tools and Machines • Engineering Principles and Processes • Links to Industry • Design • Workplace Communication Skills • Societal and Environmental Impact 	<ul style="list-style-type: none"> • Control Systems • Alternative Energy

Practical projects reflect the nature of the Engineering focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to engineering. These may include:

- ☐ a range of devices and appliances
- ☐ electronic and mechanical control systems
- ☐ programmable microcontrollers
- ☐ robotics
- ☐ small structures
- ☐ small vehicles

Learning Experiences include:

- ☐ Student-centered learning experiences including:
 - o Undertaking Engineering projects
 - o Problem-based learning approach to learning and developing practical solutions
- ☐ Use of specialised equipment including drill press, lathe, heat treatment equipment, gas and electric welders, cold saws, angle grinder, hand power tools,
- ☐ Correct and safe use of various hand tools



FEES:	\$50.00
REQUIREMENTS:	Fully enclosed footwear with solid uppers must be worn with WHS legislation and DoE policies.
CONTACT:	Mrs K. Hines (TAS Head Teacher)

INDUSTRIAL TECHNOLOGY - METAL

The Metal focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the metal and associated industries.

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

CORE MODULES	SPECIALIST MODULES
<ul style="list-style-type: none"> • OHS and Risk Management • Materials • Equipment, Tools and Machines • Techniques • Links to Industry • Design • Workplace Communication Skills • Societal and Environmental Impact 	<ul style="list-style-type: none"> • Metal Machining • Fabrication

Practical projects reflect the nature of the Metal focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to metal-related technologies. These may include:

- ☐ sheet metal products
- ☐ metal machining projects
- ☐ fabricated projects

Learning Experiences include:

- ☐ Use of specialised equipment including drill press, lathe, heat treatment equipment, gas and electric welders, cold saws, angle grinder
- ☐ Correct and safe use of various metalwork hand tools
- ☐ Construct major project for the ROSA



FEES:	\$50.00
REQUIREMENTS:	Fully enclosed footwear with solid uppers must be worn with WHS legislation and DoE policies
CONTACT:	Mrs K. Hines (TAS Head Teacher)

INDUSTRIAL TECHNOLOGY - TIMBER

The Timber focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the timber and associated industries.

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.

CORE MODULES	SPECIALIST MODULES
<ul style="list-style-type: none"> • OHS and Risk Management • Materials • Equipment, Tools and Machines • Techniques • Links to Industry • Design • Workplace Communication Skills • Societal and Environmental Impact 	<ul style="list-style-type: none"> • Cabinetwork • Wood Machining

Practical projects undertaken 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
- ☐ decorative timber products
- ☐ storage and display units



FEES:	\$50.00
REQUIREMENTS:	Fully enclosed footwear with solid uppers must be worn.
CONTACT:	Mrs K. Hines (TAS Head Teacher)

Japanese

The study of Japanese contributes to the overall education of students, particularly in the areas of communication, cross-cultural understanding, literacy and general knowledge.

Students can gain access to both the language and the rich cultural traditions of Japan, as well as an understanding of different attitudes and values within the wider Australian community and beyond.

Students will have an opportunity to:

- Learn to speak, read, write and listen to Japanese through interesting units including Survivor Japan, Robots, The Amazing Race, Food Glorious Food, Theme Parks, Folktales, Ninja, Samurai, Hiragana Belts, Olympics 2020, Funky Fashion, J-pop and more.
- Read and write in hiragana, katakana and kanji
- Produce spoken texts in familiar situations
- Understand spoken Japanese on podcasts, movies and YouTube clips
- Demonstrate knowledge and appreciation of various aspects of Japanese culture

Learning experiences may include:		
Cooking your own Japanese meal	Celebrating Japanese festivals	Using Virtual Reality
Creating your own manga and anime	Appreciating Japanese movies	Opportunities to engage with Japanese schools and students



FEES:	\$ 10.00
REQUIREMENTS:	Exercise Book
CONTACT:	Mr Carter/Mrs Knight

Lights, Camera, Action!



In this elective, students will use ProBL skills and collaboratively produce a short film or stage production. This elective will allow students to develop skills and knowledge in the art of scriptwriting, costume design, soundtrack production, filming, directorial choices and acting.

