



WHEELERS HILL
Secondary College



Middle School Subject Handbook

2021

Be The Best That You Can Be

RESPECT | EXCELLENCE | CREATIVITY



Middle School Subjects 2021

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Whole School Programs

The Victorian Curriculum

The Victorian Curriculum F–10 sets out a single, coherent and comprehensive set of content descriptions and associated achievement standards to enable teachers to plan, monitor, assess and report on the learning achievement of every student.

The Victorian Curriculum F–10 incorporates and reflects much of the Australian Curriculum F–10, but differs in some important respects, most notably the representation of the curriculum as a continuum of learning and the structural design.

Victorian government schools are required to use the Victorian Curriculum F–10.

More information regarding the Victorian Curriculum can be found at <http://victoriancurriculum.vcaa.vic.edu.au>

Laptop 1:1 Program

All students in Year 7 will purchase their own laptop (from the recommended list). Students in Years 8, 9, 10, 11 and 12 will continue to bring their previously purchased devices. This will be used every day at school and home to assist in reshaping and enhancing their learning and engagement. The purpose of 1:1 learning is to create confident, flexible self-directed, lifelong learners. At the heart of good 1:1 learning is equity to ensure that all students have access to technology-rich experiences, and simplicity to ensure that it is easy to manage and sustain. Through this increased access to technology students and teachers can access learning tools that can be highly differentiated and collaborative. Together with quality instruction, the technology opens up the possibility of new models for learning within and beyond classrooms.

The Extension and Enrichment Program

Wheelers Hill Secondary College's Extension and Enrichment (E&E) for English and Mathematics enhances students in their study of English and Mathematics in Year 7 and 8 by providing additional support and challenge from expert teachers.

While the school provides extension and enrichment for learning at all levels, the Year 7 and 8 timetables are uniquely structured to increase teacher support. Students who are more advanced in their skills work together on intellectually demanding tasks at a more challenging pace. Students who are progressing at an average pace learn with others requiring a similar degree of challenge and extension. Those who are experiencing difficulty receive supportive instruction that is appropriately challenging and engaging.

The program now extends into Year 9 where differentiation is undertaken within the classroom, to better suit student needs. Students at Year 10 and VCE will continue to be provided with high-quality teaching, expert support with their learning and the opportunity to undertake advanced studies.

The curriculum for E&E: English and E&E: Mathematics at both Years 7 and 8 are organised around the content and achievement standards of the Victorian Curriculum. Details of the relevant levels and achievement standards can be viewed on the [Victorian Curriculum website](#)

Instrumental Music

Every year the College provides students with the opportunity to develop skills musically on a variety of instruments. Instrumental Music is offered to all students from Years 7 – 12 with optional participation in College ensembles and performances. These include the Annual College Musical Production, Open Night, Information Evenings, Choir Performances, Education Week, Awards Night.

Music lessons are subsidised by the College and maintain competitive pricing when compared to external private lessons. Students receive ongoing access to sheet music, exercises and performance techniques and every student receives an end of semester report.

The College currently offers Instrumental Lessons for the following – Electric/Acoustic Guitar, Bass Guitar, Drum Kit, Saxophone, Keyboard/Piano, Vocals (Singing). All students are responsible for ensuring they attend lessons during the school day which run parallel with normal class times. Students wishing to undertake instrumental music need to register with the Performing Arts Leader. Instrumental Music fees vary with each instrumental structure - more details can be found by speaking to the Performing Arts Team.

Core Subjects: Years 7-9

English

The study of English is central to the learning and development of all Wheelers Hill Secondary College students. It helps create confident communicators, imaginative thinkers and informed citizens. It is through the study of English that individuals learn to analyse, understand, communicate with and build relationships with others and with the world around them. The study of English helps young people develop the knowledge and skills needed for education, training and the workplace. It helps them become ethical, thoughtful, informed and active members of society.

Mathematics

Learning Mathematics creates opportunities for, and enriches the lives of, all Wheelers Hill Secondary College students. The Victorian Curriculum: Mathematics provides students with essential mathematical skills and knowledge in Number and Algebra, Measurement and Geometry, and Statistics and Probability. It develops the numeracy capabilities that all students need in their personal, work and civic life, and provides the fundamentals on which mathematical specialities and professional applications of mathematics are built.

