CALLAGHAN COLLEGE
WALLSEND CAMPUS

YEAR 9

Subject & Elective Information Booklet

2020

INDEX

CORE SUBJECTS AND ELECTIVE SUBJECTS 4
CHOOSING COURSES 4
GENERAL CONTRIBUTION AND COSTS 5
WORKPLACE HEALTH & SAFETY (WHS) ACT REQUIREMENTS 5

CORE SUBJECTS

ENGLISH 6
MATHEMATICS 6
SCIENCE 7
GEOGRAPHY 8
HISTORY 9
PERSONAL DEVELOPMENT/HEALTH/PHYSICAL EDUCATION 10

ELECTIVE SUBJECTS

ABORIGINAL STUDIES - FEE: NIL 11
ART - FEE: $40.00 11
CHILD STUDIES - FEE: $80.00 12
COMMERCE & LAW - FEE: NIL 12
DANCE - FEE: NIL 13
DESIGN & TECHNOLOGY (Food , Marketing & Hospitality Design Projects) - FEE: $135.00 13
DIGITAL MEDIA AND PHOTOGRAPHY - FEE: $40.00 14
DRAMA - FEE: $20.00 14
ELECTIVE HISTORY - FEE: NIL 15
FASHION AND DESIGN (TEXTILES TECHNOLOGY) - FEE: $40.00 15
FOOD TECHNOLOGY - FEE: $135.00 16
GIRLS WHO RUN THE WORLD - HISTORY ELECTIVE - FEE: NIL 16
GRAPHICS TECHNOLOGY - TECHNICAL DRAWING - FEE: $30.00 17
H.E.A.T (Humanities Arts Engineering and Technology) - FEE: $10.00 17
INDUSTRIAL TECHNOLOGY - BUILDING & CONSTRUCTION (Year 9) - FEE: $40.00 18
INDUSTRIAL TECHNOLOGY - ELECTRONICS - FEE: $65.00 18
INDUSTRIAL TECHNOLOGY - JEWELLERY - FEE: $70.00 19
INDUSTRIAL TECHNOLOGY - METAL - FEE: $45.00 19
INDUSTRIAL TECHNOLOGY - TIMBER - FEE: $55.00 19
INTERNATIONAL STUDIES - FEE: NIL 20
INFORMATION & SOFTWARE TECHNOLOGY - FEE: $5.00 20
iSTEM - FEE: NIL 20
JAPANESE - FEE: NIL 21
MUSIC - FEE: $20.00 22
PHYSICAL ACTIVITY & SPORT STUDIES (PASS) – GENERAL - FEE: $15.00 22
PHYSICAL ACTIVITY & SPORT STUDIES (PASS) - RUGBY LEAGUE - FEE: $15.00 22
PHYSICAL ACTIVITY & SPORT STUDIES (PASS) - SOCCER - FEE: $15.00 23

Some subjects require extra equipment. Please see the individual subject entries for more information

INFORMATION FOR STUDENTS AND PARENTS

This booklet has been prepared to give information on courses offered to students entering Year 9 at Callaghan College Wallsend Campus. Subjects to be studied in Year 9 are -

- English
- Mathematics
- Science
- Geography
- History
- PD/Health/PE
- Elective X
- Elective Y

CORE SUBJECTS AND ELECTIVE SUBJECTS

The subjects that are compulsory in Year 9 are the CORE SUBJECTS. These contain knowledge and develop skills and attitudes which are considered *essential learning* for young adults in today's world. The **core subjects** are English, Mathematics, Science, Human Society & Its Environment (History and Geography), and PD/Health/PE. Other subjects are **ELECTIVES** which *make important contributions* to a young person's education and social development.

There is a great variety of **Elective Subjects** which provide for a large range of interests, abilities and needs. They include: **Board Developed Courses** and **Content Endorsed Courses –**

- **BOARD DEVELOPED COURSES** have been written by the NSW Board of Studies. They may be studied for 100 or 200 hours.
- **CONTENT ENDORSED COURSES** have been written by the school and approved by the Board of Studies, some may be studied for 100 hours while others for 200 hours.
- **TRADE TRAINING CENTRE & VET STAGE 6 (Early Commencement)** There will be an opportunity for students entering Year 10 in 2021 to elect to study a Vocational Education & Training (VET) course. The courses that will be offered include **Certificate II - Construction Pathways (CPC20211) and Certificate II Hospitality (SIT20316).** Information on the course requirements and the application process will be made available to students from Term 3 of 2020. As places for these courses are competitive, students will be required to apply where their application will be assessed by a panel to determine placement in the course.

CHOOSING COURSES

In making your elective choices, you should consider:

b) Your **interest** in the subject - students do best at subjects in which they are interested
c) The **type of work** involved

NOTE: Choose your X and Y Electives carefully because you will need to carry both of these into Year 10.

It is important to realise that if a course does not attract sufficient students it will not be offered and the students who made that choice must be given another subject. This booklet contains comprehensive details of Elective Subjects offered at Wallsend Campus, so that students and parents are fully aware of what is offered and can make informed choices.

The following subjects are offered as Elective Subjects:

Aboriginal Studies	Industrial Tech. - Building & Construction (Yr 9)
Art	Industrial Tech. - Electronics
Child Studies	Industrial Tech. – Jewellery
Commerce & Law	Industrial Tech. – Metal
Dance	Industrial Tech. – Timber
Design & Technology (Food, Marketing & Hospitality Design Projects)	Information & Software Technology
Digital Media & Photography	International Studies
Drama	iSTEM
Elective History	Japanese
Fashion & Design (Textiles Technology)	Music
Food Technology	Physical Activity & Sports Studies (PASS)
Girls Who Run the World	PASS - Rugby League
Graphics Technology - Technical Drawing	PASS – Soccer
H.E.A.T (Humanities Arts Engineering and Technology)	

GENERAL CONTRIBUTION AND COSTS

- The general contribution for the eldest student is $60.00 (second and subsequent students $30.00).
- Cost for Electives varies according to the subject chosen. Parents are asked to be aware of costs for materials and other costs when Electives are being chosen. Please see Index of Elective Subjects and individual subject entries for details of costs.