Students who choose this elective will demonstrate interest in and the willingness to develop skills in:

- ❖ Group work
- ❖ Decision-making
- ❖ Improvisation
- ❖ Role play
- ❖ Film conventions
- ❖ Creative writing



FEES:	NIL
REQUIREMENTS:	Suitable BYOD (laptop)
CONTACT:	Ms Roberts (English Head Teacher)

MARINE & AQUACULTURE TECHNOLOGY

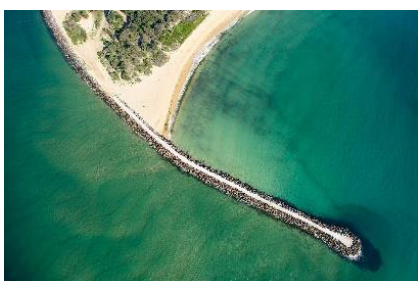
In Marine and Aquaculture Technology students explore the relationship between the physical and mechanical properties of a range of relevant and associated materials and marine resources and their functional applications. They identify and select appropriate resources for the participation of practical projects and activities.

Through experiences in a range of practical activities, such as field trips and swim testing, students develop an appreciation of the value of working collaboratively with others in the achievement of common goals, gaining personal satisfaction and enjoyment. These skills form the basis that enables students to continue their learning experiences in many lifestyle and leisure activities.

Students identify and critically evaluate marine and aquaculture products and environmental solutions that have been well designed and produced, and which fulfil their intended function. They apply design criteria to the planning, development and evaluation of their projects.

Students investigate the impact of current and emerging technologies on society and the marine and related environments. They describe the effect of these technologies on the local and global environment and envisage future directions.

CORE MODULES	SPECIALIST MODULES
<ul style="list-style-type: none"> Core 1 – Introduction to Marine and Aquaculture Technology 	<ul style="list-style-type: none"> The Oceans Waves & tides Dangerous Marine Creatures Fish biology Basic Snorkelling
<ul style="list-style-type: none"> Core 2 – Skills, Management and Employment 	<ul style="list-style-type: none"> Rock Platforms Marine Mammals Antarctica's Marine Ecology Introducing Estuaries Living Together in the Sea Food from the Sea



FEES:	\$50.00
REQUIREMENTS:	Fully enclosed footwear with solid uppers must be worn.
CONTACT:	Mrs K. Hines (TAS Head Teacher)

MARINE & AQUACULTURE TECHNOLOGY

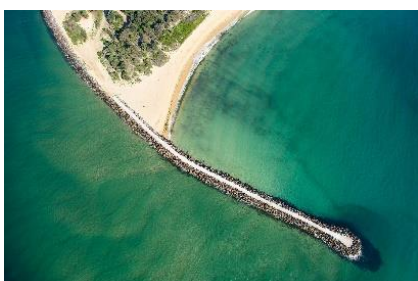
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FEES:	\$50.00
REQUIREMENTS:	Fully enclosed footwear with solid uppers must be worn.
CONTACT:	Mrs K. Hines (TAS Head Teacher)

Music Performance

Music Performance provides opportunities for creativity through immersion in practical, musical learning experiences. The development of performance skills in small ensembles as well as awareness of stage management and sound set up allows expression and confidence to perform as a team player in a band.

Music education enhances learning skills, communication skills, creativity, team work, discipline, cultural awareness, respect for others, and self-esteem through personal accomplishment. Performance, stage and sound management and production are the core focus of the course. The use of current and emerging music technology and an understanding of how the recording process works will enhance opportunities for creative capacities in IT.

Students undertake a range of learning opportunities in the following modules:

MODULES COVERED			
Band Gig Guide	Stage Management	Australian Popular Music	Triple J Unearthed
Performance and Music Technology	Sound Production	Artist Research	Like A Version Cover Creation



FEES:	\$ 30
REQUIREMENTS:	Instruments will be provided for class use.
CONTACT:	Mrs Hudson and Mrs Ward Mrs Knight – Head Teacher CAPAL/Wellbeing

Music

This course will allow students to:

- actively participate in performing, composing and listening tasks
- experiment with Music technology software and hardware
- demonstrate an awareness and appreciation of cultural traditions and present practices
- express themselves in ensembles or solo performances
- read and write music in order to perform

Topics studied can include: Australian music, Rock Music, Television/Radio/Film Music, Jazz, Vocal Music, Classical Music etc

Students will receive specialized tutoring in keyboard, guitar and drums. Skills in practical stage management will also be developed.