Humanities

At Wheelers Hill Secondary College, the Humanities in Years 7 to 9 cover four areas of study: History, Economics and Business, Geography and Civics and Citizenship. History will study such topics as Skills of the Historian, gaining an overview of the Ancient Past, and investigating Ancient societies.

Economics and Business explores the ways individuals, families, the community, businesses and governments make decisions in relation to the allocation of resources. It aims to enable students to understand the process of economic and business decision-making and its effects on themselves and others, now and in the future.

Geography is a structured way of exploring, analysing and understanding the characteristics of the places that make up our world, using the concepts of place, space, environment, interconnection, sustainability, scale and change.

Civics and Citizenship is essential in enabling students to become active and informed citizens who participate in and sustain Australia's democracy. Through the study of Civics and Citizenship, students investigate political and legal systems, and explore the nature of citizenship, diversity and identity in contemporary society.

Science

At Wheelers Hill Secondary College, Science in Years 7 to 9 gives students the opportunity to consider the

world around them by thinking and behaving like scientists. It covers key inquiry and thinking skills, as well as several areas of study involving biological, chemical, physical and psychological sciences.

Languages

As of 2021, Wheelers Hill Secondary College will be transitioning to French and Mandarin as the two languages offered at the college where previously we have offered French and Indonesian. This means French and Mandarin will be the languages available at Year 7 and 8, while for 2021 only French and Indonesian will be offered at Year 9.

The language course aims to enable students to communicate effectively in speech and writing in the target language. We aim to develop and build upon understanding and awareness of the similarities and differences between Australian society and those of France and China or Indonesia through the study of language and cultural units. Our students will have the chance of discovering the cultures and ways of life of the language through a variety of texts in the school's library and through a range of traditional movies in the languages studied. The students will learn, practice and engage in the language through a broad range of activities offered by their teachers, such as the creation of videos, plays, games and excursions to help them develop their communication skills and their international and global awareness thanks to bilingualism.

Students are required to learn one Language in Years 7 and 8 for the whole year and may choose a Language from Year 9 onwards as part of their elective choices.

Health and Physical Education

In Year 7 all students study an integrated subject of Physical and Health Education. The course aims to improve student fitness levels and to extend their competencies in the fundamental motor skills through their application to movement, striking, ball, racket, dance, gymnastics and teamwork skills. Students investigate aspects of health including personal identity and relationships, physical changes in puberty and the dangers involved in smoking.

At Year 8, students continue with Physical Education through the year and in one semester they undertake a specific Health Education subject covering physical and social development during adolescence, reproductive health, relationships and the effects of alcohol on health.

In Year 9 Physical Education will evaluate their personal fitness and set goals for improvement. They will evaluate individual and group tactics, together with the skill and movement patterns employed in games, to improve team skills. Students will elect to undertake units in fitness and various sports and activities. In Year 9 Health the focus is on issues that are both significant and of interest to adolescents, such as: adolescent development and health issues; strategies to enhance resilience and minimise harm; cyberbullying; the effects of illegal drugs; and sexuality.

Year 7 Students

Whole Year Studies

English	6 periods
Maths	6 periods
Science	5 periods
Humanities	4 periods
Languages (French or Mandarin)	4 periods
Physical and Health Education	5 periods
Digital Technologies	3 periods
Performing Arts	3 periods

SEMESTER UNITS per fortnight

Visual Art	4 periods
Material Technology	4 periods

French

In Year 7, students will be introduced to the role of the French language and culture in communication when learning a foreign language such as French. French and English are both global languages, and have many similarities thanks to Latin being their root language. It broadens students' personal, social, cultural and employment opportunities in our world. Bilingualism is the norm in most countries, Australia included.

An introduction to a broad range of topics will teach students how to interact and share opinions with others by introducing themselves, asking and answering questions, providing information about themselves and their friends. Students will additionally, learn about the French fashion, providing them with a deep insight into the culture and way of life in France and other French-speaking countries (half of Africa, the Indo-China area and the Pacific). The vocabulary and grammar for each topic will be taught explicitly, through cultural anecdotes, active learning, games and hands-on activities, while also using the four language skills: speaking, listening, reading and writing.

