



CHELTENHAM GIRLS' HIGH SCHOOL



COURSE INFORMATION BOOKLET

YEAR 9 - 2021

YEAR 10 - 2022

Foreword

In Year 9 students commence a **TWO year** course of study. It is important that from the commencement of Year 9 you develop and refine your abilities as a learner so that you can manage your chosen studies to the best of your ability. This includes your ability to work independently as well as in active collaboration with other students.

It is also important that decisions regarding course choices are made very carefully as they are generally binding from the commencement of Year 9. There is a very limited window of opportunity early in Year 9 (**Week 3 only**) for students to make a change to their elective choices, subject to availability. It is only in exceptional circumstances, following a formal review of student academic progress, that permission for a student to change courses at the conclusion of Year 9 will be granted. Requests made after the commencement of Year 10 courses cannot be considered. More detail regarding change of course can be found later in this booklet.

The choice of course should consider the student's previous experience in that course or related fields in Year 8. Thus, a course which has proved unduly challenging in Year 8 is likely to remain so in Years 9 and 10.

When choosing elective courses students should ask **three** questions:

1. Which courses do I **enjoy** most?
2. Which courses do I **do well in**?
3. Which courses **interest** me?

Similarly, choosing a course on the basis of current friendship groups or possible career aspirations is unwise.

The purpose of this booklet is to provide you with information about the elective subjects offered. You are encouraged to read and think carefully about this information. It is also important that you take the opportunity to consult with the nominated contact teacher for each subject.

Subject Materials Fees

Some courses require the purchase of special equipment and materials over and above what is provided through the general budget of the school. These extra costs are met by the students choosing these courses and are outlined in the course descriptions. The figures quoted are approximate and based on 2019 costing. Students will be advised of final costs later in the year.

Schools are entitled, under the NSW Department of Education and Training policy for voluntary school contributions, to 'charge students for elective subjects that go beyond the minimum requirement of the curriculum'. Subject Materials Contributions are required to cover the expenditure on equipment and other non-reusable items specifically used by your daughter and these funds are fully expended each year in the provision of significant learning experiences.

The requirements to pay for these materials are made clear at the time students select these subjects. Should you wish to choose a course which has a compulsory subject materials fee, and your family is experiencing financial hardship, please contact the Head Teacher Wellbeing for a Student Assistance Application Form.

Students and their families need to be aware that where there are subject materials fees outstanding at the conclusion of Year 8, these amounts need to be reconciled before commencing fee-based courses in Year 9.

Students do have the option of selecting subjects for which there are no subject material contributions.

Due to Department of Education and Communities limitations on school staffing, Cheltenham Girls' High School is not able to support students in Year 9 with applications for NSW School of Languages or for Sydney Distance Education.

We will endeavour to allocate you to elective classes which meet your first three choices. However, like any school, there are practical limits on available staff, and physical and teaching resources. This means that we cannot guarantee to place you in the subjects that are your top three choices. It must be noted that the listing of a course on the Subject Selection Website cannot be taken to imply that a class or classes will always be formed.

I assure you that we will consult with you directly if you need to make a further choice.

The commencement of Year 9 signals the first formal steps towards external accreditation. It is important that you set appropriate goals for yourself and that you keep motivated to achieve them.

Suellen Lawrence
Principal

Pattern of Study

At Cheltenham Girls High School, we have structured the curriculum into two modules.

The first module (Years 7 and 8, Stage 4) consists of the same set of compulsory subjects for all students. The second module (Years 9 & 10, Stage 5) consists of a mix of compulsory subjects, and three elective subjects. The pattern of study in Years 9 and 10 is given below:

English
Geography
History
Mathematics
Personal Development, Health & Physical Education
Science
Non-Elective Music (Yr 9)
Careers (Yr 10)
Sport
+ 3 Elective Subjects

In relation to Mathematics in Stage 5 (Years 9 and 10), students' study one of three courses: Stage 5.3, 5.2 or 5.1. At the end of Year 8, students will be placed in the most appropriate level based on their achievement in Mathematics in Year 8.

In relation to the elective subjects, each student in Year 8 is required to choose the three subjects that they would most like to study throughout Years 9 and 10.

Record of School Achievement (RoSA)

The Record of School Achievement (RoSA) contains the following key elements:

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

The RoSA is a cumulative credential, meaning it contains a student's record of academic achievement up until the date they leave school. This could be between the end of Year 10 up to and including some results from Year 12.

Students will be expected to maintain a satisfactory attendance record as defined by the school or school system authority.

Minimum Standard Tests

Each student is required to show a minimum standard of literacy and numeracy to receive the Higher School Certificate (HSC) from 2020. During Year 10 each student will have an opportunity to sit the 3 tests in reading, writing and numeracy.

You get two chances a year to pass each of the tests from Year 10 until a few years after the HSC.

Determining Grades

The process of determining grades requires teachers to:

- Devise and administer assessment tasks that address the knowledge and skills
- Consider the objectives and outcomes of the syllabus
- Observe and record assessment judgments (eg marks, grades, comments)
- Use assessment information to make a summative judgement of each
- Consider student's overall level of achievement at the end of the course
- Refer to the Course Performance Descriptors to award a grade that most; and
- Appropriately describes a student's achievement.