FEES:	\$ 40.00
REQUIREMENTS:	Music book
CONTACT:	Mrs Ward, Mrs Hudson, Mrs Knight

Our Changing World

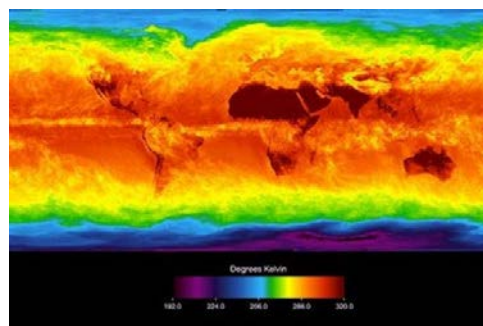
Interested in our world? The changes? The data? This elective is designed to allow students to explore the abundance of information and viewpoints about the ever changing state of our world. For students that have an interest in the earth and environmental issues.

In this course students have the opportunity to explore:

- Weather patterns
- Natural disasters – cause and impact
- History of earths climate
- Evidence for and against climate change
- Human impact on Planet Earth
- Research methodology
- Technologies



This course will be a combination of practical activities and stimulating discussion along side learning. Students will have an opportunity to contribute to the areas studied and take a lead on their learning.



FEES:	\$ 10
REQUIREMENTS:	NIL
CONTACT:	Mrs McKenzie (Head Teacher Science)

PHYSICAL ACTIVITY & SPORTS STUDIES (PASS)

Hunter Sports High School will offer three strands of Physical Activity and Sports Studies (PASS). These include;

- High performance PASS
- High performance Football (Soccer) PASS
- General PASS

Both high performance strands will go deeper into information and skills needed for improved performance for athletes within their sport. The general strand will be offered to students who appreciate movement, health and fitness and who wish to broaden their general knowledge and experiences.

Students undertake a range of learning opportunities in the following:

LEARNING EXPERIENCES			
Fitness analysis and laboratories	Use of technology in sport	Organisation of school sporting events	Recreational activities
Practical experience in a variety of sports	Computer simulations	Lifesaving and water survival	CPR and sports strapping



FEES:	Depending on elective choices some costs involved in excursions, coaching accreditations, etc.
REQUIREMENTS:	Full PE uniform must be worn, 96 page A4 exercise book
CONTACT:	Miss Wilson (PDHPE Head Teacher)

Photography and Visual Design

In Photography and Visual Design, students will develop knowledge, understanding and skills to make:

- photographic and digital works through still, interactive and moving mediums
- visual design artworks through print, object and space-time mediums

Students will have an opportunity to:

- Create a range of photographic and digital media art works
- Explore how their own lives and experiences can influence their art making.
- Study the evolution of photography and digital media as well as how photographers, videographers, film-makers, computer/digital and performance artists make photographic and digital media works

Learning experiences may include:		
Digital Photography	Computer Generated Images	Digital manipulation of photographs
Web Design	Video	Animation



FEES:	\$ 40.00
REQUIREMENTS:	A4 sketchbook
CONTACT:	Mr Frazier, Miss Smith, Mrs Knight

INFORMATION & SOFTWARE TECHNOLOGY

Information and Software Technology Years 7–10 provides students with the opportunity to develop computational, systems and design thinking skills through the development of practical projects.

The course provides students with specialised knowledge of past, current and advancing technologies, data, hardware, software and the roles of people involved in information and software technology. Students explore developments and future directions in the exciting and challenging field of information and software technology.

The course fosters an interest in, enjoyment of and encourages critical reflection of information and software technology as an integral part of modern society.

Students undertake a range of learning opportunities in the following modules:

MODULES COVERED			
Artificial Intelligence, Simulation and Modelling	Internet and Website Development	Robotics and Automated Systems.	Design, Produce and Evaluate
Authoring and Multimedia	Software Development and Programming	Past, Current and Emerging Technologies	Digital Media



FEES:	\$100.00 to cover costs of various course projects
REQUIREMENTS:	Suitable BYOD (laptop)
CONTACT:	Mrs. Hines (TAS Head Teacher)

Visual Arts

In this course you will have the opportunity to:

- Make artworks using a range of techniques in a variety of forms
- Explore how your own life and experiences can influence your art making
- Investigate and respond to a wide range of artists and artwork

Learning experiences can include:

- Drawing
- Painting
- Making clay objects
- Sculpting
- Photography



FEES:	\$ 40.00
REQUIREMENTS:	A4 or A3 Visual Arts Process Diary (sketchbook)
CONTACT:	Mr Frazier/Miss Smith/Mrs Knight