By the end of Year 7, our students will use language for communicating, interpreting, creating and exchanging meaning on topics such as: greeting and introductions, nationalities, numbers from 1-60, the body parts, clothing and fashion in France. The students will also learn how to conjugate the high frequency verbs (avoir, être), to understand gender norms in nouns and how to use adjectives.

Chinese (Mandarin-Second Language)

This course is designed for students with minimal or no prior learning of the Chinese language and script. Students will develop essential knowledge, skills and cultural understandings by exploring a range of topics, including basic greetings, personal information, family, friends and shopping. By the end of the year, students will be able to introduce themselves from various aspects and negotiate deals and prices in Chinese. Students will also have a taste of various traditional customs and contemporary practice that are significant to the Chinese communities around the world

Digital Technologies

In this course, students will develop skills in Office based applications as well as programming and media tools. Students create user and technical documentation and are encouraged to develop computational ideas to create interactive stories, animations or games, while also learning to think creatively and work collaboratively. Students create and maintain an up-to-date, logically structured bank of evidence of their learning. Students will investigate the accepted codes of practice when using ICT, and discuss the consequences of ICT use in a range of environments and contexts in the community.

Performing Arts

This course involves the study of Performing Arts through sound, music, drama, movement and production. Students use a visual diary to generate ideas for original performance works. They work both individually and in small or whole class groups to plan and structure performances for particular purposes and audiences, developing the communication skills necessary to work collaboratively. A range of instruments are experimented with and demonstrated throughout the course. Students respond in written work and during in class discussions, to performance works from different times, places, cultures and genres. They learn how to use appropriate arts terminology to discuss performance works.

SEMESTER UNITS

Materials Technology

The Year 7 Material Studies course consists of a range of design tasks which provide hands on experiences using basic tools and equipment. Students broaden their understanding of the design process from developing an idea through to construction. They work with a range of materials such as fabrics, wood, plastic and metal. Workshop safety and the care and maintenance of tools are emphasized.

Visual Art

This course involves the exploration of visual art through ideas, skills, techniques and processes. Students will

be given the opportunity to engage in a variety of two and three-dimensional art making processes, including ceramics, printmaking, painting, mixed media and drawing. The finished work from each unit will form a folio of completed art works that present visual solutions to given problems. Students use a visual diary to explore ideas and designs for artworks, as well as record class notes. Traditional and contemporary art works will be viewed and students will learn how to use appropriate arts language to discuss observations and reflections both informally in class and formally in a written assessment task.

Year 8 Students

Whole Year Studies

English	6 periods
Maths	6 periods
Science	4 periods
Humanities	4 periods
Languages (French or Mandarin)	4 periods
Physical Education	5 periods
Performing Arts	3 periods

SEMESTER UNITS per fortnight

Health Education	4 periods
Visual Art	4 periods
Food Technology	4 periods
STEM - Materials	4 periods

French

In Year 8, students will build on the knowledge learned the year prior, and will acquire the skills of communication for everyday conversations and situations. The students will be able to use the areas of speaking, writing, listening and reading to introduce, share and retrieve information on others' and their own personal lives (family, pets, school and personal routine).

The Year 8 students will experience the French language through the exploration and the appreciation of the culture and way of life of Metropolitan France and the many other French speaking countries around the world (half of Africa, the Indo-China area and the Pacific). The students will also get to communicate with a French student from New-Caledonia (a French territory off the Queensland coast).

By the end of Year 8, our students will use language for communicating, interpreting, creating and exchanging meaning on topics such as: family and pets, physical descriptions and personality traits, the time, their school-life, frequency of and opinions on school subjects. Vocabulary and grammar for each topic will be taught explicitly through active learning, through games and other hands-on activities all the while using the four language skills: speaking, listening, reading and writing.

Mandarin

The Year 8 Chinese course builds on the knowledge and skills students have learned from Year 7. Students will continue to explore a wide range of topics in Chinese, including school life, hobbies, daily routine and food. By the end of the year, students will be able to discuss preferences in school subjects, express opinions on personal interests, justify their actions with reasons and order food and drinks at a Chinese restaurant. Students will also be engaged in cultural activities, such as debating, discussion, online research and hands-on workshops or excursions, to develop a deeper understanding in various aspects of the Chinese culture.