WORKPLACE HEALTH & SAFETY (WHS) ACT REQUIREMENTS

All students in practical classes are required to meet WHS regulations. In practical terms, this means wearing appropriate clothing and personal protective equipment (e.g. an apron, safety glasses, hair net etc.). Covered, leather upper footwear is required and no jewellery or clothing accessories which are deemed unsafe are to be worn. **Students who do not meet WHS requirements may be excluded from classrooms and/or activities.**

COMPULSORY CORE FOR YEAR 9

ENGLISH

In 2020 students will be placed into one of three strands of Stage 5 English, with the aim of providing students with a relevant and engaging course that is directly suited to their abilities and aspirations. Programs have been designed to effectively prepare students for the realities of Stage 6 English and beyond. **Each strand will be assessed and reported on separately.** English will be presented in the following three strands:

Critical English - Gifted and Talented strategies will be embedded throughout a rigorous but highly-engaging program of work. Text choices and activities will be selected and designed to challenge students in areas of critical, contextual and creative thinking. This course will prepare students who are looking to study Advanced or Extension English in Stage 6.

English Concepts - Students studying English Concepts in Stage 5 will engage in the same modules as Critical English students however, text choices and activities will be selected and designed to ensure that fundamental compositional and responding skills are further developed and enhanced.

Core English - Core English will be directed towards students who will benefit from a specific focus on language and literacy development embedded in practical, relevant texts and project-based activities that reflect a real-world context. Students will be supported in the development of skills to enhance their personal, social and vocational lives. This course will be best suited to students who are interested in pursuing work or a vocational educational pathway in Stage 6.

ENGLISH REPORT OUTCOMES: Students will be assessed on the following outcomes:

- Writes, speaks and represents a variety of texts, using appropriate processes and technologies
- Composes texts with accuracy, clarity and coherence for a range of audiences, purposes and contexts
- Demonstrates imaginative, interpretative and critical thinking
- Responds to and composes a range of fiction and nonfiction texts to convey an understanding of themselves and the world
- Demonstrates critical and reflective thinking

ASSESSMENT: Students will be assessed in a variety of ways. This may include project-style tasks, in-class writing tasks and visual representations. English tasks have a strong emphasis on real-world audiences.

MATHEMATICS

Knowledge, Skills and Understanding - Students will develop knowledge, skills and understanding in the following ways:

- Through inquiry application of problem-solving strategies including the selection and use of appropriate technology, communication, reasoning and reflection.
- In mental and written computation and numerical reasoning.
- In patterning, generalisation and algebraic reasoning.
- In collecting, representing, analysing and evaluating information.
- In identifying and quantifying the attributes of shapes and objects and applying measurement strategies.
- In spatial visualisation and geometric reasoning.

Values and Attitudes - Students will:

- Appreciate mathematics as an essential and relevant part of life
- Show interest and enjoyment in inquiry and the pursuit of mathematical knowledge, skills and understanding.

- Demonstrate confidence in applying mathematical knowledge, skills and understanding to everyday situations and the solution of everyday problems.
- Develop and demonstrate perseverance in undertaking mathematical challenges.
- Recognise that Mathematics has been developed in many cultures in response to human needs.

The mathematics course in Years 9 and 10 is split into 3 strands: 5.1, 5.2, 5.3. **Each strand will be assessed and reported on separately.**

The 5.1 course focusses on the basic skills in mathematics and further developing a student's numeracy skills. The course 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

The 5.2 course is designed to assist students in working towards studying Standard Mathematics in senior school. There is a focus on the intermediate level of mathematics content to provide students with a well-rounded view of mathematics. The course 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

The 5.3 course leads students towards the more difficult mathematics courses in senior school i.e. Advanced Mathematics, Extension 1 and Extension 2. This is suited for students wishing to pursue careers in mathematics rich areas like Science, Technology, Engineering and Mathematics (STEM), surveying, data analysis and IT. The course 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.

ASSESSMENT: Students will be assessed in a variety of ways, including in class tasks, research assignments and on-going assessments. Tasks may have an IT component.

SCIENCE

Students in Year 9 will be working on the Board of Studies Stage 5 Science Course which is based on the Australian Curriculum.

Science and Technology are of increasing importance and integral to our rapidly changing world. A student's sense of wonder and curiosity about the natural and made world is fostered through actively engaging in the processes of Working Scientifically and Working Technologically. Through questioning and seeking solutions to problems, students develop an understanding of the relationships between science and technology, and the significance of their contribution to and influence on society.

Scientific inquiry is a distinct way of finding answers to interesting questions and solutions to important problems about the natural world locally, nationally and globally, including shaping sustainable futures. Scientific knowledge provides explanations for a variety of phenomena and enables sense to be made of the 'Natural Environment' and the 'Made Environment'. As students engage in posing questions, testing ideas, developing and evaluating arguments based on evidence, they demonstrate honesty and fairness in using the skills of Working Scientifically.

Through applying the processes of Working Scientifically, students use scientific inquiry to develop their understanding of science ideas and concepts, and the importance of scientific evidence in making informed decisions about the uses of science and technology in their lives. They recognise that science advances through the contributions of many different people.

The study of Science and Technology enables students to develop a positive self-concept as learners as well as confidence in, and gain enjoyment from their learning. They become self-motivated learners through active participation in challenging and engaging experiences in order to develop innovative solutions.