Grades A – E will be awarded in all courses including English, History, Geography and Science. In Mathematics grades A10 to E2 will be awarded. All grades are based on school-based assessment of students' achievement with reference to performance descriptors issued by NESA.

Change of Course

While it is expected that most students will complete the courses started, a change in course **before** commencing Year 10 can be approved by the Principal when it is considered to be in the student's **best** interest.

Usually a change of course would be approved only if the student is clearly struggling to achieve academic outcomes. A student who is achieving at average or above level will not be approved to change course unless there are exceptional and compelling circumstances which have been raised in the first instance with the Year Advisor and/or the Head Teacher Welfare.

However, the capacity to change is always dependent upon available student vacancies. Thus, it is very important that students make their subject selections after thorough consultation with family and teaching staff.

At Cheltenham Girls' High School, students have the opportunity to change course during the first term of Year 9, specifically during week 3. A further review period is available at the conclusion of Year 9 (after 100 hours of study in the course has been completed) provided objectives and outcomes for each course have been met, but before commencing the Year 10 academic year.

At the commencement of the new school year students are expected to engage conscientiously with the courses they have selected. When, after a period of three weeks, it may become apparent that the student has not chosen wisely there is the opportunity for some change, dependent on available vacancies.

No new courses can be offered at this stage due to staffing constraints. By creating this opportunity at the one time for all students to review their selection it then becomes possible to better meet their needs through creating new vacancies and matching student choices. No student who is so affected is disadvantaged in relation to assessment regimes.

After three weeks engagement with a course both staff and students have the opportunity to gauge the potential for a satisfying and successful program of study. Indeed, it has been our experience that students who may have initially felt that a course did not suit them, find that this is not so once they have made a genuine effort to engage with the course.

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Course Name:

DANCE

Key Learning Area: Creative and Performing Arts

Subject Fee: \$5.00 per year. This fee will be used for learning resources and student workbooks.

Course Information:

The study of dance as an art form is based on the study of three interrelated components:

- Performance (practical)
- Composition (practical)
- Appreciation (theory)

During Year 9 and 10, your study in Dance will allow you to:



- Perform a range of dances, in a variety of styles (modern, ballet, contemporary, jazz, musical theatre).
- Improve your dance technique based on the fundamentals of classical ballet and modern dance.
- Improve your strength, flexibility, coordination, endurance and dance skills.
- Learn about the basic physiology of the human body, causes and prevention of injury.
- Learn to express your ideas, feelings and experiences by developing methods of dance composition.
- Gain a better understanding of people, culture and society.
- View live/filmed dance performances, learn to deconstruct their meanings.
- Use technology to create dance for film.

Dance elective classes will be provided with various performance opportunities, participating in the PAF nights and On The Move these are compulsory school events. As an extension of elective study, students are given the opportunity to audition for CGHS Dance Company to enrich their performance experience and extend their skills as dancers.

Students need to provide their own suitable, black dancewear or sport uniform to rehearse in during practical classes. Students need to use their own devices to listen to music, and video themselves for composition tasks and theory work. All students are required to provide their own Dance Journal (A4 - art style).



For further information please contact: Mrs Brodie (HT PDHPE)

Course Name:

DRAMA

Key Learning Area: Creative and Performing Arts

Subject Fee: \$22.00 per year. This fee will be used for drama resources including masks, make up and face paint, as well as student workbooks.

Course Information:

Drama gives students the opportunity to explore the different forms of performance and to develop their interpersonal and expression skills. In the study of Drama students explore:

- Improvisation – thinking on your feet
- Characterisation – finding out what makes an interesting character
- Playbuilding – creating a play as a group
- Script Writing – developing and writing your own scripts
- Mime and movement
- Technical Aspects of Production – looking at lighting, set design, backstage organisation, costume design, production promotion.



The course has a flexible structure that means you will have some chance to focus on some of the areas that interest you most, although everyone has to be involved in some performance work.

Participation in Drama helps students develop:

- ✓ Self-confidence
- ✓ Creativity
- ✓ Expression
- ✓ Ability to work collaboratively as part of a group
- ✓ Public speaking ability and confidence in a class situation
- ✓ Job interview skills

Some work is done in groups while other parts of the course involve individual work. Drama provides the opportunity for students to express their own emotions and to explore and empathise with the emotions of others.

It is a performance subject so you will be expected to perform in front of your class and hopefully many of you will want to perform at events such as the biannual Performing Arts Festival at school.

Each student is required to keep a written log book in which they record the different activities they do and document what they have learnt from each experience.

For further information please contact: Mrs Virwani (HT English)

Course Name:

MUSIC

Key Learning Area: Creative and Performing Arts

Subject Fee: \$13.00 per year. This fee will be used for printing resources and musical scores.

Course Information:

The Elective Music Course, which commences in Year 9, is designed for those students who are interested in learning more about Music. Whatever your current level of musical knowledge and experience, if you want to know more about Music, then this is the right subject for you. The course covers a wide variety of different musical styles, including Jazz and Classical Music, Popular Music, Australian Music – just to mention a few.



The course caters for those students whose only experience in music has been through their Year 7 and 8 Music classes as well as those students who study music privately. The course studied in Years 7 and 8 leads directly into the Elective Music course. In Year 8 all students have been learning and performing on guitar. So, if you have not learnt any other instrument then you can build on the skills from Year 8. Girls who are studying an instrument outside the school will find that the Elective Music Course complements their study and enables them to broaden their experience even further.

