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Subject Selection Handbook

Year 9

**Every Child Matters,
Every Day In Everything We Do**



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PRINCIPAL'S MESSAGE

Congratulations on your choice of Southern River College for your secondary education. Southern River College is a vibrant school community that is meeting the needs of its students through dynamic programs, pathways and partnerships. We hope your association with the school is pleasant and rewarding. This booklet outlines the academic courses available to students entering Year 7 to Year 10. The aim in selecting your program is to provide a 'taste' of subjects that fit your needs and interests and, in subsequent years, are in which you will ultimately specialise. Southern River College seeks to create opportunities for all students as they progress through our educational pathways.

Along with a general education program, our Educational Pathways programs include Academic Enrichment, Vocational Education Programs and STEM Education Programs. We support our student's cultural and sporting pursuits through our Inspire programs in Music, Soccer and Netball. We recognise that not all students learn at the same levels and provide support programs via our Teaching and Learning Centre (TLC), Literacy and Numeracy Development Classes and Autism Extension Program (AEP). The college prides itself in the delivery of quality teaching and learning programs. Our students, in particular, have the opportunity to vary pathways tailored to meet the needs of the individual.

The college targets the studies of Minerals and Energy through its Academic, Technology and Trades Pathways. In conjunction, students can undertake studies in our Inspire Programs of Netball, Soccer and Music.

At Southern River College, we want to invest in our student's future by being open to their diversity and aspirations. We achieve this by creating enduring partnerships connecting industry and education using exemplary practice. We recognise that we are part of a global world and apply real-world modelling in our classrooms and teaching practice. We want our students to excel and promote academic excellence and vocational aspirations for our students. We are committed to being a Positive Behaviour School. This involves understanding social responsibility and applying our values. We give students, parents and staff a sense of belonging to a school community with clear goals and expectations. We want our students to be confident and active citizens. Southern River College's RIVER Relationships, Identity, Virtues, Excellence, and Respect core values are the foundations which are promoted across the College.

As part of our planning for successful students, we create opportunities for our students by recognising and developing potential through academic, cultural and sporting excellence and developing pathways for learning that meet the needs of the individual. We invest in our student's diversity and aspirations by fostering understanding, empathy, cooperation and harmony within a culturally diverse school and by creating learning environments that are supportive and caring. We aim for enduring partnerships connecting industry and education using exemplary practice. We achieve this through collaboration with our greater community inviting them to be part of classrooms and the school community. We connect to the global world, applying real-world modelling by developing students' and staff's capacity to confidently meet the challenges of changing technologies and international societies and building students' ability to adapt to change and embrace innovation. Our college promotes academic excellence and vocational aspirations for our students by challenging every student to achieve their full potential and capabilities. We want our students to be confident and active citizens. We accomplish this by encouraging participation, contribution and collaboration throughout the college activities and our classrooms. We are committed to inspiring our students. We achieve this by promoting creativity, innovation, teamwork and leadership in our students and staff and by providing inspiring learning environments and quality teaching building aptitude.

This booklet will assist you in making good decisions about the courses at our school. Our vision is to make a difference while supporting our students in a positive learning environment. We want our students to develop the knowledge, skills, values and confidence to achieve their potential as individuals and as participants in a changing society. We encourage our students to be the best they can be and pride ourselves on delivering first class curriculum and pastoral care. Our focus is on making real opportunities for students to excel as they find their way from primary to secondary to their career aspirations and the global world.

I hope you and your child enjoy being part of our school community. We pride ourselves on inspiring young people to be the best they can be. If you want more information, please ring the college directly or visit our website

www.southernrivercollege.wa.edu.au.

Sharon Harry (Principal)



SPECIALISED AUTISM LEARNING PROGRAM (SALP)

The Specialised Autism Learning Program (SALP) is one of four programs in WA set up and supported by the Department of Education's Centre for Inclusive Schooling. The other three programs are at Ashdale Secondary College, Ocean Reef High School and South Fremantle Senior High School. The program caters to students in Years 7-12 with a diagnosis of High- Functioning Autism.

The program focuses on achieving positive academic, social and emotional outcomes for each student to maximise access to further education, training and employment success. Due to their disability, many students with Autism Spectrum Disorder find the secondary school environment confusing and challenging to navigate. Research has demonstrated that these students often drop out without sufficient support.

At Southern River College, a team of autism specialist teachers and education assistants support the students enrolled in the program. The students also have access to a Home Room, where they can organise themselves for the school day, unwind to reduce anxiety when/if needed, complete schoolwork during agreed study periods, and use it as a safe place at unstructured times such as recess and lunch.

Each student has an Individual Education Plan, established in collaboration with the parents, school staff and other relevant stakeholders. This plan is reviewed regularly to ensure that the student's needs are met, and academic, social and other individual outcomes are achieved.

Integral to the Specialised Autism Learning Program is the Social Cognition Curriculum, delivered during timetabled periods for all students daily. The curriculum includes one-on-one or small group sessions in which the students gain knowledge, skills and understanding of topics such as "social thinking," "friendships," "expected and unexpected behaviours," recognising their anxiety levels and other individuals' identified needs.

SALP staff can offer support for students through:

- in and out of the class organisation
- structured time for homework assistance
- scaffolding for subject learning area tasks
- adapting tasks or assessment items
- advocating autism specific needs

Another role of the program is to raise awareness about Autism Spectrum Disorders within the school community. The program and its students have positively contributed to Southern River College's inclusive education beliefs, where students' differences are accepted, and individual talents are appreciated and developed.

Enrolment Process

The selection of students to enter the program is monitored and determined by the Centre of Inclusive Schooling for the Department of Education.

The process of selection is completed in four stages:

1. Parents/Guardians of the student are required to complete an expression of interest form available at the College.
2. Parents/Guardians of the students are required to complete a specific questionnaire about their child and a subsequent interview with the College.
3. The SALP Program Manager visits the student's primary school to undertake an observational visit and obtains written feedback about the student.
4. The information collated by the College is then presented to an independent panel that determines whether the applicant has met the criteria and whether the program is suitable for the student's needs. If so, is then offered a place in the program.

The College supports all applications and is present when the panel convenes; however, it is the panel's determination that decides whether a student enters the program or not. Although parents may wish to enrol their students in Southern River College's program, this decision is determined by the panel that has a holistic overview of the needs of each student in each of the four units spread throughout the metropolitan area.



THE TEACHING LEARNING CENTRE (TLC)

Southern River College's Learning Centre (TLC) offers a range of individual learning and personal development strategies for students who require additional assistance with their Maths, English, Science and Humanities studies. The Centre is only available for students in Years 7 to 9 by interview and testing. Our TLC Program is a selected group of students who need greater literacy and numeracy support through their middle years. The classes are aligned to the Australian Curriculum and provide students with individual learning programs based on their particular levels of learning and engagement.