Performing Arts

Students learn to understand and incorporate themes and issues while studying the Performing Arts through sound, music, drama, movement and production. They are introduced to the use of pre-texts and other stimulus materials in planning performance works. This planning is recorded in a visual diary that is used to develop ideas and incorporate meaning into the work. Students work both individually and in small or whole class groups to plan and structure performances for particular purposes and audiences, refining their communication skills while collaborating. Students experience, interpret and evaluate dances, dramas and historical music from a range of styles. Their art vocabulary is built on to help and develop written responses to the works.

SEMESTER UNITS

Visual Art

Students further the skills they have acquired in Year 7 in both two and three-dimensional media such as painting, drawing, ceramics, printmaking, mixed media and ICT, each of these art forms will be used to create finished works. This course encourages students to explore themes and to develop their creative and technical skills to communicate ideas and feelings. Students develop skills in thinking creatively and reflecting on their own progress by using a visual diary to plan visual responses and ideas. They also use their visual diary to record class notes and their experimentation with a wide variety of media. Students will be given tasks that will enable them to develop drawing skills through a process of observation and practice. At Year 8, they begin to understand the cultural and historical context of art. They will contribute to discussion about how artists construct meaning in selected art works and use this learning as a basis for their written work.

Food Technology

Food Technology is introduced and students study nutrition and develop food preparation skills. Students are involved in the research, design, production and evaluation of food products. The emphasis is on learning new skills as well as making informed and appropriate nutritional choices in selecting foods for a healthy life style.

Topics explored include: food safety; healthy living pyramid; the importance of breakfast; healthy meals; packaging and labelling of food products; recycling; cooking for family and friends and creating new foods.

STEM - Materials

In STEM - Materials, students are involved in the research, design, production and evaluation of resistant material products. Students work through a sequential program designed to give them experience in using basic tools and equipment while producing small projects and models. Projects are based on the development of skills and techniques. The course emphasises sustainability, workshop safety, correct use of tools, and care in crafting. It also focuses on the understanding of aspects of design and the appreciation of a range of materials being used.

Year 9 Students

Year 9 Studies

The Year Nine program consists of the following studies.

English	6 periods
Maths	6 periods
Science	4 periods
Humanities	4 periods
Physical Education and Health Education	4 periods (one study in semester each)
Physical Education	4 periods
Elective Units (3 per semester)	4 periods

Note: At Year 9, Languages are part of the elective choices.

Year 9 Community Connections

Community Connections Programs

Semester 1

The Community Connections Program offers students a choice from a diverse range of meaningful units of study relating to developing connections with their community. Key documents such as Towards Victoria as a Learning Community and The Melbourne Declaration on Educational Goals for Young Australians, support closer connections and partnerships with the community as a way of further improving student learning outcomes. In Terms 1 & 2, Year 9 students can choose one of the following options:

Community Art

Students will research existing community arts projects to help develop their own ideas for a community arts project that will be implemented in Term 2. They will liaise with a specific community group to develop a public art project that has been collaboratively designed and planned by students in groups or individually. Students will gain skills in a variety of arts media and will consider the interests and sites appropriate to their community group.

Digital Communication

Students will plan for, design and publish a digital media product that will focus on the awareness of a particular community need. They will explore the use of a range of communication methods including imagery, websites, video, ebooks and animation. They will also investigate the different ways that these media can be published to a broader audience. After their exploration, they will choose a focus method for their community product.

Robotics and Coding

Students will develop their understanding of the practical applications of robotics and automated systems. Using the Lego Mindstorms software and equipment, they will design, build and program their own robots. They will investigate the robotics community and participate actively in this via the Robocup competition. Students will work with younger people by sharing their expertise and running robotics workshop sessions.

Soundscapes

Students will plan for, design and produce soundscapes that focus on demonstrations and installations in a public location as part of the wider community. The learning activities will include the development of creativity, design, ICT, composition and presentation/performance skills, helping students to publish soundscapes to videos, media or other negotiated projects. These projects will be planned in conjunction with the needs of a community group that the students negotiate a working relationship with during Term 1 and will then be carried out during Term 2.