The course requires study in three major areas -

- Performance
- Composition
- Listening

The Performance component of this course involves performing in small groups and individually on an instrument of your choice, or voice. You will have the opportunity to sing and play many varied pieces of different styles.

Composition involves learning to use the concepts of music to express thoughts and ideas. The performance of students' original compositions is encouraged. You will have the opportunity to compose using the Sibelius notation software program which makes composition so much quicker and easier.

The Listening component of the course involves diversifying our appreciation for music, and listening to many and varied examples of music such as Jazz, Pop Music, Orchestral Music, Music of the Theatre. Students learn to identify different instruments and discuss the ways in which composers have used and manipulated sound to create the unique features or "sound" of each style.

For further information please contact: Mr Hughson (HT CAPA)

Course Name:

PHOTOGRAPHIC and DIGITAL MEDIA

Key Learning Area: Creative and Performing Arts

Subject Fee: \$28.00 per year. This fee will provide students with a folio, additional printing allowance and an SD card.

Course Information:

This is an elective course that involves specialist learning opportunities for students to understand, explore and experience a wide variety of photographic, video and digital media technologies, and produce quality photographic, digital and video artworks.

The course aims to:

- Explore the role of the photographer and cinematographer.
- Develop an understanding and knowledge of past and present photographic works.
- Develop and understanding and appreciation of film and cinematography.
- Develop and enjoy practical skills in specific technologies associated with the representation of ideas in photography and film.
- Develop a deep aesthetic understanding of these media areas.



The course involves such experiences as:

- SLR and digital camera and video camera techniques
- Digital photographic techniques and computer-generated imagery through use of Adobe Photoshop and other Graphic software programs.
- Video production techniques including digital editing with Adobe Premier.
- Animation, drawn and modelled, using graphic tablets and programs such as Stop Motion Pro.

This is a Board Developed course aligned with the needs of our students in mind.

The Photographic and Digital media course is a separate course to the Visual Arts course and covers aspects specifically relating to the fields of Photography, digital graphics and video. Students may do both Photographic and Digital media and Visual Arts as whilst the courses may complement one another, they are different entities.

For further information please contact: Mr Hughson (HT CAPA)

Course Name:

VISUAL ARTS

Key Learning Area: Creative and Performing Arts

Subject Fee: \$62.00 per year. This fee will be used for consumable art materials relating to the unit e.g. paint, paper, canvas, ink, lino etc.

Course Information:

In this course, students create artworks based on their own personal experiences and surroundings. Themes explored provide the student with a deeper understanding of their own environment and culture, and the world of Art.

The course aims to encourage students to:

- Think and act creatively.
- Encourage visual imagination.
- Develop practical skills in a wide range of artistic techniques and media areas such as drawing, painting, printmaking, ceramics and sculpture.
- Display visual expression and communication through a variety of art forms.
- Explore the role of the visual artists.
- Study the past and present through historical and critical analysis.



The course is designed to provide an opportunity for the development of the individual's artistic potential through a variety of 2D and 3d experiences such as:

- Drawing, documentation, observation, illustration
- Painting techniques in both acrylic and oil paint
- Ceramic and pottery work
- Sculpture
- Printing and graphic techniques
- Collage and mixed media.

Students are required to keep a Visual Arts Process Diary to explore and document the artmaking process.

For further information please contact: Mr Hughson (HT CAPA)

Course Name:

VISUAL DESIGN

Key Learning Area: Creative and Performing Arts

Subject Fee: \$37.00 per year. This fee will provide students with a folio book and materials for non-digital 2D and 3D design e.g. gouache, marker pens, balsa, foam and wire.

Course Information:

This course involves the study of diverse fields of design which are specifically related to both Visual and Graphic Design.



The Course aims to:

- Explore the role of the visual and graphic designer
- Develop an understanding and knowledge of past and present design works.
- Develop practical skills in specific technologies associated with the production of visual and graphic designs.
- Utilise the photographic and computer technology to experience design practices and vocational opportunities available in design fields.

The course will involve such experiences as:

- 2-Dimensional design using traditional techniques e.g. Printmaking, and Computer Graphics manipulated through programs such as – Photoshop, Publisher, In Design and Illustrator.
- 3-Dimensional design- product design, interior and exterior design, fashion accessory design using traditional artmaking techniques as well as computer programs.
- Design for marketing -logos, advertising, packaging, promotion and market research
- Creative photography, fashion photography, digital photography and news and magazine production.
- Techniques in illustration and publication design including cartooning, comic strips, layout, book cover design and book production.
- **In Year 10 students select from their practical artworks, photographs and designs to produce a bound coffee table book.**

This is a Board Developed course aligned with the needs of our students in mind.

The Visual Design course is a separate course to the Visual arts course and covers aspects specifically relating to the fields of visual and graphic design. Students may do both Visual Design and Visual Arts as whilst the courses may complement one another, they are different entities.

For further information please contact: Mr Hughson (HT CAPA)

Course Name:

COMMERCE

Key Learning Area: Human Society and its Environment

Subject Fee: NIL

Course Information:

Commerce is a subject that provides you with a variety of life skills, knowledge, understanding and values that make you a more discerning consumer, financially literate, business savvy, politically informed, legally informed and be prepared for life in the workplace and as an active citizen. Commerce utilises information and communication technologies to develop and emphasise these key areas.