Students are supported in English, Maths, Humanities and the Sciences. Our dedicated and experienced TLC teachers provide small group and one-to-one teaching within a nurturing environment. Collaboration with teachers, adjustments to assessment and support with behaviour management are just some of the methodologies in providing an education plan that encourages the student to reach their personal best. The TLC offers students with literacy and numeracy support. The literacy program focuses on the decoding process of reading by enhancing the students' phonic awareness, oral reading skills in small groups and self-generated writing to suit individual needs. For those students identified as needing support for mathematics, the TLC provides an opportunity for small group sessions that concentrate on the fundamentals of numeracy.

During secondary school, students identified with learning support needs work with teacher aides who help to clarify concepts, provide organisational support and assist with research skills and assignment work. Southern River College aims to offer all students the opportunity to fully participate in their education. Some do require a higher level of support, whether this is for learning assistance or higher learning. TLC staff work closely with the student and their parents to identify strengths, specific needs and areas of concern and develop a program that encourages learning and maximises ability.

The TLC program promotes a learning culture where students are enthused and equipped to succeed. The program focuses on developing students' skills to make safe and sensible decisions for themselves at school, home and in the community. Below is an outline of the current TLC program, Years 7 to 10. As a Positive Behaviour Support school, the philosophies of Tribes and the Virtues Programs are practised in these classes enabling students to develop themselves in the supported learning environment.

Southern River College is proud and passionate about TLC and its students. Staff collaborate respectfully and know they are making a difference. TLC staff enjoy the challenge of striving for excellence.

[English, Maths, Science, and Humanities](#)

Students will study 4 × 60 minute sessions per week.

Enrolment Conditions:

TLC provides an integrated educational program for students from the local intake area. Entrance into the unit is case by case as determined by a panel chaired by the School Psychologist. It includes the TLC Teacher-in-Charge and the Deputy Principal Teaching and Learning (representing the Principal). Each student and their placement within the TLC are reviewed every year as well as at any identified point of need.

PLEASE NOTE:

Local intake: unfortunately, due to current student numbers, The Learning Centre can only offer places to in-boundary students. If you are unsure if you are within the boundary for Southern River College, go directly to Schools Online through the Department of Education.

TLC PROGRAM

TLC – (Years 7, 8, 9 and 10)

Our Year 7, 8, 9 and 10 programs have a solid academic focus where students work in small groups to study the core curriculum areas of English, Mathematics, Science and Society and Environment. If an individual student has strength in a particular core learning area, there is the option of studying this subject in a mainstream class. Student timetables are tailored to each student. All TLC students attend mainstream elective courses and study these subjects with their peers. Please refer to the wide range of topics on offer within this handbook for available mainstream subjects. To ensure students have the opportunity to develop skills to achieve an independent and prosperous life after school, students access various services and activities out in the community.



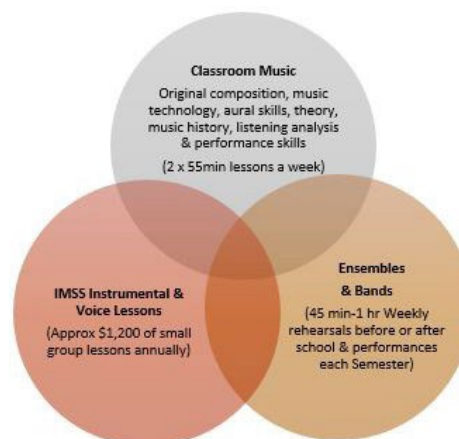
Being situated in a mainstream high school, students can take part in all school events offered to students. TLC staff support students' involvement in the whole school and year group activities such as Year 7 & 8 Camp, Sports Carnivals, Assemblies, Incursions, and Excursions. TLC offers courses geared to industry needs and work choices, which prepares students for Post School Options, including entry into further study, access to the workforce and transitioning to an independent and prosperous life after school. Otherwise, for additional information about The Learning Centre, please call the college at (08) 9495 3200 or email SouthernRiverCollege@education.wa.edu.au.

INSPIRE PROGRAMS

INSPIRE MUSIC

The Inspire Music program offers students from years 7 to 10 a range of opportunities to develop their musical skills and focus. In conjunction with 'Instrumental Music School Services (IMSS)', Southern River College focuses on a contemporary approach to music instrumentally and through a voice program. This course aims to provide talented students with a stimulating music program designed to enrich their skills as musicians.

With a focus on contemporary musical styles, Southern River College's classroom music program provides a balanced approach to learning music through listening analysis, aural skills attainment, music reading/theory, original composition (including songwriting) and music performance. Students selected for the IMSS Program will gain small group tuition with one of our instrumental music teachers whilst participating in a challenging, graduated classroom music program from years 7 to 10. Geared towards a hands-on, experiential learning style, the classroom program allows students to gain practical skills on guitar, keyboard and music technologies. To this end, all music students are encouraged to purchase their MacBook laptops. This increasing emphasis on music technologies includes working with cloud-based music software and recording and mixing programs such as 'Garage Band' and Logic Audio.



These three areas of study support learning skills and understanding concepts in the other two. Because they are linked so strongly to each other, music students need access to and the opportunity to participate in all three areas.

IMSS Instrumental/Vocal Program and Ensemble/Band Program: Further Information.

Instrumental music lessons are provided free of charge by the School of Instrumental Music (SIM) at Southern River College to students selected for the program or who are continuing studies from Year 6*. These lessons are available in:



- Contemporary Voice
- Contemporary Guitar (Electric and acoustic)
- Electric Bass
- Classical Guitar
- Drums/Percussion
- Woodwind (Flute, Clarinet & Saxophone)
- Brass (Trumpet and Trombone)

In addition to these lessons, students are required to join an appropriate Ensemble or Choir (usually a 45 minute – 1-hour rehearsal outside of school time per week) to fulfil the ensemble requirement of the course.

Various performance extension opportunities are provided annually through workshops, music tours, school concerts and music festivals.

*** Please note that very few students are selected to BEGIN School of Instrumental Music lessons in years 9, and 10 as the usual entry points are year 6 in primary school and years 7 and 8 in high school. Exceptional circumstances will, however, be considered, and students transferring from similar high school programs will be given automatic inclusion.**

INSPIRE NETBALL

The Inspire Netball program is excellent for aspiring netballers looking to improve their game skills and knowledge. The program has been developed in conjunction with Southern Districts Netball Association and offers those in the program the opportunity to play both school and club based netball. The program is run by teachers who have expertise in netball. As a result, students learn various skills essential to the game (playing multiple positions, managerial roles, coaching and umpiring). The program allows players to expand their skills and knowledge of the game in a realistic environment within the school and skill sessions after school. The course enables players to chart their improvement and progress and develop the necessary sporting skills for Year 11 and 12 courses of study (ATAR Physical Education Studies, General Physical Education Studies and Certificate II in Sports Coaching). The program also makes links with state and national netball bodies. Any player wishing to improve their netball game would benefit from this course.