Sports Coaching

Students will develop their knowledge and understanding of what makes an effective coach and design and implement coaching sessions that cater to a range of groups and ability levels within the community. Students will develop skills relating to the planning and implementation of a training session such as identification of skills specific to a chosen sport, lesson plan structure and design factoring in the varied ability levels and using feedback from a range of sources to inform and improve their coaching effectiveness.

Sustainability in the Community

Students will explore the many ways in which our community behaviour becomes more 'throwaway' through the increase of fast fashion, fast technology and single use convenience. They will investigate the impact social media has on their behaviour and that of their peers and fellow students. Working with stakeholder groups and organisations, students will build their understanding of the results of this consumer behaviour and investigate different ways that they can enact change within their school community to slow down the use of resources. Students will plan and implement an initiative to rehome, repurpose, reuse, reduce and/or recycle within the college community.

Textiles in the Community

Students will research existing community craft groups to help develop their own ideas for community textiles projects. They will investigate existing Textile artists in Australia and around the world, including Yarn Bombing installations and the successful 100th Anzac Day Poppy project. Organisations like Knit One – Give One (KOGO), Wrapped with Love, Project Linus and Knitting for Injured Wildlife. Students will gain skills in a variety of craft skills like knitting, crochet and hand sewing to create beanies, scarfs, blankets and 'Softies for Mirabel', the homeless in Melbourne, knitted penguin jumpers and premature babies.

Toys for the Community

Students will design and create a range of wooden toys which will then be donated to several community groups. Students will develop their own ideas for the wooden toy projects and they will investigate the properties of timber and undertake the safe use of machinery and equipment. Wooden toys are durable and usually last longer than their plastic counterparts and students will conduct a range of testing procedures to verify material characteristics. Students will undertake a range of theory assessments to reflect current safety regulations as well as conduct a research assignment.

Semester 2

Year 9 students will complete the following compulsory units.

Careers

As part of this unit of study, students will further consider what pathway might be suitable for them, and how they might prepare for such a pathway. They will also study topics that will further prepare them for accessing potential employment and / or study options in the future. Activities such as resume preparation, self-development, mapping a career path, preparing for a 'job interview', writing applications, site visits to industry and tertiary institutions, listening to guest speakers and gaining an understanding of what qualifications are required for different careers and courses are a feature of this unit of study.

Urban Connections

Urban Connections allows students to participate in studies that will help them develop an understanding of their community, and the sustainability issues that come with living in a major city. As part of a 'Sustainable Cities' unit undertaken by all students, they will visit the City of Melbourne and its surrounds as part of their research and studies. During these visits, students will have the opportunity to further explore and make connections with how the city of Melbourne deals with such issues as energy use, pollution, transport. The students will pick and develop a project which is of interest to them, together with further improving their understanding of how a community can function effectively in the 21st Century.

Year 9 Electives

Students undertake six of the following elective units (three per semester)

Students cannot select more than 3 units from any one subject group. Subject groups are listed on the Year 9 Elective Charges page.

Whole Year Elective Units

Languages - French / Indonesian / Mandarin	4 periods per semester
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It is expected that students selecting a language elective will complete a unit in each semester in that language.

French

In Year 9, students will develop their understanding and skills to ensure they are able to communicate and comprehend written and spoken French. By engaging in a variety of texts and conversations with French speakers, students will expand on their vocabulary and experiment with various modes of communication. Students will be able to share information and their opinion as well as give and retrieve directions. Throughout Year 9, they will continue to write and converse with their pen-pal in New-Caledonia through written letters and sometimes videos.

In Year 9, the French students will broaden their horizons on the opportunities available in our interconnected and interdependent world. The students will develop an understanding and an awareness of the global issues such as homelessness and European industries through history and geography. They will be able to creatively participate in imaginative and creative experiences (videos, menus, pen-pal and stories), and to design, interpret and analyse a broad range of texts and experiences, for example: books, movies and excursions in French businesses in Melbourne.

By the end of year 9, students will use their cultural knowledge and the language for communicating, interpreting, creating and exchanging on topics such as: school and daily routine, hobbies, the home and the household items, French shops and entertainment, items and food. Students will have built an ability to count up to 100 and use a variety of verbs in different tenses.