In Commerce we address the following topics in a practical and hands on fashion so students can make sense of the world in which they live. A new syllabus was introduced and started with Year 9 in 2020 and will continue with Year 10 in 2021, with a particular change in Core topics to be studied by Commerce cohorts.

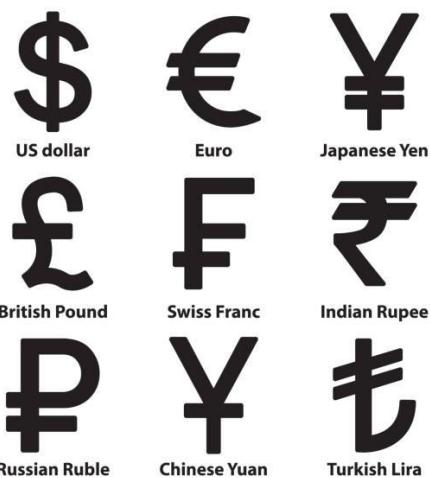
Year 9

- Consumer and Financial Decisions
- The Economic and Business Environment
- Promoting and Selling
- Running a Business

Year 10

- Law, Society and Political Involvement
- Employment and Work Futures
- Travel
- Option 2 TBD in Term 3/4 2020

Commerce students can visit the Law Courts, Parliament House, the Police and Justice Museum, local Businesses and have a variety of guest speakers to link their classroom studies to the real world.



For further information please contact: Ms Knight (HT Social Science)

Course Name:

International Studies

Key Learning Area: Human Society and Its Environment

Subject Fee: NIL

Course Information:

International Studies explores different cultures, the different ways people around the world live and their experiences.

The course investigates features of different cultures, the values and customs of different cultural groups, the things that make people across the world similar and different to us, the way culture affects our lives.



This course provides interesting information and cultural understanding if you ever plan to:

- travel overseas
- work overseas
- work for an overseas company
- work in a hospitality, people or tourism industry
- study a subject like International Studies at university



The course includes a core topic and a choice of electives including:

- Culture Diversity (Core, Year 9)
- Travel and Tourism
- Culture and Food
- Culture and Performing Arts e.g. Bollywood, K-Pop
- Culture and Sport e.g. cricket, surfing, Irish dance, wife carrying, tree throwing
- Media and Australian Culture, politics and religion
- Culture and Gender traditions, work and significant women
- Coming to Australia (migrants and refugees)
- Culture and Belief Systems (religion and non-religion)



So the course content is a bit like **The Olympics** meets **Getaway**, mixed with **Food Safari** and **Master Chef/My Kitchen Rules**. Then thrown in a little **Amazing Race** and any other 'around the world experience' you can think of (like **I'm a Celebrity Get Me Out of Here**).



For further information please contact: Ms Wright (HT History)

Course Name:

ELECTIVE HISTORY

Key Learning Area: Human Society and Its Environment

Subject Fee: NIL

Course Information:

The Elective History course provides students with an opportunity to study a variety of ancient, medieval and modern history topics from world history, including societies, personalities, significant events, historical themes and issues, and more.



Some topics we have studied in History Elective include:

- Historical Mysteries: Anastasia, Jack the Ripper, the ghost ship Mary Celeste, death in a Minoan Temple, the Princes in the Tower, the secret discovery of Australia
- Historical Heroines and Villainesses
- City of Angkor Watt (Cambodia)
- Archaeology and the Lost City of Petra
- Myths, Legends and Literature from across the world and time
- Pirates and the Golden Age of Piracy
- Viva La Revolution! The French, American and other revolutions
- The Italian Renaissance
- Ancient Societies
- Disasters in History: Titanic, Lusitania etc
- King Henry VIII and Anne Boleyn
- History vs Hollywood: analysis of historical films
- The Prehistoric World



The choice and sequence of topics each year is determined by the course teacher and/or class's interests.



For further information please contact: Ms Wright (HT History)

Course Name:

GLOBAL ENVIRONMENTAL ISSUES

Key Learning Area: Human Society and its Environment

Subject Fee: NIL

Course Information:

Deforestation, bee colony collapse, whaling, organ trafficking, sustainability in cities and promoting biodiversity. These are some of the most important global environmental issues facing us today.

By choosing Global Environmental Issues you will have the opportunity to investigate these issues and others.

Global Environmental Issues will aim to teach students to develop their understanding of how and why decisions are made that affect the environment and the people of the world. They will also learn to evaluate the impacts of these decisions. Some examples of this include;

- What is coral bleaching and what is the latest research and decision making around the development and implementation of super corals the Great Barrier Reef?
- Who are the people/stakeholders involved in the Australian bushfire recovery efforts and what are the future plans for the communities most affected?
- How can the Whanganui River in New Zealand have the same rights as a person? Why did the local Maori people fight so long for the concept to be implemented and is this strategy working at protecting the river?



Students will learn to develop their own opinions on environmental issues and analyse the opinions of others.

Excursions and guest speakers will enhance the Global Environmental Issues experience.