Pathways to the Future

- Year 8 Level 1 Coaching and Umpiring Year 9 Rules and Regulations (Year 9) Year 10 Foundations of Coaching Course
- General Physical Education Studies Year 11 General Physical Education Studies Year 12 ATAR Physical Education Studies Year 11 ATAR Physical Education Studies Year 12 Certificate II Sports Coaching Year 11/12
- Senior School Ability to coach and manage teams (Year 10, 11 and 12).

INSPIRE SOCCER

The Soccer Inspire Program aims to develop each student's practical skills and technique, improve their fitness (particularly components such as speed, strength and agility), increase their knowledge of and passion for The World Game, raise their confidence and support their capacity to work effectively in a team. We encourage students to have high aspirations and demand that they meet great expectations in all areas within the Soccer Program and their academic and behavioural achievement around the College.



In our highly disciplined coaching sessions, all students' physical capabilities will improve, as will their self-esteem and capacity for reaching their full potential. Emphasis is placed on leadership, civic responsibility and personifying good sportsmanship at all times.

Each week, students participate in two coaching sessions instead of standard Physical Education classes and have the option to participate in one optional after-school indoor soccer session each week. From years 7 to 10, students will learn to play, coach and referee soccer and be expected to practice their experience and knowledge regularly. Involvement in the Soccer Program in lower school streams into many pathways in senior school, including ATAR and General Physical Education and Health Studies courses and a Certificate II in Sport Coaching for those wishing to continue their sporting endeavours at TAFE or University.

Value Adding

- Opportunity to play and coach soccer at an advanced level through engagement with the National Football (Soccer) Curriculum as prescribed by Football Federation Australia (FFA)
- Learn the rules and regulations of soccer through an approved FFA refereeing course
- Link with local, State and National industry bodies
- Engagement with the Western Australian Curriculum in Health and Physical Education
- Compete in local and regional competitions and tournaments
- Serve as a role model within the school and in the broader school community

Pathways to the Future

- Year 11/12 Certificate II Sports Coaching
- Year 11/12 ATAR Physical Education and Health Studies courses
- Year 11/12 GENERAL Physical Education and Health Studies courses

INSPIRE VOLLEYBALL

The INSPIRE Volleyball program is designed for young athletes who want to develop their volleyball-related skills and knowledge and general fitness, well-being, and teamwork abilities. The program will provide a pathway for students to compete at various levels, including regional, state, national, and senior (adults) leagues, by training with a teacher with extensive coaching experience. Additionally, students will have a chance to experience and pursue other roles such as coach, referee, and manager, which can lead to paid employment opportunities with Volleyball WA for further experience.

Southern River College will be supported by state-level clubs and be given access to their programs, workshops, and other events to allow students to gain professional experience in various roles. Additionally, the College is working with high schools in the South-East metro area to organise events that every applicant should look forward to.

Athletes will be given opportunities to train before school, during timetabled classes, and after school to allow them to develop their skills as much as possible and are provided with pathways into senior school courses such as Physical Education Studies (ATAR and General pathways) and Sports Coaching Certificates (VET pathway).

Pathways to the Future

- Level 1 Coaching and Referee courses (Nationally accredited)
- General Physical Education Studies Year 11 General Physical Education Studies Year 12 ATAR Physical Education Studies Year 11 ATAR Physical Education Studies Year 12 Certificate II Sports Coaching Year 11/12
- Senior School Ability to coach and manage teams (Year 10, 11 and 12).



INSPIRE ACADEMIC

The Southern River College Inspire Academic Program provides an enriched learning environment to extend and challenge each individual to achieve their full potential. The Academic Program aims to challenge students with enhanced learning opportunities through extension and acceleration, encouraging high levels of thinking through a stimulating learning environment. Students are engaged in explicit and inquiry based learning in which they use innovative ideas and problem solving skills to reflect critically on their learning.

Students participating in the program enjoy the benefits of being taught by experienced and enthusiastic teachers who utilise research based practices to meet the individual needs of our students. In addition, they benefit from the advantages of associating and competing with other capable and highly motivated students. The program incorporates a wide range of practical activities, complex problem-solving, task projects, excursions, fieldwork, individual and group research and presentations that build on the traits needed to excel.

Topics of study are carefully chosen to maximise the student's educational opportunities and best prepare them for the Senior School and university courses that are likely to be encountered in the future. The students are also encouraged to participate in various state and national extracurricular activities and petitions.

To ensure that all participants in the program have access to the best learning opportunities, a maximum of 32 placements are made at the entrance level (Year 7) each year. Continuation in the program is conditional upon the student maintaining high academic performance and exemplary behaviour. The selection of participants is conducted during Year 6 and is based on the individual's aptitude and ability as indicated by standardised testing and information provided by primary schools.

Entry Into The Program

Students are tested in Year 6 after an application is received or via recommendation of their primary school. Local intake and out of area students are encouraged to apply but will only be offered places if spaces are available. Students in Years 7 to 9 must apply via interview if they are new to the school.

CLUBS FOCUS

Research suggests a direct correlation between participation in extracurricular activities, such as clubs and good educational outcomes. Students can participate in various extracurricular activities at school — from sport, music and drama to personal development and community service programs. A whole range of benefits come from involvement in these programs.

In addition to building skills within a specific discipline, extracurricular activities are great for developing general academic and soft skills. Think debating for public speaking, academic competitions for exam strategies and sports for teamwork. Balancing several commitments can help to improve children's time management skills while finding an area they enjoy or excel at can boost self-confidence.

While students usually have the opportunity to pursue a wide range of study areas through core subjects and electives, extracurricular club activities allow students to explore an interest in more depth than what is covered in class — or maybe even find a completely new interest that they wouldn't have been exposed to otherwise. They can also provide an excellent chance for students to broaden their perspective of the world, particularly those involved in volunteering and community service programs.

According to research in the USA, "Students who compete in high school extracurricular programs have better educational outcomes, including higher grades, higher achievement test scores, and higher educational expectations beyond high school."

Please note that if your child selects a club to participate in, the club will be run during one period on the school day, followed by extracurricular time before, during recess or lunch, and after school. Guardians will be informed of the extracurricular timetable starting the 2023 academic year.



STEM

STEM is an acronym for “Science, Technology, Engineering and Mathematics.”

What is STEM?