The aim of the Science Syllabus Years 7 - 10 is to develop students':

- Interest in and enthusiasm for science, as well as an appreciation of its role in finding solutions to contemporary science-related problems and issues.
- Knowledge and understanding of the nature and practice of science inquiry, and skills in applying the processes of Working Scientifically.
- Scientific knowledge of and about phenomena within the natural world and the application of their understanding to new situations and events.
- Appreciation of the development and dynamic nature of scientific knowledge, its influence in improving understanding of the natural world and the contribution of evidence-based decisions in informing societies' use of science and technology.

Each unit of work is approximately 5 weeks' duration. Units studied in 2019 includes the following:

Semester 1

- Chemical World: Everyday Chemicals
- Biological World: Biodiversity
- Physical World: Electricity
- Physical World: Physics of the Nucleus

Semester 2

- Earth and Space: The Restless Earth
- Biological World: Disease
- Earth and Space: Earth's Resources
- Science Skills

ASSESSMENT: will involve a variety of strategies so that students have the opportunity to show in different ways what they know and can do. This may include day to day classroom application, assignments, problem solving activities, experiments and topic tests related to syllabus outcomes. Students will be required to complete four common assessment tasks throughout the year.

GEOGRAPHY

Geography is a rich and complex discipline involving two key dimensions:

- The spatial dimension – where things are and why they are there.
- The ecological dimension – how humans interact with environments.

A study of Geography builds on students' prior learning and experience to enable them to explain patterns, evaluate consequences and contribute to the management of physical, social, cultural and built environments.

In Year 9, students will study:

- Sustainable Biomes
- Changing Places

Students will learn about:

- A wide range of places and environments on both local and global scales

The study of Geography develops a wide range of skills such as gathering, organising and evaluating geographical information from a variety of sources, including fieldwork. Through the spatial dimension, geography enables students to identify and analyse the physical, social, economic, political, legal and technological factors that influence where things are and why they are there. The ecological dimension requires students to identify and analyse the ways humans interact with environments and in so doing develops students' skills in evaluating arguments and problem-solving. Culture is a key determinant of people's lives and worldview and through the study of Geography students develop knowledge and

understanding of different cultures and develop perspectives that enhance their understanding of the world.

The study of Geography enables students to critically assess the ideas and opinions of others and to form and express their own ideas and arguments. In so doing it forms a basis for active participation in community life, ecological sustainability, creating a just society, promoting intercultural understanding and lifelong learning. Through the study of civics and citizenship students develop knowledge of the decision-making processes that exist at a variety of scales, which informs them of ways they can participate as responsible and informed members of society.

ASSESSMENT: A variety of assessment items will be used such as class tests, projects and authentic assessment. In geography there is a strong focus on inquiry methodologies.

HISTORY

In Year 9 students will be studying the Board of Studies Stage 5 History course which is based on the Australian Curriculum.

OVERVIEW: History is a disciplined process of inquiry into the past that allows students to locate themselves in the broad continuum of human experience. The study of History helps to develop a sense of historical perspective and gain an understanding of the present through the past. This course aims to develop historical skills - such as researching, evaluating, communicating, as well as increasing students understanding of continuity and change, and the forces which have shaped the making of the modern world and Australia.

There have been significant changes to the Stage 5 History syllabus with the introduction the Australian Curriculum. The new course is titled, 'The Making of the Modern World and Australia' and it offers students the opportunity to explore History from a world perspective.

The Stage 5 curriculum provides a study of the history of the making of the modern world from 1750 to 1945. It was a period of industrialisation and rapid change in the ways people lived, worked and thought. It was an era of nationalism and imperialism, and the colonisation of Australia was part of the expansion of European power. The period culminated in World War I (1914-1918) and World War II (1939-1945).

The history of the modern world and Australia from 1945 to the present, with an emphasis on Australia in its global context, follows. The twentieth century became a critical period in Australia's social, cultural, economic and political development. The transformation of the modern world during a time of political turmoil, global conflict and international cooperation provides a necessary context for understanding Australia's development, its place within the Asia-Pacific region, and its global standing.

Year 9 History focus on the making of the modern world in three separate depth studies:

- **Depth Study 1** - *Making a better world?* Students are to study one of the following: The Industrial Revolution, Movement of Peoples or Progressive Ideas and Movements.
- **Depth Study 2** - *Australia and Asia*. Students are to study one of the following: Making a Nation or Asia and the World.
- **Depth Study 3** - *Australians at War.* This is a mandatory study of World Wars I and II.

ASSESSMENT: Semester 1 and Semester 2 reports will be based on class tests and assignments which reflect syllabus outcomes.

PERSONAL DEVELOPMENT/HEALTH/PHYSICAL EDUCATION

Personal Development, Health & Physical Education (PD/H/PE) is an important course for students and the community. The aim of the course is to develop in each student -

- Self-esteem and social well-being.
- Movement skill and personal fitness.
- An ability and commitment to make and act upon informed health decisions.

The course addresses a wide range of personal and community health issues such as nutrition, safety, fitness, active lifestyles, drug use, stress, sex education and child protection. Topics of this nature are important issues facing society today and will be taught in a manner which supports the role of parents and reflects the ideals of the school.

The course also promotes physical activity and the benefits of a healthy lifestyle. It will give students the opportunity to become skilled in a variety of physical activities such as team games, dance, gymnastics, athletics and fitness.

ASSESSMENT: A variety of assessment techniques such as teacher observation, projects, research assignments, lab reports and practical theory tests will provide assessment information in this course.

INDEX OF ELECTIVE SUBJECTS

ABORIGINAL STUDIES **FEE: NIL**

The HSIE faculty is proudly offering Aboriginal Studies as a Year 9 Elective for 2020. This is an exciting course which covers many aspects of Aboriginal culture. Topics include the invasion of Australia, warfare, Aboriginal identity, culture and tradition, the Dreaming, music/dance/art, The Stolen Generations, sport, successful Aboriginal Australians, reconciliation, health, education, crime, housing and so on.