For further information please contact: Ms Knight (HT Social Science)

Course Name:

FRENCH

Key Learning Area: Languages other than English

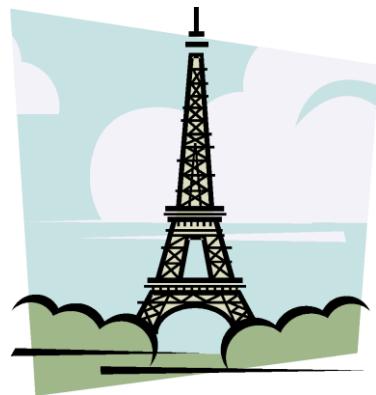
Subject Fee: \$5.00 per year.

Course Information:

French is offered as an elective in Year 9 and 10. This language course seeks to develop in students:

- An ability to communicate with increased skill and confidence
- The acquisition of valuable learning skills
- An appreciation and understanding of another culture

Students are strongly encouraged to follow their interest in languages outside the classroom and have the opportunity to become involved in enrichment activities such as restaurant excursions and competitions. Computer software for language is becoming more widely accessible and the Internet and E-mail provide students with world-wide links. Student exchange programs offer students the opportunity to host an exchange student or to travel (themselves) on exchange. Many universities now offer International degrees which incorporate language study and include a year of study in another country.



French

French continues to be a world language and is spoken by 92 million people in many countries. French is the 2nd most widely recognised language in the world. It is spoken in the United Nations and throughout the Olympic Games Ceremonies. Whether in the world of fashion, dancing, International Relations, Diplomacy or fine food, French is invaluable. *Tapis Volant* is an exciting French course which develops strong communication skills and covers various topics such as school, hobbies, food, daily life, shopping, describing people, part time work and media.

Requirements

Students will continue their learning of French with the workbook (*Tapis Volant 1 Edition 4*). This workbook contains Audio and Video files. Students do not need to purchase this workbook if continuing on from Year 8 French. In Year 10, (*Tapis Volant 2* workbook edition 4) will be used and students will be expected to purchase a copy.

For further information please contact: Miss Roberts (HT LOTE)

Course Name:

JAPANESE

Key Learning Area: Languages other than English

Subject Fee: \$5.00 per year.

Course Information:

Japanese is offered as an elective in Year 9 and 10. This language course seeks to develop in students:

- An ability to communicate with increased skill and confidence
- The acquisition of valuable learning skills
- An appreciation and understanding of another culture

Students are strongly encouraged to follow their interest in languages outside the classroom and have the opportunity to become involved in enrichment activities. Student exchange programs offer students the opportunity to host an exchange student or to travel on exchange themselves. Many universities now offer international degrees which incorporate language study and include a year of study in another country.



Japanese

Japanese is an exciting and challenging language. Students extend their knowledge of Japanese script as well as experiencing the richness of Japan's cultural heritage. The Obento Supreme course provides engaging activities covering the topics of school, hobbies, food, daily life, shopping, describing people, part time work and media.

Requirements

Students will be expected to purchase the Obento Supreme workbook which costs approximately \$45.95 and covers both Year 9 and 10. It can be purchased from Abbey's Bookshop and other booksellers.

For further information please contact: Miss Roberts (HT LOTE)

Course Name:

ITALIAN

Key Learning Area: Languages other than English

Subject Fee: \$5.00 per year.

Course Information:

Italian is offered as an elective in Year 9 and 10. This language courses seek to develop in students:

- An ability to communicate with increased skill and confidence
- The acquisition of valuable learning skills
- An appreciation and understanding of another culture

Students are strongly encouraged to follow their interest in languages outside the classroom and have the opportunity to become involved in enrichment activities such as restaurant excursions and competitions. Computer software for language is becoming more widely accessible and the Internet and E-mail provide students with world-wide links. Student exchange programs offer students the opportunity to host an exchange student or to travel (themselves) on exchange. Many universities now offer International degrees which incorporate language study and include a year of study in another country.



Italian

Italian is a colourful and expressive language. Students will have lots of fun learning about modern Italian culture including fashion, cuisine, school, hobbies, food, daily life, shopping, describing people, part time work and media. The course focuses on both Italian and Italo-Australian cultural aspects. The Year 9 and 10 course uses an exciting text called *Ciao Amici 2* which is a topic-based approach.

Requirements

Students will be expected to purchase a published work book (*Ciao Amici 2*) to support the course. Students may elect to purchase this online, from The Language Book Centre, York Street Sydney or another book store selling the text. *Ciao Amici 2* has an approximate cost of \$30.00.

For further information please contact: Miss Roberts (HT LOTE)

Course Name:

SPANISH

Key Learning Area: Languages other than English

Subject Fee: \$20.00 per year for workbook.

Course Information:

Spanish is offered as an elective in Year 9 and 10. This language courses seek to develop in students:

- An ability to communicate with increased skill and confidence
- The acquisition of valuable learning skills
- An appreciation and understanding of another culture



philipmori.info

Students are strongly encouraged to follow their interest in languages outside the classroom and have the opportunity to become involved in enrichment activities such as restaurant excursions and competitions. Computer software for language has become widely accessible and the Internet and E-mail provide students with world-wide links. Student exchange programs offer students the opportunity to host an exchange student or to travel (themselves) on exchange. Many universities now offer International degrees which incorporate language study and include a year of study in another country.