- Action learning programs (learning by project management & entrepreneurship)
- Involving girls and boys to prepare for potential future careers
- Authentic projects involving students in everyday problems and discovering workable solutions
- Projects designed to stimulate interest and enquiry
- Promotes student engagement with industry, academic and community role models
- It is complex, challenging and integrated to promote critical, creative and computational thinking to achieve problem solving in the highest order

STEM Pathways at Southern River College

Listed below are two of the specific STEM Pathways at Southern River College. There are many other Arts and Technology subjects which incorporate the STEM ethos. Subjects for Years 11 & 12 are in the Senior School Subject Handbook.

YEAR 9 SUBJECT INFORMATION

Subject	Number of Hours
English	4 hours per week for the year
Mathematics	4 hours per week for the year
Science	4 hours per week for the year
Humanities and Social Science	4 hours per week for the year
Health Education	1 hour per week for the year if a club is selected. 2 hours per week for the year if a club is selected and not in an intervention program
Physical Education	2 hour per week for the year Inspire Netball / Soccer / Volleyball in this time
Total Compulsory Subjects	20 periods a week
The Arts Technologies	Each course 2 hour per week per semester Total 6 hours per week



NOTE:

Compulsory courses in Year 9 are year-long, while Arts and Technologies change each semester. All course costs are given as a guide only. These are based on the 2022 pricing structures and are subject to change in 2023.

List of Proposed Additional Costs/Excursions – A list will be available for all subjects from 1 December the year preceding studies.

Student Owned Laptop Program (SOL) and eLearning:

eLearning is essential to teaching and learning experiences in the 21st-century classroom. Digital platforms are used for teaching, learning and assessment across subject areas. Curriculum-aligned lessons enable a personalised learning experience with immediate feedback catering to each student’s needs.

The use of digital platforms as a means of developing literacy skills is critical to NAPLAN and Online learning. We strongly recommend to parents our Student Owned Laptop program (SOL) to support their child’s education.

LEARNING AREA - THE ARTS

Performing Arts

YEAR		PERFORMANCE PATHWAY
YEAR 7	Year 7 Drama	Year 7 General Music/Audio Program Year 7 Inspire Music Program
YEAR 8	Year 8 Drama	Year 8 General Music/Audio Program Year 8 Inspire Music Program
YEAR 9	Year 9 Drama - Drama - Devising Drama	Year 9 Inspire Music Program Year 9 Classroom Music
YEAR 10	Year 10 Drama - Advanced Drama - Devising Drama	Year 10 Inspire Music Program

Drama

Drama provides students with a base for presenting themselves in adult life. It is a context in which they can learn to plan their thoughts, ready to give them and speak publicly. Students practice working as part of a team and individually. They continue to develop personal skills, knowledge and understanding that can be transferred to various careers and situations. In the Year 9 Drama course, students learn and extend their skills in voice and movement and devised theatre practices. Students also participate in theatre workshops and use their skills to stage a performance for a live audience. This performance includes the development of design skills for costume and staging. Throughout the semester, there will also be opportunities to view theatre productions.



Importantly the course is excellent in extending personal expression and enhancing creativity, confidence and self-esteem.

The cost of this course in 2022 was \$26 for the semester.

Devising Drama

Drama provides students with a base for presenting themselves in adult life. It is a context in which they can learn to plan their thoughts, ready to give them and speak publicly. Students practice working as part of a team and individually. They continue to develop personal skills, knowledge and understanding that can be transferred to various careers and situations. In the Year 9 Drama course, students learn and extend their vocal, non-verbal and improvisation skills. Students also participate in a professional Commedia dell 'Arte workshop and devise a whole class performance using their new skills. This devised performance includes the development of design skills for costume and set. Throughout this semester, there will also be opportunities to view theatre productions. Importantly the course is excellent in extending personal expression and enhancing creativity, confidence, and self-esteem.

The cost of this course in 2022 was \$26 for the semester.

SRC Drama & Performance Club

Working towards showcasing SRC talent and creating workable performances.

Performances for lunch time performances and mental health awareness campaigns such as: anti-bullying. Performance and drama skills will be taught and reinforced with industry skills and speakers and exposure to drama scripts and other school performances. There will be a need and a want to perform in front of an audience to select this club.

The cost of this course in 2023 is to be confirmed

NOTE: The nature of Dance courses requires a commitment to extra-curricular rehearsal and performance schedules. These times and dates will be published in advance.

Inspire Music

Students have high participation in ensembles in order to prepare for more regular performances throughout the school year. Using the skills gained from instrumental lessons and ensembles, students have more autonomy when creating original compositions. Students will have the opportunity to record original ideas using specific ICT skills to present and perform to peers, staff and parents.

The cost of this course in 2022 was \$100 for the year.

Classroom Music

Students use composition techniques, applying stylistic features and conventions to compose works in more than one style. They examine similarities and differences between musical works, identify cultural, historical and stylistic features and listen to a variety of musical works, using scores and music terminology, to create influenced original music using specific ICT skills. Students will also be given opportunities to perform their ideas in front of peers, teachers and parents.

The cost of this course in 2022 was \$26 for the semester.



Visual Arts - Design

VISUAL ARTS AND DESIGN PATHWAY		
YEAR 7	Year 7 Visual Arts	Year 7 Media
YEAR 8	Year 8 Visual Arts	Year 8 Media
YEAR 9	Year 9 Visual Arts	Year 9 Media
YEAR 10	Year 10 Advanced Visual Arts Year 10 Visual Arts	Year 10 Advanced Media Year 10 Media

Visual Arts

Students will use visual art language and artistic conventions of greater complexity during their design and production process. They will document their ideas and apply an understanding of compositional structure while creating their artworks. Students will explore the technique of soft pastel drawing and mixed methods involving collage, watercolour painting and dripping.

They will learn to critically analyse the works of Urban artists and a contemporary Australian artist and use appropriate visual art language, art terminology and conventions. They will apply the knowledge gained in the techniques used by other artists to produce their own work. They will learn how to select and apply elements and principles and artistic conventions to arrive at visual solutions.

The cost of this course in 2022 was \$26 for the semester.

Media

Students extend and refine their skills as they explore Australian and International media work. Focusing on Media, Fiction students will work across different media types such as video games and film production. Students will develop skills in the following areas: problem-solving, teamwork, creating and following timelines, as well as processes and strategies to ensure safe and responsible use of media equipment.

The cost of this course in 2022 was \$27 for the semester.

SRC Media & Communication Club

Working towards capturing our school events in creative detail such as: assemblies, music performances, after school showcases and classroom achievements and marketing our school and students. Students will spend more time honing their production skills and camera work. They will spend time using Adobe Photoshop and Premiere Pro to create, edit and manipulate productions. During all of this, students will have cinema and viewing in the PAC with discussion and analysis of film. Students may wish to concentrate on a particular form of media to develop such as podcasting with the hope of creating a podcasting studio.