Indonesian

Why not continue learning Bahasa Indonesia? It is the language spoken by more than 250 million people in our closest neighbouring countries. It is fun and easy to learn. You will learn how to communicate in spoken and written language, understand the people and their culture and at the same time develop self-awareness and a

sense of identity. Topics that will be covered include: 'How do we hang out?', 'How do we care for ourselves?' 'Why do we travel?' and 'How do we care for our environment?' Different cultural activities selected for each of the topics are: 'Ada Apa dengan Cinta', cooking satay chicken, watching and researching tourist attractions in Indonesia and saving Orangutans.

Mandarin

This course is designed for students with minimal or no prior learning of the Chinese language and script. It introduces students to the essential knowledge and skills in the Chinese language, using Pinyin and 100 basic Hanzi characters. By the end of this course, students will have covered topics including daily greetings, classroom instructions, asking for and relating personal information about themselves and their family, as well as developing a cultural knowledge of Chinese speaking countries through culturally related activities.

Semester Based Electives Units

These subjects run for one semester only.

Art

Students explore and develop ideas using research, observation and personal experiences as starting points for their practical tasks. They explore a range of media and techniques including painting, printmaking, drawing and mixed media. Within specified themes students will plan, design and create a folio of finished art works. They document their process and understanding of possible visual resolution of ideas in a visual diary, helping them to develop their personal style. Culture is an important aspect of the course that is reflected in the research tasks on artistic styles, and also in the comprehension tasks that explore comparative analysis of various artists' works.

Astronomy & Earth Science

In this subject, you will explore the wonders of the Universe from the edge of space to the beginning of time. You will travel from our own planet to black holes to planets and moons circling other stars, from the Earth's core to its crust and beyond to the outer edges of the universe. You will discover how the universe was created, how stars are born and die, and how different cultures explained movement in the night sky. You will discover how mountain ranges and volcanic islands were formed and how the structure of planets affects their nature. You will also look at how technology is used to expand our understanding and undertake activities to simulate how science uses tools like robots to solve problems experienced in the exploration of other bodies.

Ceramics

Students are introduced to basic construction and decoration techniques. They study the nature of clay, oxides and glazes, and the firing process by practical and theoretical means. Ceramics is researched historically, commercially and as an art medium. The practical folio includes hand building (coil, pinch, slab, moulded), a sculptural piece, a negotiated own choice piece, cast forms and possibly wheelwork. The theory components include recycling, wedging, sources of clay, firing, decoration, oxides and glazes.

Digital Technologies

This course will allow students to use and become confident in using a range of software programs and technologies. The software chosen will vary depending on the interests and skills of the students. They will develop an understanding of the basic skills required to solve problems using ICT. In solving problems students will select the appropriate sources of data, software types, and design in order to produce a variety of outcomes. Students will also explore the use of technology in the community and study the impact that this might have on society.

Disasters and Dastardly Deeds

This elective will have a strong emphasis on investigating historical mysteries and the unsolved. Students will use and evaluate visual sources of History, and will initiate their own research to a very large extent. In particular, material from the Internet, TV and videos will be used. Students will have a large input into what is studied. Topics could include unsolved mysteries, murders and turning points in history. Topics could include the Vietnam War, JFK, World War II including topics like Pearl Harbour and the Holocaust, the sinking of the Titanic, the Space Program, including Apollo 13. Topics like the demise of Kurt Cobain, the World Trade Centre, Islamic State and other legends could also be included.

Drama

Students explore different aspects of drama, performance styles and technical stage work. Through practical workshops, they are introduced to a range of non-naturalistic theatre styles and performance techniques such as transformation of character, space, object to create an original work based of a prescribed text. The students perform shared dialogues, monologues and group-devised works. Units include Non-Naturalism and Epic Theatre. They are given the opportunity to work costumes and props and evaluate works created by themselves and other artists.

Drones, Droids and Directing

Students explore the use of 21st Century equipment including drones, filming and editing software and robotics in producing a multi-modal product (incorporating film, illustration and digital editing). Students will be required to plan their collaborative project and "pitch" it to the class. They will then provide an outline of their project in the form of a photo-story. Finally, the students will complete and present their final product.