Spanish

Spanish is the 3rd most popular spoken language in the world. It is spoken in over 20 countries and is fun and expressive to learn. Students will develop conversational skills whilst developing strong grammatical tools enabling successful language acquisition. Students will learn about the significance of cultural awareness in language use and ways in which language and behaviour reflect important aspects of the culture and traditions in the Spanish speaking world. The Year 9 and 10 course consolidates grammar with listening, reading and writing skills and uses an new interactive text called *Zoom 2* that employs a student centred topic-based approach.

Requirements

Students will be expected to purchase a workbook (*Zoom 2*) to support the course textbook. They purchase this through the school.

For further information please contact: Miss Roberts (HT LOTE)

Course Name:

CHILD STUDIES

Key Learning Area: Personal Development, Health and Physical Education

Subject Fee: \$10.00 per year. This fee will be used for learning resources and student workbooks.

Course Information:

Child Studies explores the social, environmental, genetic and cultural factors that influence children's development and sense of wellbeing and belonging between the ages of 0 and 8. The Child Studies course explores the nature of child development and learning and the interconnectedness of the physical, social, emotional, personal, creative, spiritual, cognitive and linguistic domains. Students will have the opportunity to explore each stage of development in the early years of life through many practical opportunities.

Child Studies also includes study of family preparation, newborn care and the influence and impact of nutrition, play, technology and the media. Child Studies will assist 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 the world around them. They will learn to identify and evaluate what enhances a child's wellbeing. They become aware of and learn to access a range of relevant community resources and services. Students who elect Child Studies will engage in experiences with some of our local community child care centres.

Modules we have the option to study:

- Preparing for parenthood
- Conception to birth
- Family interactions
- Newborn care
- Growth and development
- Play and the developing child
- Health and safety in childhood
- Food and nutrition in childhood
- Children and culture
- Media and technology in childhood
- Aboriginal cultures and childhood
- The diverse needs of children
- Childcare services and career opportunities



Students will develop:

- Knowledge and understanding of child development from preconception through to and including the early years
- Knowledge, understanding and skills required to positively influence the growth, development and wellbeing of children
- Knowledge and understanding of external factors that support the growth, development and wellbeing of children
- Skills in researching, communicating and evaluating issues related to child development.

For further information please contact: Mrs Brodie (HT PDHPE)

Course Name:

PHYSICAL ACTIVITY and SPORT STUDIES

Key Learning Area: Personal Development, Health and Physical Education

Subject Fee: \$5.00 per year. This fee will be used for learning resources and student workbooks.

Course Information:

This course is an extension of the Personal Development, Health and Physical Education Curriculum. It is both theoretical and practical, providing opportunities for students to acquire knowledge, skills and positive attitudes about health and wellbeing, fitness, sporting performances and active lifestyle.

Area of Study:

The content is organised into modules with the following three areas of study:

- Foundations of Physical Activity
- Physical Activity and Sport in Society
- Enhancing Participation in Performance

From these core topics, a number of optional modules are studied from the list below.

Topics optional for study include:

- Body systems – Anatomy and Physiology
- Physical Activity for Health
- Nutrition and Physical Activity
- Physical Fitness
- Fundamentals of Movements Skill Development
- Participating with Safety
- Lifestyle, Leisure and Recreation
- Australian Sporting Identity
- Physical Activity and Sport for Specific Groups
- Opportunities and pathways in Physical Activity and Sport
- Issues in Physical Activity and Sport
- Event Management
- Coaching
- Promoting Active Lifestyles
- Enhancing Performance - Strategies and Techniques
- Technology, Participation and Performance



This is a useful course for those wishing to take 2 Unit Personal Development, Health and Physical Education in Year 11 as it prepares students with sufficient foundation knowledge for the senior course however, it is not a prerequisite for Year 11 and 12 PDHPE.

This course also builds coaching skills which students could apply when coaching sport outside of school. The approximate costs of excursions associated with this subject depend on modules programmed for study.

A ski trip for students who study Physical Activity and Sport Studies is an optional 4-day excursion. The ski trip covers the topics Physical Fitness, Lifestyle Leisure and Recreation and Body Systems and Energy for Physical Activity. The cost of the ski trip is approximately \$750.00. Attendance at this camp is not compulsory if you elect this subject.

For further information please contact: Mrs Brodie (HT PDHPE)

Exclusion: Students in an accelerated course are not allowed to select this course.

Course Name:

iSTEM

Key Learning Area: Science, Technology, Engineering, Maths

Subject Fee: \$50.00 per year This fee will be used for learning resources and student workbooks.

Course Information:

Integrated STEM education incorporates Science, Technology, Engineering and Mathematics into one unique subject. It is a School Developed Board Endorsed Course (SDBEC) which has been approved by the NSW Education Standards Authority and forms part of a student's academic record in NSW. This subject focuses on utilising the design process and project-based inquiry learning skills to solve real world problems. Throughout the course, students will collaborate and work effectively in teams. They utilise their communication, time management and leadership skills to produce innovative solutions.