The cost of this course in 2022 was \$27 for the semester.



Digital Arts - Design

Design Technologies - Graphic Design (now Digital Art Design)	
Pathway Name Year	Digital Art Design
Year 7	Digital Art Basics
Year 8	Fun in Digital Art
Year 9 Semester 1	Exploring Digital Art
Year 9 Semester 2	
Year 10	Digital Art Design

Design Technologies – Exploring Digital Art (Semester 1 or 2)

Exploring Digital Art students will plan and create creative digital designs using the graphics tablet along with the pen tool. Students will design artwork concepts following a design brief demonstrating their artistic ability in a series of challenging task concepts. Students will develop their understanding of the elements and principles of design throughout their design process.

The cost of this course in 2022 was \$26.

LEARNING AREA - English

Students learn about the English language and how to use it effectively. The study of English plays a vital role in the development of literacy, enhances students' learning in all areas of the curriculum and provides them with the communication skills and critical understanding of language necessary for active participation in society. All students will study the Australian Curriculum English Course. The Academic Extension classes explore a wider range of more difficult texts. Creativity, critical thinking, Grammar and English skills of communication are the basis of all courses. Wide reading is encouraged through all courses to improve literacy. There is an explicit focus on Reading and Writing skills in Year 9 prior to NAPLAN testing. Students are encouraged to aspire to a Band 7 or above in NAPLAN, as achieving this means that they are achieving the literacy standard equivalent to the national standard.

English

Students will develop their language skills by communicating with a variety of audiences in a range of face-to-face and online/virtual environments. They will engage with texts and situations that are familiar and some that are less familiar and challenging. Year 9 students will begin to look at how texts shape their and other people's experience of the world and how they can support a variety of points of view, beliefs and opinions. Year 9 English students will study a number of themes such as social issues, climate change and current affairs.



Students will engage with a variety of texts and begin to develop analysis skills. They will interpret, create, evaluate, discuss and produce a wide range of texts in which the primary purpose is persuasive and interpretive, as well as texts designed to inform and persuade. These will include various types of media texts, including film and digital texts, fiction, non-fiction, dramatic performances, and multimodal texts, with themes and issues involving levels of abstraction, higher order reasoning and intertextual references. Students will develop reading and writing skills that will support their progression of comprehension and interpretive skills. Students will create a range of imaginative, analytical and persuasive types of texts including narratives, essays, speeches and presentations.

Students will study language, literature, and literacy in Year 9 in four term units. Possible organizing principles will include the study of a novel and/or a play and exploring advertising techniques.

Within these units, students' literacy skills should improve as grammar, spelling and punctuation are integrated in all units. Accuracy in these areas will help students to convey ideas clearly and meaningfully. In addition, students will be encouraged to think decisively, imaginatively and critically during lessons.

The cost of this course in 2022 was \$26.

Inspire English

Inspire students will engage with critical and evaluative thinking skills in order to create solutions to real world issues. The emphasis for Inspire in English is critical and interpretive thinking, empathy and understanding our place as change makers in the world.

Students will take the thinking, interpreting and presenting skills that they have learned in English and use these to prepare, and present, their solutions to the United Nations Sustainable Development Goals.

The cost of this course in 2022 was \$26.

English (EALD – English as an Additional Language/Dialect)

The English as an Additional Language and Dialect course recognizes the challenges associated with tackling the general English curriculum if English is not your primary mode of communication, or is an additional language to you and your family.

In EALD English students are expected to read, write, speak and think using the English language in order to strengthen their ability and confidence in using the English language in everyday communication.

Students will be guided through the expectations of language and nuances of culture that impact upon the use of everyday and academic English. Tasks will be written, spoken and reading in nature. This course also allows students to focus on developing their vocabulary, syntax and grammar skills.

The cost of this course in 2022 was \$26.



English - Build

English Build classes are designed to address individual student needs relating to literacy in reading, writing, and speaking. Individual testing of students provides teachers with a guide as to what skills and knowledge students need to learn in order to improve their abilities in communication across a variety of modes. A key element of the Build classes is a focus on student achievement of OLNA, an essential requirement for students to attain their WACER certificate before graduation.

The cost of this course in 2022 was \$26

LEARNING AREA – HEALTH AND PHYSICAL EDUCATION

Year 9 Physical Education and Health Education are compulsory courses. In Physical Education, students are taught a range of physical skills, which form the basis of the major games played in our community. Students will also be expected to develop their complexity and perform with increased speed, control and accuracy in a range of sports through a working knowledge of rules, strategies and tactics in each activity and to be able to work cooperatively and responsibly with other students. Health Education's focus is on creating an individual who shows respect for self and others whilst able to demonstrate skills and strategies to resolve and manage conflict within a range of contexts.

Health Education

Year 9 provides students with the opportunity to broaden their knowledge of the factors that shape their personal identity and the health and wellbeing of others. They continue to develop their ability to make informed decisions, which shape their behaviours and hopefully achieve a healthy lifestyle. The main areas we target are harm minimisation, lifestyle diseases, personal sexuality, first aid and fitness.

The cost of this course in 2022 was \$10.

Physical Education

Year 9 focuses on elements of speed and accuracy in different sporting activities while continuing to develop the experiment with more complex movement skills. They begin to evaluate their own and others' performances through simple feedback and understanding of basic biomechanical principles. Should be able to transfer movement patterns across a range of sports and begin to refine skills, strategies and tactics to maximise success. Sports in focus may include Softball, Tennis, Cricket, Basketball, Floorball, Athletics and Ultimate Frisbee.

The cost of this course in 2022 was \$10.



Outdoor Education

Year 9 Outdoor Education is an introductory course. Designed to develop the fundamental skills required to survive and operate safely in the outdoors. It will challenge them in areas of navigation, leadership, minimal impact techniques and modes of transport. Suited to the student who has a passion for adventure and care of the environment.

Students will have the opportunity to:

- Survival Swimming
- Team Building
- Camp Craft
- Navigation
- Basic Roping Skills

The cost of this course in 2022 was \$125 compulsory charge for the year

Inspire Netball

Year 9 Inspire Netball program is designed to develop aspiring netballers looking to improve their consistency and accuracy in skills and knowledge of the game. Students will learn to improve their fitness and experiment in all playing positions during matches. Students will be expected to demonstrate their coaching and umpiring abilities as part of their assessment during the year.

The cost of this course in 2022 was \$170.

Inspire Soccer

Year 9 Inspire Soccer program is focused on expanding the student's skill repertoire and techniques and working in competitive environments that apply their tactical knowledge. Students are clearly expected to become leaders who show initiative in training and in competitive games.

The cost of this course in 2022 was \$170.