Food: Café Culture (Technology)

This course is designed to provide students with the opportunity to learn about the Hospitality Industry in an authentic way and prepare students with skills to prepare them for future employment opportunities. Students will develop skills in all aspects of running a cafe, such as kitchen management, food preparation and safety, money handling, costing, cooperation, collaboration and develop conversational skills appropriate for a working environment. Students will focus on sustainability and food banks within the café culture and what happens to excess food on a daily basis. Skills gained during this course may assist students with gaining employment in the local hospitality industries.

Students will continue in the development of a range of cookery skills required in the preparation of a range of café style foods.

Food for Sport (Technology)

Food plays a very important part in our lives. It is the essential fuel that keeps us alive and is frequently the focal point of our social life, as we share food with family and friends. Because food is so fundamental, it is important for us to understand how to prepare it, so that it provides us with the essential nutrients as well as being appealing to eat. This course will give students the opportunity for both practical activity and theory study. The subject will focus on the importance of fitness, fitness training and methods of improving performance. In theory classes, students will undertake a comprehensive study of nutrition and current food trends. Course material will include fad diets, super foods, food choices, high performance nutrition, meal ideas, healthy eating strategies and exercise all to improve health and well-being. Students will design and create their own dishes and photograph their food items in practical tests.

Food Studies (Technology)

Students will be encouraged to experience new flavours and ingredients, adapt recipes to suit various circumstances and plan menus for themselves and others. Migration has had a dramatic effect on the food eaten in Australia. Students will examine the history of food in Australia, beginning with traditional bush foods prepared by Australian Indigenous communities, the influence of early European settlers together with continuing immigration from a variety of cultures, and examine the subsequent effects on contemporary

Australian eating patterns. Students will design and create their own dishes and photograph their food items in practical tests.

Forensic Science

This subject investigates the roll of science in legal investigations by exposing the truth and glamour of CSI. It looks at the skills and tools used by scientist to examine evidence and make inference as well as the limitations and reliability of tests. It also looks at the basic process of gathering evidence, testing and validating claims and applying science in a legal framework. Some areas covered include forensic anthropology, hair, teeth and bit marks, blood splatter, DNA analysis, fingerprinting, chemical analysis, fibre testing and chromatography.

Interior Design

We are constantly altering our internal environments to better respond to our needs. In this unit students explore interior design and how it is an extension of personality and a statement about who we are. A focus on room accessories and furnishings is explored and skills in renovating existing furnishings are developed. By examining methods and styles of contemporary furnishings, students can identify a variety of approaches to interior design. Project work involves students designing and producing a functional/decorative item that suits the interior space of the user.

Materials - Design & Technology

The Year 9 course aims to extend upon the skills and knowledge acquired in Year 8. A range of processes are covered and there is an opportunity for more specialised work with a range of different materials. Emphasis will be placed on aspects of investigation, designing, producing and evaluating to facilitate understanding of the materials being used. Students are expected to continue to demonstrate safe and responsible work practices. Importance is placed on the correct use of tools and care in craftsmanship. Models will be completed in resin, metal and wood. At least two pieces of work are to be completed.

Media Studies

Students are introduced to the relationship between audience, and story and production elements (e.g.: camera angles, lighting, sound etc.) when planning and analysing a media product. They work individually and in groups to produce a folio of media products that communicate an idea, intention and/or genre. They develop their use of appropriate media language through their exploration, research and response to a current media issue. Students complete an in-depth analysis of a film as their major written task.

Music

Students will explore different styles of Music through listening and performing works from historical and contemporary music genres. A study of each style will include an in-depth examination of musical elements and social influences. The students will work in groups to create a performance. Students are encouraged to perform for live audiences and will investigate the workings and origins of a contemporary band instrument whilst developing instrumental skills.

Recreational Sport

The Year 9 Recreational Sport course will introduce students to sporting and recreational facilities within school and the local community. The aim is to encourage an increase in active participation outside of school hours. The recreational component of this elective aims to establish a wide understanding of the importance of recreational activities in maintaining a healthy lifestyle.

Rock Through History

This is to be a history based unit studying the history of popular music from the mid-1950s to the present time. The emphasis will be on trying to get an overview of the development of popular music, when new styles of music developed and became popular and who the major artists were.