There will be art, excursions, films and guest speakers. Aboriginal Studies will provide an in-depth look into the culture, perspectives and histories of Australia's Aboriginal people.

ASSESSMENT: Enquiry based class tasks

ART **FEE: $40.00**

Learn to make a great artworks, get better at your art making and develop your skills in visual communication. Art focuses on projects and developing creative and problem solving skills. More people are employed in the Creative Arts than ever before. This is a great stepping stone for senior visual art, photography, visual design or graphics.

ART CAREERS - graphic design, advertising and visual promotions, web careers, education, gallery and curating, animation, film and photography, architecture, design-interior, landscape, fashion,

Course outline:

- Composition and Technique - Still Life
- Art movements - Modern art and Impressionism
- Portraiture and the Archibald Prize
- Illustration and Graphics
- Sculpture - wire and clay
- Art in the Environment - street art and Banksy
- Australian art now

Year 9 and Year 10 Visual Art includes painting, drawing, clay work, printmaking, photographic and digital art. Art continues to build on basic art skills and explores new skills and techniques.

We will create works using many drawing and painting materials and tools - pencils, inks, markers, watercolours, brushes, ink nibs and fingers. Learn how to create beautifully resolved works that you will be proud of. We will work on a mural and other group projects. Art students are the ones we ask to help with special art projects in CAPA.

Students will also express themselves sculpturally in clay and other materials, building and constructing in three dimensions. Sometimes decorative, sometimes functional, sculpture is a great way to explore creative expression.

Students investigate Visual Artists to help build understanding, develop insights and learn skills that will inform their own works and we will venture out on excursions to extend our knowledge.

REQUIREMENTS: An A4 sketch book, 2B pencil, soft eraser, sharpener.

EXCURSIONS: Extra cost will apply for excursions

ASSESSMENT: Ongoing in-class projects, practical work and assignments.

CHILD STUDIES — FEE: $80.00

The course covers topics on pre-natal care, conception to birth and care of the new-born. It examines the stages of growth and development, play, family interactions and childcare services. Students will study health & safety and working with children.

There is an emphasis on indigenous culture and also the effects of media and technology on childhood. Children with additional needs are also studied, with the option of working with some students in the support classes to gain experience working with special needs children. Food and nutrition in childhood is discussed and meals are prepared. This course will give students a mixture of theory and practical learning tasks in each unit of study. There is a strong emphasis on digital learning.

It aims to raise awareness of the complexity and issues involved in raising children in the 21st century and children from 0 - 8 years are studied in this course.

Fees for this subject covers the cost of food ingredients, craft items, fabrics used to complete practical tasks and may be paid in instalments.

PROTECTIVE CLOTHING: Students are required to wear protective clothing in all practical cookery and craft-based lessons. This includes full apron, hair net and fully enclosed, leather upper shoes to satisfy Work, Health and Safety (WHS) regulations.

FURTHER STUDY: Students may continue with studies in Year 11/12 in Exploring Early Childhood, Community and Family Studies (CAFS); also TAFE and University after school.

ASSESSMENT: Research assignments, written and oral reports, practical tasks, Online Learning Modules, half yearly and yearly online examinations and resume preparation are some of the forms of assessment.

COMMERCE & LAW — FEE: NIL

Commerce 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.

The law as it stands today is a complex web of legislation and cases that aims to regulate society on a variety of levels. By studying the law in the modern context we gain a better understanding of not only our legal rights, but our moral responsibilities, in contemporary society.

Do you want to have the power to make informed choices on a range of commercial and legal issues in the modern world? If so, then this is the course for you.

The study of Commerce provides you with the knowledge which you can apply to running a business, making sound financial decisions and investing wisely. The study of the Law provides a platform in which to understand your legal rights. Furthermore, knowing the law gives you confidence that you can protect both yourself and your business in the modern world.

Course Outline: The study of commercial and legal concepts such as:

- Finance, e-commerce, our economy and creating your own business
- Contract law, consumer law, cyber law and employment law
- Entrepreneurship, technology and the ethical citizen

ASSESSMENT: Project Based Learning with a focus on investigating topics of the student's choice.

DANCE FEE: NIL

This course is designed for those students who are interested in the study of dance, dance performance, creating dance, dance for films and learning about different styles of dance. Learning in dance and learning through dance enables students to apply their own experiences to their study of dance. They learn to express ideas creatively as they make and perform dances, and analyse dance as works of art.

Both beginners and those students who excel in dance outside the school will enjoy the study of dance. This course has a large practical component encompassing the three practices of performance, composition and appreciation. Students will have the opportunity of performing in the annual Production, as well as the opportunity to audition for the CCWC Dance Troupe and Star Struck Dance Troupe. Students will explore a range of different dance styles through the following units of work:

- Safe Dance, Safe Body
- Unpacking the Elements of Dance
- Jazz Dance: Then & Now
- Musical Theatre
- Choreography In-depth
- Communicating and Expressing Ideas
- Dances of the World

DANCE TROUPE SHIRT: Students have the opportunity to purchase a Dance Troupe shirt, which may be worn on excursions and during rehearsals and dance classes.

COSTUME & EXCURSION: Fees may apply to cover costs of costumes and excursion opportunities

ASSESSMENT: Assessment tasks in Performance, Composition and Appreciation, as well as participation and application in class.

DESIGN & TECHNOLOGY (Food , Marketing & Hospitality Design Projects) FEE: $135.00

This 100 hour course, which runs in Year 9 only, is designed for students interested in applying a range of design concepts and processes. An interest the work of designers and the technologies that they use to complete their work.

Students identify the purpose of design across a number of focus areas of design. These may include agriculture, food technologies, information & communication technologies also materials technologies, such as packaging. Students will be involved in hands-on practical work and marketing ventures.