Inspire Volleyball

The Year 9 Inspire Volleyball Program aims to have students be able to play at a competent level with a focus on accuracy and power. Students will be invited to play at a state-wide level and be familiar with advanced formations, including an understanding of each position and a mastery in at least one position. Furthermore, students will learn how to referee a game and be given the opportunity to do so in competitions. Upon successful completion of the course, they will attain a nationally accredited refereeing status which allows them to apply for official refereeing positions within Volleyball WA.

The cost of this course in 2022 was \$170.

Basketball

Year 9 Basketball program is focused on expanding the student's skill repertoire and techniques and working in competitive environments that apply their tactical knowledge. Students are clearly expected to become leaders who show initiative in training and in competitive games.

The cost of this course in 2023 is to be confirmed



Physical Recreation

Physical Recreation aims to expose students to a range of different activities. Students will develop physical sport and recreation skills, knowledge and understanding of health and fitness concepts, and the capacity to work constructively with others. The course supports initiatives to develop student's awareness of health and wellbeing, and the value of exercise.

Students will have the opportunity to:

- Ten Pin Bowling and Bocce
- Pot Black and Table Tennis
- Fitness and Spike Ball/Crossnet
- Lawn Bowls and Carpet Bowls

The cost of this course in 2023 is to be confirmed

Outdoor Recreation

Outdoor Recreation aims to understand our relationships with others, the environment and ourselves. The program will suit students who appreciate the natural environment, enjoy the outdoors, have a good work ethic, work with others in a team environment and enjoy challenging situations.

Students will have the opportunity to:

- Outdoor fitness
- Team building
- Basic navigation
- Introductory bush cooking and craft
- Basic roping techniques

The cost of this course in 2023 is to be confirmed

Sport Science

This course can help students to prepare for Year 11 Physical Education Studies.

- Sport Performance – analysing and improving performance, health, and participation in sport and exercise.
- Human Movement – holistic understanding of human movement, particularly in sport and physical activity.
- Sport Coaching – coaching knowledge and skills in community-based coaching, talent identification and athlete-coach development.

The cost of this course in 2023 is to be confirmed



LEARNING AREA – HUMANITIES and SOCIAL SCIENCE

In Year 9 Humanities and Social Sciences students study four disciplines, focusing on one each term;

- Civics and Citizenship
- Economics and Business
- Geography
- History

HaSS

In Civics and Citizenship students examine the role of key players in the political system, the way citizens' decisions are shaped during an election campaign and how a government is formed. Students investigate how Australia's court system works in support of a democratic and just society.

In Economics and Business, students examine the connections between consumers, businesses and government, both within Australia and with other countries, through the flow of goods, services and resources in a global economy. The roles and responsibilities of the participants in the changing Australian and global workplace are other topics that will be explored.

In Geography, students develop their understanding of the world's biomes and explore what techniques humans use to change biomes to increase food production. Students explore how food scarcity occurs and develop predictions about future food security. Students investigate how people, through their choices and actions, are connected to places.

In History students develop their historical skills within the context of the making of the modern world from 1750 to 1918. They consider how new ideas and technological developments contributed to change in this period. The students complete a depth study into World War I and examine the factors that led to the war, the Gallipoli campaign, the Western Front and the effect of the war on the home front.

The cost of this course in 2022 was \$26.



Inspire HaSS

Students meeting the selection criteria will be offered extension activities in Humanities and Social Sciences in a dedicated Academic Extension class with a focus on higher order thinking skills and the innovative use of information and communications technology. Students' skills and study routines are developed in preparation for ATAR subjects in Year 11. Students are given the opportunity to participate in a range of national competitions and additional learning opportunities throughout the year.

The cost of this course in 2022 was \$26.

HaSS – (EALD – English as an Additional Language/Dialect)

Students who enter the College with a background of English as an Additional Language or Dialect (EALD) are given additional literacy support in the EALD pathway. Teachers use strategies to improve students subjects specific terminology and general English capabilities.

The cost of this course in 2022 was \$26.

HaSS Build

Students who are identified with gaps in their understanding or who have traditionally struggled to engage with the curriculum are offered a place in the Build class. Build classes allow teachers to cater the learning to the needs of individual students by modifying the curriculum to suit their interests and capabilities. Students are encouraged to build communication, understanding and technological literacy to enable them to engage in further study and prepare them for the workforce.

The cost of this course in 2022 was \$26.



LEARNING AREA - MATHEMATICS

Mathematics

Students will use ideas about number, algebra, measurement, geometry, statistics and probability and mathematical ways of representing patterns and relationships, to describe, interpret and reason about their social and physical world. Mathematics plays a key role in the development of students' numeracy and assists learning across the curriculum.

Year 9 students will be placed into streamed classes based upon their Year 8 results. Even with the streaming, the majority of students will study a common course throughout the first semester of Year 9. Students in pathway 3 will work at slower pace to improve their mastery. Further pathway division will occur in Semester 2 but teaching at Pathways 1 and 2 will follow a common core with some extension and added depth. Students in Pathways 2 and 3 who make very strong progress will have the opportunity to attempt Pathway 1 in Year 10.

Pathway Descriptions

- Pathway 1 is the course that best prepares students for the study of Mathematics Methods and Mathematics Applications in Years 11 and 12
- Pathway 2 provides a solid grounding in the essentials of Algebra and Number, Measurement and Geometry and Statistics and Probability, for students who wish to study Mathematics Applications in Year 11 and 12.
- Pathway 3 is slower paced than Pathway 2 but still covers a lot of the rudiments of the higher pathway. This Pathway emphasises real-life applications and will also prepare students for OLNA (if necessary). Most students in this pathway study the General Course, Mathematics Essentials, beyond Year 10.

Pathway 2 - Mathematics

In year 9. Students will study:

- **understanding** includes describing the relationship between graphs and equations, simplifying a range of algebraic expressions, and explaining the use of relative frequencies to estimate probabilities and of the trigonometric ratios for right-angle triangles
- **fluency** includes applying the index laws to expressions with integer indices, expressing numbers in scientific notation, listing outcomes for experiments, developing familiarity with calculations involving the Cartesian plane and calculating areas of shapes and surface areas of prisms
- **problem-solving** includes formulating and modelling practical situations involving surface areas and volumes of right prisms, applying ratio and scale factors to similar figures, solving problems involving right-angle trigonometry and collecting data from secondary sources to investigate an issue
- **reasoning** includes following mathematical arguments, evaluating media reports, and using statistical knowledge to clarify situations, developing strategies in investigating similarity and sketching linear graphs.

The cost of this course in 2022 was \$26.



Pathway 1 - Inspire Mathematics

Inspire Mathematics classes will complete all the coursework as well as engaging in extension work. Students will study problem solving strategies, which will be introduced and explained in class by their teacher. The strategies will be developed conceptually throughout lower school

The cost of this course in 2022 was \$26.