There will be a lot of scope for student choice, and an emphasis on using available technology. Students will be encouraged to research various stars, groups and genres of music and present their findings using a variety of formats. There will be quizzes, discussions, and a lot of playing of music, hopefully in a light-hearted, fun, but still educational fashion.

STEM in Sport

The Year 9 STEM in Sport elective will introduce students to the Science, Technology, Engineering and Maths behind sport and physical activity. Using technology such as Heart Rate monitors and GPS tracking systems, students will analyse sporting performances and will apply biomechanics and sport science principles in a number of sporting context. Students will participate in both theoretical and practical classes to establish their understanding in this subject.

This subject will assist in the preparation of students who wish to study VCE Physical Education. It will also enhance their interest and knowledge in the subject and can be applied to their own personal health, wellbeing and sporting pursuits.

Textiles - Fibre and Fabrics (Technology)

The aim of this course is to increase the students' interests and skills in relation to construction in a recreational craft. Students will develop an awareness of pattern making for three-dimensional objects in fabric. Each student will have the opportunity to learn additional skills and ways of expression through the use of various textile mediums. Students will develop skills in hand stitching and using a sewing machine. They will compare styles and fabrics to create soft sculptures, toys and/or functional fabric items. An emphasis is placed on the development of consumer skills in the selection, purchase, use and maintenance of textile products. Students will explore textile weaving and Tye dyeing.

Visual Communication Design

This course involves the development of design drawing techniques including freehand drawing, instrumental drawing and rendering. Students use various media and experiment with design elements and principles in completing work following the Design Process. The course includes an introduction to design software package Adobe Creative Suite (including Photoshop, Illustrator and InDesign). Assessment tasks include creative sketching and drawing, design tasks working to a Client Brief, three-dimensional drawing and writing about design and designers.

Design & Technology (Wood)

Year 9 Woodwork students gain skills in constructing common joinery for timber. Students will test materials and use hand tools and processes to create an article of furniture. Students work through the product design process and gain skills in researching for a design brief and production of working drawings and dimensions to create their own design. Every student will be expected to gain experience in furniture construction methods and present a small project. Correct use and maintenance of tools will be emphasized and students will continue to develop safe and responsible work practices.

Elective Charges & Fees

Charges for Elective Subjects

Charges apply to all Community Connection elective options and general elective options at Years 7-9.

Elective groups are also indicated on the charge sheet below. Students cannot select more than 3 units from any one group of the general electives, with French and Indonesian both counting as two units.

Year 7	
General Levy for materials and resources for Visual Art, Performing Arts, Digital Technologies & Material Technology	\$140

Year 8	
General Levy for materials and resources for Visual Art, Performing Arts, Digital Technologies & Material Technology	\$140

Elective	Group	Cost
Art	Art	\$55
Astronomy & Earth Science	Other	\$55
Ceramics	Art	\$55
Digital Technologies	Technology	\$50
Disasters and Dastardly Deeds	Other	\$50
Drama	Art	\$50
Drones, Droids and Directing	Technology	\$80
Food for Sport (Technology)	Technology	\$60
Food: Café Culture (Technology)	Technology	\$60
Food Studies (Technology)	Technology	\$60
Forensic Science	Other	\$60
French – Semester 1	Other	\$40
French – Semester 2	Other	\$40
Indonesian – Semester 1	Other	\$40

Indonesian – Semester 2	Other	\$40
Interior Design	Technology	\$50
Mandarin – Semester 1	Other	\$40
Mandarin – Semester 2	Other	\$40
Materials - Design and Technology	Technology	\$60
Media Studies	Art	\$50
Music	Art	\$50
Recreational Sport	Other	\$90
Rock Through History	Other	\$50
STEM in Sport	Other	\$90
Textiles – Fibre and Fabrics	Technology	\$50
Visual Communication Design	Art	\$50
Wood - Design and Technology	Technology	\$80
Community Connections Program (Semester 1)		\$70
Community Connections Program (Semester 2)		\$70

Music	
Instrumental Music (Per Term)	\$280
Group Music Ensemble (Per Term)	\$100

Voluntary Contributions	\$350
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Please note: Charges may be adjusted for 2021/2022 following review by School Council.