They will apply design principles to new situations, scenarios, problems and projects within the course. Students will study the activity of designers across a range of settings. They will design ideas considering ethical and responsible design practices within focus areas. Students will investigate human, technical and environmental factors affecting design and production in design projects e.g. capital, sustainability, values and ethics. They will identify how designers use ICT and emerging technologies in their work.

Within the units, they will undertake enterprise activity, utilizing The Van for real-life catering projects. Students may be involved in growing and marketing food ingredients in an agricultural venture. Students will manage action in response to needs and opportunities when developing design projects. They will manage the decision-making in the development of design solutions. Students will identify constraints and work in collaboration with other stakeholders to research and explore solutions.

The practical component of this course allows students to develop their skills in hospitality, preparing them for the Year 10 VET Certificate 2 in Hospitality (Kitchen Operations), should they elect this option.

Fees for this subject may be paid on a per semester basis and covers the cost of all ingredients supplied for student consumption.

PROTECTIVE CLOTHING: Students are required to wear protective clothing in all practical lessons. This includes full apron, hair net and fully enclosed, leather upper shoes to satisfy Work, Health and Safety (WHS) regulations.

ASSESSMENT: Includes design portfolio work, design exercises and practical food preparation.

DIGITAL MEDIA AND PHOTOGRAPHY — FEE: $40.00

Learn to take great photographs, understand the camera, get more technically creative with your photography and develop your skills in digital drawing and filmmaking. This course gives students the opportunity to explore all types of photographic imaging. This is a great stepping stone for senior visual art, photography, visual design or graphics.

PHOTOGRAPHY/ ART CAREERS: illustration, graphic design, advertising and visual promotions, web careers, education, gallery and curating, animation, film and professional photography, set and stage design.

Course outline:

- Camera Basics
- Digital photography
- Computer editing in Adobe Photoshop
- Digital drawing and illustration
- Short film-making
- Animation and Adobe Animate
- Pocket films and photo apps
- Black and white techniques

We will cover the technical elements of photography - composition, camera basics, transferring images, post-production and some black and white skills in the darkroom. We will use computer editing to enhance and modify our images. Students will explore illustration techniques on computer, using Adobe Photoshop as well as digital drawing tablets. Students will learn about short film creation through various animation techniques and live action filming. Cartooning and illustrating in all styles is also included. You will be able to draw and design your own characters and turn it into animation. We will look at all styles, including traditional and classic through to modern and contemporary.

The program is flexible and allows students to develop skills, as well as looking at the way other artists make their work. We will investigate the “Tropfest” Short Film Festival and Tim Burton’s films in our studies, and create a film for the Callaghan Film Festival.

Students from this class will be involved in the school photography team, photographing sporting carnivals, special events etc.

REQUIREMENTS: You will need an A4 sketch book- all other equipment is supplied.

EXCURSSIONS: extra cost will apply for excursions.

ASSESSMENT: Ongoing in-class projects, practical work and assignments

DRAMA — FEE: $20.00

Performing by yourself? Yes, please! Working in pairs? Of course! Making skits and performances pieces up on the spot- no pressure? For sure! You can do this and so much more in drama. You will create and explore human experiences through many performance styles and theories. Activities include: monologue, duologue, improvisation, set, costume and lighting design and group devised performance. Also, you will

be given an opportunity to mentor and work with students from our partner primary schools as part of the transition process. By the way, there are some pretty exciting performances you will be offered a place in across the Hunter and Sydney. Just remember these will be a little extra but worth it!

Drama encourages self-confidence, collaboration, practical approaches to sophisticated concepts and a supportive and fun environment to explore your creativity!

ASSESSMENT: Class participation, performance, reflective learning practices and creative design submissions.

ELECTIVE HISTORY FEE: NIL

Imagine being transported to a different moment in time. What was that world like? What lessons can we take away? How would the world be different if Hitler was captured during WWI? Were the Viking Warriors advanced leaders of their time or simply violent raiders who held society to ransom? These are just some of the questions that you will explore in this exciting elective. Put your historical lens in focus and join us in discovery the history of our amazing past.

In Elective History, students utilise inquiry-based learning principles to explore World History from the ancient to the modern world. Students will enhance their own understanding of how historians construct history through an examination of a range of sources including digital records, oral history, museum studies and media and film analysis. Computer-based technologies will be utilised for independent and collaborative projects and excursions to museums and historical sites will form a fascinating part of this course.

The Elective History course welcomes all students interested in history and provides an excellent segue way for those wishing to study Modern or Ancient History at a senior level or any Stage 6 HSIE course that focuses on creative and critical thinking.

Elective History historical studies include:

- Archaeology of the Ancient World
- Ancient Myths and Legends
- Bog Bodies
- Ancient Civilisations including Mesopotamia, Egypt, Greece or Rome
- Vikings
- Medieval and Early Modern Europe
- Heroes and Villains
- American Revolution
- Terrorism
- Conspiracy Theories including the assassination of JFK
- Hitler and the Third Reich
- The American Civil Rights Movement

ASSESSMENT: Inquiry-based class tasks, Project Based Learning and Investigative Historiographies

FASHION AND DESIGN (TEXTILES TECHNOLOGY) FEE: $40.00

Students will participate in using textiles (fibres, yarns and fabrics) to develop a knowledge of their properties, performance and uses. Colouration and decoration techniques are explored. Project work involves experimentation to be discriminative in their choices of textiles for particular uses. Students will develop a range of skills by using different materials, equipment, construction and decoration techniques. Students are required to supply their own fabrics and patterns for some of the units of work.

Students will create portfolios to document their ideas in written and graphical form. They will develop skills in digital presentation and manufacturing technologies. Students examine the role of textiles in society as a means of self-expression, by having social meaning and cultural significance. The course creates an understanding of cultural diversity by examining the ways in which different groups have used textiles as an expressive and functional medium, including that of Aboriginal and Torres Strait Islander Peoples.