Pathway 2 – Mathematics – (EALD – English as an Additional Language/Dialect)

These students will develop as closely to the Aspire content as possible, with a greater focus on the development of the associated literacy components within the mathematics curricula so that their command of the English language may be improved. It will be necessary to ensure that information can be extracted from text, vocabulary used appropriately, and sentence structure can be applied in writing explanations whether it be required in class for the development of course content or showing how much has been learnt in an assessment.

The cost of this course in 2022 was \$26.

Pathway 3 - Mathematics - Build

These could be the students continuing on from year 8 Dev and Build classes or may be some students from the Aspire or EALD classes from year 8, who have begun to show that more success in mathematics may be achieved in another pathway. The program of work offered in year 9 will continue from the successes gained in year 8, and also keep an eye on the work required for NAPLAN in year 9 which is all the aspects mentioned above along with being able to make decisions about finance, reading timetables/scales and interpreting graphs representing data from current world issues. More development of number patterns with the use of Algebra will also need to feature together with being able to describe the patterns seen. Algebraic expressions and rules will need to feature a little more to bring a greater chance of achieving success in NAPLAN, that numeracy level required at graduation. All previously learned aspects need to be revised before May of the current year of study as that is the time for the NAPLAN assessment.

The cost of this course in 2022 was \$26.



LEARNING AREA - SCIENCE

Students investigate, understand, and describe the physical, biological, and technological world and value the systems and processes that support life on our planet. Science helps students to become critical thinkers who use evidence to construct conclusions. The West Australian Science Curriculum provides opportunities for students to develop an understanding of important Science concepts and processes, the practices used to develop Science knowledge, Science's contribution to our culture and society, and its application to our lives. The curriculum supports students to develop the scientific knowledge, understandings, and skills to make informed decisions about local, national, and global issues and to participate if they so wish, in science related careers.

Science

Chemical Sciences

In this topic students will learn about atoms, acids and bases, chemical reactions, chemical formulae, and chemical equations.

Biological Sciences

In this topic students will learn about the relationships between organisms and their environment, the effects of human activity on organisms and the environment, and the co-ordination of plant and animal body systems.

Earth and Space Sciences

In this topic students will learn about the formation and structure of the Earth, plate tectonics and their effects including volcanoes and earthquakes.

Physical Sciences

In this topic students will learn about the properties of different forms of energy including light, sound, and electricity and how we can use these forms of energy to improve the quality of our lives.

The cost of this course in 2022 was \$26.

Inspire Science

The needs of academically talented students are specifically catered for through the College's Academic INSPIRE program. Students are provided with a variety of learning experiences that will extend students and develop their skills and competencies, while also being challenging, motivating, and linked to the real world.

INSPIRE academic students will be explicitly taught examination techniques and valuable study skills to assist them in studying further Science in Years 11 and 12. Students will extend their understanding of concepts, such as investigating alpha, beta, and gamma radiation and how energy can transfer through different mediums. Students will predict the products of common chemical reactions and will investigate the consequences of changes to an ecosystem in regard to flow of energy and matter.

The cost of this course in 2022 was \$26.



Science – (EALD – English as an Additional Language/Dialect)

The needs of students with English as an additional language or dialect are specifically catered for in the College's EALD program. Students will benefit from a greater emphasis on scientific terminology and vocabulary to assist them in progressing their understanding. Students will also be provided with explicit teaching of writing structures to assist students to better communicate their scientific understanding.

The cost of this course in 2022 was \$26.

Science - Build

The needs of students who have experienced challenge and difficulty in progressing at the Year level standard are specifically catered for through the College's BUILD program. This course is designed to engage students not considering upper school science courses other than Integrated Science. Students in this course will experience a greater emphasis on practical understanding and connection to the real world, and gaps in student knowledge from previous years will be interrogated and focussed upon by our dedicated teaching staff.

The cost of this course in 2022 was \$26.



LEARNING AREA - TECHNOLOGIES

In Technologies you have a range of STEM subjects to choose from which will prepare you for the range of subjects offered in Year 10 as well as providing you with lifelong transferable skills for your future. All these courses will help you to develop the 21st Century Skills critical for future study and work. You can choose to do more than one subject in either the areas – Digital or Design Technologies. These subjects all offer a range of practical activities using a design process along with the necessary theory to support your learning.

Digital Technologies

Digital Technologies		
Pathway Name		
Year	Creative Technologies	Cyber Technologies
Year 7	Year 7 Digital Technologies	
Year 8	Year 8 Digital Technologies	
Year 9 Sem 1	Creative Game Design	Cyber Security
Year 9 Sem 2	Creative Minecraft Coding	Cyber Challenges
Year 10	Creative Technologies	Cyber Technologies

Digital Technologies – Creative Game Design (Semester 1)

Everyone plays video games! In this class you will learn all about games and use a design process to create games. Students will learn about video game genres, character creation and gameplay. Students will also continue to develop the knowledge of computer systems and data. Using game development software students will create simple engaging games.

The cost of this course in 2022 was \$26.

Digital Technologies – Creative Minecraft Coding (Semester 2)

Creative Minecraft Coding allows students to use a design process and their developing coding skills to create in Minecraft. This subject will help students to develop a range 21st Century skills like collaboration, problem solving and innovation to solve problems in the Minecraft simulated world. Students will also continue to develop the knowledge of computer systems and data.

The cost of this course in 2022 was \$26.

Design Technologies – Cyber Security (Semester 1)

Cyber Security is one of the biggest growing industries. In this subject, students will develop their understanding of current social issues in cyber technology and all of the different careers within it. Students will also continue to develop the knowledge of computer systems and data along with beginning to develop their knowledge in cybersecurity by completing task and challenges set by the Australian Signals Directorate (ASD) CyberEXP program.

The cost of this course in 2022 was \$26.



Digital Technologies – Cyber Challenges (Semester 2)

Cyber Challenges will allow students to develop skills and knowledge which will help them to develop applications or use devices to solve engaging puzzles. Students will also continue to develop the knowledge of computer systems and data. Students will need to use a range of 21st Century skills like critical thinking and problem solving to successfully complete these challenges.

The cost of this course in 2022 was \$26.

Robotics Club (Semester 1 or 2)

Are you interested in creating robots to meet challenges? Would you like to create a robot in a team to compete against other schools? This is the club for you. As a team you will develop a range of 21st Century skills to follow a process to build a robot to enter in First Robotics Competition. For more information on the competition have a look at their website: <https://firstaustralia.org/programs/first-robotics-competition/>.

The cost of this course in 2022 was \$X.