Course structure

Across Year 9 and 10 students will complete four core modules and six elective modules;

Core Modules	Suggested Elective Modules	
STEM Fundamentals 1	Aerodynamics	Energy and Transport
STEM Fundamentals 2	Motion	Health in Space
Mechatronics 1	CAD/ CAM 1 &2	Sustainability
Mechatronics 2	Surveying	Rehabilitation
	Design for Space	Robotics + Human Movement
	Statistics in Action	Agriculture in Space
	Biotechnology	Biomechanics
	Health Science	Medical Science – Prosthetic Limb Development
	3D Body Parts	

The four core modules combined are 50 hours (two terms) in duration. Each elective module is 25 hours (one term) in duration.

During the course students will be introduced to the following skills

- Problem-solving,
- Creative thinking,
- Critical, inquiry,
- Literacy and numeracy in real world,
- Engineering- design thinking; and
- Collaboration

Some of the projects that students may undertake in this course are building Prosthetics, rockets and planes, electric /solar cars (STELR), earthquake resistant buildings, designing footwear for athletes and renewable energy which is sponsored by the STELR Program initiative of the Australian Academy of Technology and Engineering. They may also be involved in coding and designing robots and participating in competitions to showcase their talent.

Students who are interested must submit an Expression of Interest.

For further information please contact: Mrs Lovett (HT Secondary Studies)

Course Name:

Design & Technology

Key Learning Area: Technology & Applied Studies

Subject Fee: \$51.00 per year. This fee is used for materials.

Course Information:

Design and Technology is STEM focused, Project Based Learning subject. The subject is logical, creative and practical; a subject that gives students the opportunity to apply what they have learned in Maths and Science by blending their knowledge and skills to create innovative solutions to global design problems. The world needs a future workforce that understand the holistic nature of Design and Technology and who can apply design processes, develop ideas, communicate and justify solutions and use technologies to meet identified needs and opportunities.

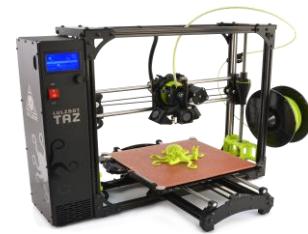
Students who study Design and Technology will develop knowledge and skills in the following areas:

Design Thinking

- How to apply design thinking to solve problems in a creative manner

Understanding Users

- Defining a Target Market and exploring demographics
- Analysing User Experiences for possible design opportunities
- Understand how products are used by consumers and their needs



Analysing Products

- Understand how everyday products have been designed and manufactured
- Develop an understanding of materials and their properties
- Learn about the work of past and present designers and engineers



Designing

- Concept sketching and design communication
- CAD (Computer Aided Design) 3D modelling & Rendering
- Prototyping
- Manufacturing
- The importance of taking risks in order to innovate

Making

- CAM - Computer Aided Manufacturing
- Working safely with tools and equipment
- Cutting Edge Manufacturing Technologies - 3D Printers, Laser Cutter, Dye Sublimation Printing
- Future Focused STEM skills are embedded throughout the course.

The syllabus focuses on students using a variety of technologies in the production of quality design projects.

Project focus areas include: Product Design, Engineering, Urban Architecture, Digital Media, Promotional Design, Medical, Information Systems, Electronics, Control Technologies, Student Negotiated

Students are required to **complete a minimum of three** and a maximum of six units of work that address at least three areas of design. In each of the project's students will learn how to be creative in their thinking, planning and designing whilst developing a wide range of subject skills. Students enjoy the variety of tasks and challenging nature of design and technology, which enables students to maximise their individual talents and capabilities for life-long learning.

For further information please contact: Mrs Goodhue (HT TAS)

Course Name:

Food Technology

Key Learning Area: Technology & Applied Studies

Subject Fee: \$77.00 per year. This fee is used for food consumables

Course Information:

Food Technology involves the investigation of food through practical ‘hands on’ applications and processes such as designing, researching, making, communicating and managing.

It provides opportunities for students to evaluate the relationship between food, technology, nutritional status and quality of life.

The study of Food Technology provides students with a broad knowledge and understanding of food properties, processing, preparation and their interrelationship, nutritional considerations and consumption patterns.

It addresses the importance of hygiene and safe working practices and legislation in the production of food.

Students will develop food-specific skills, which can then be applied in a range of contexts enabling students to produce quality food products. It also provides students with a context through which to explore the richness, pleasure and variety food adds to life and how it contributes to both vocational and general life experiences.

What will students learn about?

Students will learn about food in a variety of settings, enabling them to evaluate the relationships between food, technology, nutritional status and the quality of life.

Cores of Food Preparation and Processing and Nutrition and Consumption are covered within the Focus Areas which may include:

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



For further information please contact: Mrs Goodhue (HT TAS)

Course Name:

Graphics Technology

Key Learning Area: Technology & Applied Studies

Subject Fee: \$35.00 per year.

Course Information:

Graphics is a universal language and an important tool for thinking and communicating in the 21st Century. Students undertaking this course will develop skills in using a variety of tools, materials and techniques that are used in industrial, commercial and domestic settings. Students should be aware that this subject is practical in nature.

Through the study of Graphics Technology students become increasingly productive, creative and confident in the use of modern-day technologies. In an age of rapid technological development, where Computer Aided Design (CAD), Computer Aided Manufacture (CAM) and Multimedia applications such as 3D animation are widely used, the study of Graphics Technology is particularly relevant. Students will gain experience in a variety of cutting-edge industry standard CAD software packages such as:

- Autodesk Fusion 360
- Autodesk Flow Design
- Rhinoceros
- Keyshot
- Adobe Illustrator
- Adobe After Effects
- Adobe InDesign

What will students learn about?