The technologies utilised will create an awareness of related career pathways and leisure pursuits. Textiles and Design is available for study in Stage 6, which involves a major design project.

ASSESSMENT: Includes research assignments, practical tasks, portfolio, design exercises and unit tests.

FOOD TECHNOLOGY — FEE: $135.00

Food-related issues are becoming of increasing community concern. Students examine food issues including hygiene and safety, nutritional claims, nutritional quality of food, new food product development and the environmental impact of food production processes.

The practical component allows students to explore the richness, pleasure and variety food adds to life. Students develop practical skills in preparing and presenting food that will enable them to select and use appropriate ingredients, techniques and equipment. The course looks at food applications in domestic, commercial, industrial and global settings.

Students explore food-related issues through a range of practical experiences, allowing them to make informed and appropriate choices with regards to food. Making informed decisions requires an understanding of nutritional principles and food equity issues in our communities. Students are encouraged to develop sound food habits that will contribute to health and well-being.

Fees for this subject may be paid on a per semester basis. Fees cover the cost of all ingredients supplied for student consumption. Students must participate in all practical lessons and therefore pay food fees by instalment dates.

PROTECTIVE CLOTHING: Students are required to wear protective clothing in all practical lessons. This includes full apron, hair net and fully enclosed, leather upper shoes to satisfy Workplace Health and Safety regulations.

FURTHER STUDY: Students may continue in Year 11/12 with studies in Food Technology and/or VET Hospitality courses in Commercial Cookery and Food & Beverage in Stage 6.

ASSESSMENT: Includes research assignments, excursion reports, practical tasks, oral reports, design exercises and unit tests.

GIRLS WHO RUN THE WORLD – HISTORY ELECTIVE — FEE: NIL

This new and exciting study of history, looks specifically at women who have spoken out, acted out or fought back against the restrictions placed on them by their context.

- Meet Katherine of Aragon, the English Queen who refused to divorce King Henry VIII and concede her throne to Anne Boleyn.
- Meet Nancy Wake, an undercover Australian woman working for the French Resistance during NAZI occupied France in World War Two.
- Meet Alexandra Kollontai, a Russian Communist who created in Russia a movement to have women enter the workforce, vote and generally be liberated!

During this elective, students will look at the legacy left behind by these powerful, yet sometimes unknown women and analyse the role of women in the history of the world. Through an in-depth study of individual

women, students will explore historical content and gain an understanding of an individual's role in creating lasting change.

Some of the women to be studied will include:

- Cleopatra – Pharaoh of Egypt
- Aisha – a wife of the prophet Muhammad
- Katherine of Aragon and Anne Boleyn - wives of Henry VIII
- Alexander Kollontai and Emmeline Pankhurst – politicians and writers
- Sophie Scholl and Nancy Wake – Resistance Fighters
- Malala Yousafzai and Emma Watson – Women's Rights Activists
- Beyoncé Knowles Carter and Lady Gaga – Performers

This course welcomes all students who have interest in history and are passionate about how the actions of the past have created the world which they live. Students who undertake this course should be creative, considerate and critical thinkers who are excited to learn history from a previously silenced perspective.

ASSESSMENT: Inquiry-based class tasks, Project Based Learning and Investigative Historiographies .

GRAPHICS TECHNOLOGY - TECHNICAL DRAWING FEE: $30.00

The aims of this course are to develop Technical Drawing skills, knowledge and techniques; to contribute to developing a more technically literate society and introduce the computer as a drawing tool; to develop the theme of communications through graphics.

The course includes: architectural drawing, computer assisted drafting, descriptive geometry, general drawing, mechanical drawing, product drawing, graphic design and communication, landscape and engineering drawing. Students will develop their drafting techniques while completing exercises in freehand drawing, pictorial drawing, orthogonal drawing and rendering. Students will undertake Architectural Drawing projects and Landscape Design layout and complete engineering drawing using ProDesktop software.

Fees for this subject can be paid in instalments. Students must also supply their own drawing equipment which will cost approximately $15.00.

NOTE*:* If you wish to follow a career in any trade you should consider Graphics Technology – Technical Drawing as it is an integral component in trade modules and will give you an advantage when you start your trade.

ASSESSMENT: Includes practical/classroom drawing activities; concept drawing and sketches; technical hand drawing and CAD; and FI in schools.

H.E.A.T (Humanities Arts Engineering and Technology) FEE: $10.00

HEAT is a rare opportunity for you to explore real world issues in depth and detail. This course also allows you to undertake investigations that interest you. You have the chance to engage in a range of learning experiences and excursions to local and regional areas. You will be learning a range of industry-ready skills to design and develop major projects throughout the course.

Course content:

- Utilise a range of Multi-media software
- Utilise Virtual Reality and learn Drone Operations
- Learn and apply 3D modelling and printing
- Engage with experts in the field responding to issues around the world

Course skills: Learning new skills will develop yourself as a learner across all curriculum areas and learning stages. With these skills and capabilities you will thrive in a rapidly changing and interconnected world.

- Think critically, creatively and divergently
- Work collaboratively, independently with feedback and reflection
- Research, analyse and design responses to real-world problems
- Problem solve and presenting

Career pathways: Learning to project manage and lead broadens your employment opportunities and enables you to innovate the world around you. Select HEAT if you wish to work in industries such as:

- Finance, business and commerce
- The armed forces and communications
- Programming and technology
- Systems and logistics

ASSESSMENT: Includes construction of practical projects, minor and major assignment which are negotiated with the course coordinator.

INDUSTRIAL TECHNOLOGY – BUILDING & CONSTRUCTION (YEAR 9) FEE: $40.00

The Industrial Technology – Building and Construction course is a valuable introduction into the senior syllabus and provides opportunities to develop baseline knowledge, understanding & skills for those students interested in following a career in the building and/or associated industries. If you are considering an apprenticeship, you should strongly consider choosing this subject. Practical projects will reflect the nature of the building & construction industries and may include:

- Construction of small structures
- Elementary repairs and renovations
- Development of landscaped & recreational areas

ASSESSMENT: Includes construction of practical projects, minor and major assignments, WHS – personal work practises in the workshop and tool machinery risk assessments.