Design Technologies – Home Economics

Design Technologies – Home Economics Pathway Name					
Year	Hospitality	Cultural Food	Child Care	Body Works	Creative Textiles
Year 7	Fun with Food				Textiles Basics
Year 8	Creative Food				Fun in Textiles
Year 9 Sem 1	Fast Lane Food	Cultural Food – Asian	Baby Basics	Body Works Begins!	Future in Textiles
Year 9 Sem 2	Future Food	Cultural Food – European	Child's Play & Learning		
Year 10	Hospitality	Cultural Food	Working with Children	Body Works	Creative Textiles

Design Technologies – Fast Lane Food (Semester 1)

Fast food without the tag of being unhealthy. Discover new and innovative ways to prepare, present and enjoy foods that tickle your tastebuds but take little time and effort to prepare. No more waiting for the delivery or the trip to pick up food - you will be able to prepare nutritious and ingenious treats and meals in record time. Join the Fast Lane Food class for your instructions and lessons on terrific, tasty treats in record time.

The cost of this course in 2022 was \$80.

Design Technologies – Future Food (Semester 2)

Be Future Food ready by enjoying and wrapping yourself in this new, innovative, exciting course. Prepare yourself with new knowledge of trends, technology and preparation skills for creating food. Be part of a new invigorating, creative class to learn further information, skills and future thinking for your food.

The cost of this course in 2022 was \$80.

Design Technologies – Cultural Food – Asian (Semester 1)

In Cultural Food – Asian, students take a culinary journey through Asia. We will explore countries such as Thailand, Vietnam and India, where you will investigate traditional and modern recipes and the spices that make these dishes so authentic. You will have the opportunity to learn how these cuisines have been influenced by religion, terrain, and historical events. We will look at how these have impacted Australian eating habits.

The cost of this course in 2022 was \$80.



Design Technologies – Cultural Food – European (Semester 2)

In Cultural Food – European, students will explore European cuisines and investigate their impact on Australian eating habits. We will tour the United Kingdom and prepare both traditional and modern dishes before setting off to Western Europe to sample some of what countries like Italy, Germany and France have to offer. You can design dishes plates using traditional ingredients and give them a Modern-Australian twist.

The cost of this course in 2022 was \$80.

Flavour Club (Semester 1 or 2)

Do you see yourself as a future chef? Do you love cooking and experimenting with flavours to design your recipes? This club is for students interested in exploring various cooking techniques to put together unique, flavoured food. You will work in teams to create recipes and final dishes to compete in and submit entries into the McCormick Flavour Forecast Recipe Challenge – for more details, look at their website:

https://heia.com.au/?page_id=6965.

The cost of this course in 2023 is to be confirmed

Technologies – Baby Basics (Semester 1)

Join Baby Basics and learn about pregnancy, birth and baby care. In this class, students will make a nursery item, egg carrier, and baby food and care for an electronic simulated baby. Students will also have the opportunity to make an item for a premature baby to donate to KEMHW, e.g. crochet a baby's beanie.

The cost of this course in 2022 was \$30.

Design Technologies – Child's Play and Learning (Semester 2)

Child's Play and Learning students will learn how the various types of play items support the development of children support children's development. Play is an essential part of child development! Students will design and make toys/ activities and plan and manage an event for parents and their children.

The cost of this course in 2022 was \$30.

Design Technologies – Body Works Begins! (Semester 1 or 2)

Welcome to Body Works Begins! A course that is all about you, where you will have the opportunity to explore your identity and self-image. Students will look at personal qualities, personal development, self-esteem, and beauty products. Over the semester, you will work independently and collaboratively to analyse your perception of yourself and your relationships with others to maximise your mental and physical health.

The cost of this course in 2022 was \$30.



Design Technologies – Future in Textiles (Semester 1 or 2)

Discover new fabrics and various ways to enjoy the construction of textiles to produce exciting items such as simple garments and accessories. Learn how cotton plants can become your next shirt, skirt, curtain or cushion cover. Will we have cellulose clothing in the future? What is the impact of textile and clothing waste on the environment? This course offers students the opportunity to develop a wide range of practical skills in sewing using a design process to produce a range of creative projects. Students will use a sewing machine and their creative and innovative skills to decorate with creative hand sewing and embellishments.

The cost of this course in 2022 was \$40.

Fashion Club (Semester 1 or 2)

Do you like to be creative and design clothes? In this club, you will do clothing designs which you will then create into garments, increasing your practical skills. You will develop your design and clothing fabrication skills to create items of clothing to enter in one of the following competitions:

Wool4School Competition - <https://www.wool4school.com/about-competition/>

Apex Australian Teenage Fashion Awards - <https://www.aatfa.org.au/the-categories>

The cost of this course in 2023 is to be confirmed



Design Technologies – Materials and Fabrication

Year	Designing Wood	Designing Metal	Mechatronics
Year 7	Designing in Materials		Robotics
Year 8	Creative Materials		Electronics
Year 9 Sem 1	Designing Outdoor Creations	Metal in Motion	Mechatronics
Year 9 Sem 2	Designing Carpentry	Technical Metal	
Year 10	Designing Wood	Designing Metal	Creative Engineering

Design Technologies – Designing Outdoor Creations (Semester 1)

Designing Outdoor Creations students will develop the range of knowledge, skills and techniques required for following a design process to create various outdoor items made from different types of wood and possibly other materials. Students will be introduced to various hand and power tools and equipment to develop their practical skills in creating wood products.

The cost of this course in 2022 was \$50.

Design Technologies – Designing Carpentry (Semester 2)

Designing Carpentry students continue to build on their skills using tools and equipment to construct wood items. Students will use a design process to learn how to make complex joins and use a wide range of wood types to create and finish their projects. Hand tools, power tools and machines will be used and applied to construct increasingly complex tasks. The cost of this course in 2022 was \$120.

The cost of this course in 2022 was \$50.

Design Technologies – Metal in Motion (Semester 1)

Are you into go-karts, dirt trikes and scooters? Metals in Motion will teach you the design process, skills and knowledge you will need to build your creation. You will learn MIG welding, metal fabrication, basic machining and CAD modelling. And there's more.... you will also explore electric motor and engine drives that could be applied to your Metal in Motion project.

The cost of this course in 2022 was \$50.



Design Technologies – Technical Metal (Semester 2)

Technical Metal introduces you to MIG, Stick and TIG welding. You will also explore Plasma cutting and profiling, useful helpful in creating your creative designs. The course also introduces you to oxy acetylene cutting and welding, design and fabrication skills which are helpful in your future hobbies or career.

The cost of this course in 2022 was \$50.

Design Technologies – Mechatronics (Semester 1 or 2)

What is Mechatronics – it's mechanical engineering, which is a multiple STEM industry! Mechatronics allows students to develop their engineering and electronics theory and skills. Students will develop and refine their assembly and hand skills, allowing them to design and produce several fun and creative kit-based projects.

The cost of this course in 2022 was \$55.