Students will work through a range of projects from the list below

- Computer Aided Design
- 3D Animation
- Special Effects
- Computer Aided Manufacture
- Graphic Design
- Architecture
- Product Design / Illustration
- Engineering Drawing
- Student Negotiated Project



Above: a sample of works created by Year 9 students in Graphics Technology

For further information please contact: Mrs Goodhue (HT TAS)

Course Name:

Industrial Technology (Timber)

Key Learning Area: Technology & Applied Studies

Subject Fee: \$59.00 per year, plus additional materials when required. This fee is used for timber, glue, fasteners, paints etc.

Course Information:

Industrial Technology (Timber) for Years 9 and 10 is an elective course that builds on the knowledge, skills and experiences developed in the Technology Mandatory course studied in Years 7 and 8.

The major emphasis is on students being actively involved in the planning, development and construction of quality practical projects. Students will be provided with a range of theoretical and practical experiences, including the use of hand and power tools, which develop knowledge and skills associated with the use of timber.

What will students learn about?

A project report is required for each practical project completed and will form part of the overall assessment of each module. Each project report will involve the submission of:

- homework study units,
- sketching of possible design solutions,
- the creation of computer aided design drawings,
- research of existing products similar to the project being undertaken

Possible projects to be undertaken include:

- Cheeseboards/cutting boards
- Billy carts
- Clock cases
- Jewellery boxes
- Pinball machine



For further information please contact: Mrs Goodhue (HT TAS)

Course Name:

Information & Software Technology

Key Learning Area: Technology & Applied Studies

Subject Fee: \$15.00 per year. This fee is used for software licences and Lego products

Course Information:

Today in this world of technology, which is constantly changing, students will be required to gain the skills that will empower them with self-directed learning. Information and software technology offers students with this opportunity. It is a NESA endorsed elective course. As a result of studying this course, students will be equipped to make appropriate use of and informed choices about information and software technologies both at a personal level and in the work place.

This course emphasises on the practical aspects of the projects. The core content to be covered in this course is integrated into the option chosen within the school. Each topic is built upon detailed practical project where students design, produce and evaluate their solutions to a given problem either working on their own or as part of a team. Development of technology skills using a variety of software packages and information about career opportunities are important aspects of this course.

There is an emphasis on practical computing activities where students learn the skills to use in a wide variety of computing areas. The option topics to be studied within this course include:

Robotics and Automated systems (students design, create and program their own Robot to perform various activities using ROBOLAB- an icon-based Program. The students will select the music of their own choice and program their robot to dance with that music. This also involves the use of various sensors e.g. light sensor and touch sensors. This topic will also allow students the opportunity to explore a range of automated systems and robots using different interactive programs).

Digital media (Practical emphasis on creating digital media products – Graphical designs, animation sequences, audio sequence, video production etc; manipulation techniques such as Image fixing, colour replacement, special effects, Cropping, morphing, warping, noise removal etc and digitisation process of data types such as scanning, frame grabbing, OCR etc will be covered in this topic. Various application software such as Adobe InDesign, Audacity, Photoshop, Premiere etc will be used to complete activities for this option topic.).

Internet and website development (students create and evaluate a website for a given purpose using a professional software application. They explore how the Internet works and the roles that a number of key elements play including different protocols used on the Internet).

Database design (students create a database to organise, store, process and analyse data and present information using a DBMS. Considering the output of the system, they enter the data and manipulate it through queries and sorts, create macros, perform calculations in queries and reports and generate appropriate reports. They also integrate the data from database into other application software to generate reports or letters).

Authoring and Multimedia (students create a multimedia package for a given situation using authoring software such as Adobe Flash, Adobe Captivate, Adobe Premiere etc).

For further information please contact: Mrs Goodhue (HT TAS)

Course Name:

Textile Technology

Key Learning Area: Technology & Applied Studies

Subject Fee: \$56.00 per year approximately. This fee is used for textile fabrics, thread, dyes, paints, fasteners etc. Students will need to provide their own materials for individual projects.

Course Information:

What will students learn about?

Students learn about textiles through the study of different focus areas & areas of study. The following focus areas are recognized fields of textiles that will direct the choice of student projects:

- Apparel
- Furnishings
- Costume
- Textile Arts
- Non-apparel



Course Description:

The study of Textiles Technology provides students with a broad knowledge of the properties, performance and uses of textiles in which fabrics, colouration, yarns and fibres are explored. Students examine the historical, cultural and contemporary perspectives on textile design and develop an appreciation of the factors affecting them as textile consumers. Students also investigate the work of textile designers.

Students will undertake a range of practical experiences that occupy the majority of course time. Textile projects give students the opportunity to be creative, independent learners and allow students to develop skills and confidence in the use of a range of equipment.

What will students learn to do?

Students will learn to use the creative process to design textile items. Students design ideas and experiences will be documented and communicated through portfolio work. Students learn to select, use and manipulate appropriate materials, equipment and techniques to produce quality textile products. Students will learn to identify the properties and performance criteria of textiles and identify the influence of historical, cultural and contemporary perspectives on textile design, construction and use.

For further information please contact: Mrs Goodhue (HT TAS)