INDUSTRIAL TECHNOLOGY – ELECTRONICS FEE: $65.00

The Electronics Focus Area provides opportunities for students to develop knowledge, understanding and skills in relation to electronics and associated industries and become familiar with Workplace Health Safety (WHS). Students will develop knowledge and skills in the use of materials, tools and techniques in electronics and they will produce practical projects and study Circuits and Components.

Projects undertaken by the students will initially involve concepts introduced in the “Dick Smith” style assembly as presented in the first project book and then to develop towards students making their own selections of projects. A project report is required for each practical project.

Fees for this subject can be paid by instalments

NOTE: For safety reasons students participating in this course **must** wear enclosed leather shoes for practical sessions and provide **their own** safety glasses.

ASSESSMENT: Includes construction of practical projects, minor and major assignments, WHS – personal work practises in the workshop and tool machinery risk assessments.

INDUSTRIAL TECHNOLOGY – JEWELLERY FEE: $70.00

The Jewellery focus area provides opportunities for students to develop knowledge, understanding and skills in relation to Jewellery and associated industries and become familiar with Workplace Health Safety (WHS). Students will develop knowledge and skills in the use of materials, tools and techniques in the production of Jewellery projects. Most work will be done with Sterling Silver. Projects undertaken by the students will include basic ring construction, twisted ring, pendants, stone settings (both bezel and claw), skateboard charm and heart Ring. A project report is required for each practical project.

Fees for this subject can be paid by instalments

NOTE: For safety reasons students doing this course **must** wear enclosed leather shoes for practical sessions and provide **their own** safety glasses.

ASSESSMENT: Includes construction of practical projects, minor and major assignments, WHS – personal work practises in the workshop and tool machinery risk assessments.

INDUSTRIAL TECHNOLOGY - METAL FEE: $45.00

The aim of this course is to recognise the properties of materials and have confidence in manipulating those materials. Students will develop skills with machines, tools and processes; develop safe, skilful practical skills; achieve personal satisfaction from the completion of projects; recognise and understand the principles of good design; gain insight into career possibilities; and become familiar with Workplace Health Safety (WHS).

The course emphasises the development of design skills necessary for the awareness of factors such as the modification of material in the production of projects; an understanding of the planning skills such as drawing and design and job assembly; the acquisition of the necessary construction skills required for projects such as a parallel clamp, a marking gauge, a gear puller, an engineering square, an adjustable clamp, a vice, a paper punch, and footprint grips. A project report is required for each practical project.

If you are considering an apprenticeship and trade as a career, you should strongly consider choosing this subject.

NOTE: For safety reasons students participating in this course **must** wear enclosed leather shoes for practical sessions and provide **their own** safety glasses.

ASSESSMENT: Includes construction of practical projects, minor and major assignments, WHS – personal work practises in the workshop and tool machinery risk assessments.

INDUSTRIAL TECHNOLOGY – TIMBER FEE: $55.00

The aim of this course is to recognise the properties of materials and have confidence in manipulating those materials. Students will gain experience with

- Machines, tools and processes
- Develop safe, skilful practical skills
- Achieve personal satisfaction from the completion of projects
- Recognise and understand the principles of good design
- Gain insight into career possibilities
- Become familiar with Workplace Health Safety (WHS).

The course emphasises the development of design skills necessary for the awareness of factors such as material selection, shaping processes, joining methods, selection of hardware and finishes as well as the modification of a given design and recognition of alternative designs; an understanding of the planning

skills necessary to the construction of a project; the acquisition of the necessary construction skills required in the production of projects such as a mallet, small stools, tables, cabinets, a wine table, bowls, lamps, etc. A project report is required for each practical project.

If you are considering an apprenticeship and trade as a career, you should strongly consider choosing this subject. Fees for this subject can be paid by instalments

NOTE: For safety reasons students participating in this course **must** wear enclosed leather shoes for practical sessions and provide **their own** safety glasses.

ASSESSMENT: Includes construction of practical projects, minor and major assignments, WHS – personal work practises in the workshop and tool machinery risk assessments.

INFORMATION & SOFTWARE TECHNOLOGY — FEE: $5.00

Information and Software Technology is aimed at equipping students with the skills and knowledge they need to operate effectively in our modern world. This course is aimed at producing students that can creatively use a range of software to produce innovative solutions to real world problems.

Students will explore the following topics.

- Multi-media - video, animation, graphic and audio manipulation
- Internet and website development – making web pages and using the internet safely
- Inside computer hardware and software - do you know what you are buying?
- Software development – creating your own programs
- Networking – linking computers to share information

As computing moves into many aspects of modern life it is essential that students have the skills and knowledge to successfully use the information and software resources available to them.

ASSESSMENT: Students learning will be assessed through project work

INTERNATIONAL STUDIES — FEE: NIL

International studies is a course for students who want to study different cultures and develop intercultural understanding. In Year 9 students become critical thinkers and active citizens. Students will increasingly understand how the study of culture requires knowledge to inform values and develop individual and community participation, through action and commitment. Assessment is determined by negotiation with students using a variety of tasks.

International studies combines' education, travel, work and trade to create engaged and global citizens. It will also include various outdoor activities, field trips and excursions.

ASSESSMENT: Inquiry based class tasks.

iSTEM — FEE: NIL

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.

iSTEM is a course which encapsulates the practical and inquiry based nature of true STEM education. Pure Mathematics and Science topics are not included in this course, and is **not** intended as being a vehicle to increase the number of hours in which students study pure Science or Mathematics in Stage 5. Instead students learn about technological and engineering concepts which by their very nature are scientific and mathematical.

The Stage 5 iSTEM School Developed Board Endorsed Course is an attempt to provide an innovative and imaginative curriculum which will inspire students to take up the challenge of a career in Science, Technology, Engineering or Mathematics. The iSTEM School Developed Board Endorsed Course covers a number of STEM based fields, including; STEM Fundamentals, Aerodynamics, Motion, Mechatronics, Design for Space, Statistics in Action, CAD/CAM and STEM Project Based Learning Tasks

NOTE: For safety reasons students participating in this course **must** wear enclosed leather shoes for practical sessions.

ASSESSMENT: Students will complete a range of assessment based on the units of work studied. This will include group work, longer term projects and individual tasks. A focus of the assessment schedule is students working together to present unique solutions to problem solving activities.

JAPANESE FEE: NIL

Learning languages provides the opportunity for students to engage with the linguistic and cultural diversity of the world and its people. Students broaden their horizons in relation to personal, social, cultural and employment opportunities in an increasingly interconnected and interdependent world. Proficiency in languages provides a national resource that serves communities within Australia and enables the nation to engage more effectively with the global community.

Japan has been a close strategic and economic partner of Australia for more than 50 years, and there is ongoing exchange between the two countries in the areas of education, trade, diplomacy and tourism.

The study of Japanese provides access to the language and culture of one of the global community's most technologically advanced societies and economies. Students engage with elements of modern Japan, including popular culture such as anime, manga, music and fashion, as well as with the rich cultural tradition of this part of Asia.

By the end of Stage 5, students manipulate Japanese in sustained interactions with others to exchange information, ideas and opinions. They participate in a range of collaborative tasks, activities and experiences that involve making plans, negotiating and solving problems.

The Year 9 course gives students the opportunity to learn Japanese that can be utilised in very practical situations. The use of various digital technologies is integral to language learning. Students will use their devices on a regular basis to inquire, create and communicate in Japanese. They will develop future learning skills such as communication, collaboration, critical thinking and creativity!

Career Pathways - Learning Japanese broadens the employment opportunities for young people and enables them to become more effective and valuable members of the workforce.

- Tourism and hospitality
- Business and commerce
- Armed forces
- Public service
- Teaching - primary or secondary
- Journalism
- Acting and singing

ASSESSMENT: Term assessment tasks.

MUSIC **FEE: $20.00**

This is a FUN elective where ANY student who wishes to develop and enhance their musical talent and ability, is welcome!

This course is designed for those students who are interested in music technology, instrumental performance, improving their aural skills and learning about different styles and genres of music. Each student will use technology to produce musical compositions utilising a variety of programs such as ACID Studio, Audacity, Ableton Launchpad and Soundtrap.

An excursion to a musical production and the ABC/Triple J radio station in Sydney is always a highlight of the course. This is a great opportunity for all those budding DJ's out there. Each student will also learn a musical instrument of their choice and will have the opportunity to create their own bands and ensembles in class.

ASSESSMENT: Term assessment tasks in Practical, Composition, Aural and Musicology as well as participation and application in class.

PHYSICAL ACTIVITY & SPORT STUDIES (PASS) - GENERAL **FEE: $15.00**

The course aims to develop skills and knowledge in the area of fitness and recreation and allows students with ability or interest in the PE area to extend and develop their talents. This module includes the following theory units:

- Fitness and Performance
- Sports Coaching
- Sports Injuries
- Body Systems
- Sport in Society
- Event Management
- Technology in Sport
- Participation and Performance.

Practical units include a variety of recreational and games units not covered in PD/H/PE. Students will be involved in a variety of excursions and sporting competitions. Students will also have the opportunity to organise mini-sporting events and be involved in the teaching of students from our feeder primary schools. Students in Year 9 will be eligible for selection for the annual Year 8 & 9 Inter-College Sporting Challenge.

NOTE: Students can only select one PASS course as the theory components are similar.

ASSESSMENT: Both practical and theory tasks will be set.

PHYSICAL ACTIVITY & SPORT STUDIES (PASS) – RUGBY LEAGUE **FEE: $15.00**

The aim of this course is to develop skills and knowledge in Rugby League. This module has a focus of rugby league within the following theory units:

- Body Systems
- Sporting Coaching
- Event Management
- Fundamentals of Skill
- SEPEP
- NRL Harmony Program
- Fitness and Training Methods
- Sports Psychology
- Sports Injuries.

Students will also be involved in a number of practical assessment tasks, such as peer coaching, structuring skill sessions for feeder primary schools and organising sporting gala days. A number of excursions are implemented throughout the course, most notably the annual excursion to an NRL State of Origin match in Sydney. Students in Year 9 will be eligible for selection in various 2020 rugby league competitions, including the annual Year 8 & 9 Inter-College Sporting Challenge.

NOTE: Students can only select one PASS course as the theory components are similar.

ASSESSMENT: Both practical and theory tasks will be set

PHYSICAL ACTIVITY & SPORT STUDIES (PASS) – SOCCER **FEE: $15.00**

The aim of this course is to develop skills and knowledge in Soccer. This module has a focus of soccer within the following theory units:

- Body Systems
- Sporting Coaching
- Event Management
- Fundamentals of Skill
- SEPEP
- Fitness and Training Methods
- Sports Psychology
- Sports Injuries.

Students will have the opportunity to complete a Level 1 Referee and Coaching Certificate in Soccer. Students will also be involved in a number of practical assessment tasks; coaching peers, structuring skill sessions for feeder primary schools and organising sporting gala days. A number of excursions are implemented throughout the course, which includes inter-school soccer visits. Students in Year 9 will be eligible for selection in various soccer competitions, including the annual Year 8 & 9 Inter-College Sporting Challenge.

NOTE: Students can only select one PASS course as the theory components are similar.

ASSESSMENT: Both practical and theory tasks will be set