



MELVILLE
SENIOR HIGH SCHOOL

YEAR 7
2023 SUBJECT
HANDBOOK



Melville Senior High School
acknowledges the Noongar people
as the Traditional Owners of the land
on which the school stands today
and pays its respects to the Whadjuk
people, and Elders past, present
and emerging

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Resilient **Innovative** Successful

WELCOME

Congratulations on your choice of Melville SHS for your secondary education. We believe, because of the size of the school (approximately 1450 students) and the numerous varied programs on offer (Aviation, Academic Extension, Graphic Design Media, Music, Languages and Netball to name a few), that we provide a warm, caring learning environment that is rich in culture, challenge and diversity.

We hope that your association with the school is a pleasant and rewarding one. This booklet outlines the Curriculum courses available to students entering Year 7. The program aims to give you a wide range of opportunities in the future with subjects that fit your needs and/or interests and in which you will ultimately specialise.

Melville SHS operates on a five session day, with each session lasting one hour. The middle school curriculum follows the Australian Curriculum and Western Australian Curriculum and Assessment Outline.

The Western Australian Department of Education requires that the breadth of course is covered by all students in Years 7 and 8. They must complete one Performing Arts, one Visual Arts, one Digital Technologies and one Design and Technologies class in both Years 7 and 8.

Hours for each course in a week are as follows:

Hours	Course	Details	Specialist/Programs#
4	English		GAT* or AEC**
4	HASS		GAT or AEC
4	Science		GAT or AEC
4	Mathematics		GAT or AEC
1	Chinese or Italian	CHOOSE one	
2	Physical Education		or Netball
2	Health Education		
The Arts:			
2	Visual Arts	eg. Media, Graphic Design, Visual Art	or Graphic Design Media
	Performing Arts	eg. Dance, Drama, Media Performance, Music Appreciation	or Music in Focus
Technologies:			
2	Design & Technologies	eg. Materials Design, Materials Engineering, Food Awareness, Textiles Essentials	or Aviation
	Digital Technology	eg. Digital Engineering, Digital Game Design	

Selection into programs is based on testing and/or interviews, conducted during the first half of Year 6. Placement in a Specialist program is for a four year duration i.e. Years 7 to 10.

*Gifted and Talented program – Centrally selected

**Academic Extension Course - School based academic extension classes

Please be aware that though course costs are listed, these charges may vary due to unforeseen changes in curriculum delivery.

GIFTED&TALENTED

Selective Academic Program

Melville Senior High School is one of the fourteen public secondary metropolitan schools to have a Gifted and Talented Selective Entrance Academic Program. A key feature of the Gifted and Talented program at Melville Senior High School is the extension, enrichment and extracurricular activities offered.

Students will receive academic rigour through extended learning and enrichment opportunities in Maths, English, Science and the Humanities learning areas. The Gifted and Talented Program does not skip foundational curriculum content, but instead attains this content at a student-guided pace, while matching the complexity and depth with the readiness and motivation of the class. In the classroom, Gifted and Talented students receive more appropriate work to match their skills and abilities, this includes extension in investigations, cross-curricular concepts, critical thinking and using information to create and explore relationships. In addition, the Gifted and Talented Program uses enrichment activities and opportunities in conjunction with Maths, English, Science and Humanities subject content to provide new experiences for students. This is evident in exclusive participation in excursions, engagement in outreach workshops/programs with universities, team-building camps and engagement in state and national competitions. Our experienced Gifted and Talented teachers and coordinator, as well as other school staff, help to support students in their social and emotional development as young adolescents and provide them with the best opportunities in their academic journey.

Selection into the program is based on the results of the Academic Selective Entrance Test (ASET), taken in Year 6 through a central selection process. Testing for the program is also available in Years 9, 10 and 11. For more information on the program and testing dates, please click [HERE](#).

ACADEMIC EXTENSION COURSE

School Based Program

The Melville SHS Academic Extension Course provides students with a differentiated curriculum where students' needs are catered for by acknowledging various learning styles and rates of learning. Students are involved in developing higher-order thinking strategies, problem-solving skills, creative and divergent thinking and are encouraged to take more responsibility for their own learning. Competitions, workshops, excursions and rich tasks based on a thematic approach are undertaken throughout the year.

How is the course structured?

The AEC program is designed so that students are given every opportunity to optimise their areas of talent, therefore in Year 7 the program is divided into two areas according to results in Year 7:

1. Humanities (English & Social Sciences)
2. Maths & Science

How are students identified?

Similar to the Department of Education's Policy for Identification of Students who are Gifted, a range of strategies are used to identify students for AEC:

- Completion of a maths & creativity test
- Past school grades and NAPLAN test results
- Aptitude test
- Ongoing inclusion in AEC requires high academic achievement

The aim of the identification program is to include rather than exclude. Students are selected through a school run process and it is expected that students have a strong level of commitment to the program in terms of participation, attitude and achievement.

AVIATION

Approved Specialist Program

AVIATION

YEAR COST: \$104.00

Course information: Semester 1

The Semester 1 course is based on space travel, transport in space, rocket design and function. An introduction to the basic aerodynamics of flight is also covered which is amalgamated with flight lessons in the school's flight simulator. This course is two hours per week over the year. Program covers areas such as:

- Space Race
- Man's Journey into Space
- Hazards of Space Travel
- Living in a space station
- Flight lessons using the flight simulator
- Basic aerodynamics
- Earth in space
- V Space aircraft
- Rockets

Semester 2

- Future of space travel
- Unusual planes
- Breaking records in flight
- Unmanned flight
- Accidents in space
- Rocket design
- Future flight
- Supersonic flight
- Robots in space
- Flight lessons using the flight simulator



GRAPHIC DESIGN MEDIA

Approved Specialist Program

GRAPHIC DESIGN MEDIA

YEAR COST: \$130.00

Year 7 forms the first year of this specialist program. It establishes the basic parameters of the program including the design process, design tools and both manual and digital skills in interactive, spatial and time-based media. The structure of the course assumes continuity in that students will consolidate and build on their skills from year to year.

Core Curriculum (Two hours per week in class)

The program delivers learning from the Visual Arts and Media Arts Curricula with cross-curricular enrichment from Science, Mathematics, Technologies and English. The program runs sequentially from Year 7 to Year 10, focusing on Project Based Learning. The main projects will typically be term-based assignments which are split up into segments that develop different aspects of a student's skills and knowledge while strengthening their understanding of the design process. Projects may include animation, film production, 3D design, fashion and textile design, game design, print media production and much more.

Co-curriculum

At the heart of the program are the professional masterclass workshops. These enable our students to work with both industry and university professionals in the areas of Design, Media and Technology and showcase the career pathways available to students interested in these creative industries.

After Hours

In the same way that other specialist programs have out-of-school hours components to their courses it is expected that GDM students spend time out of class practicing skills and/or extending classwork. It is suggested that 1 hour for every hour of class time be set aside as a nominal benchmark per week. This will include activities such as:

- Sketching and drawing from life
- Scrapbooking and collecting
- Completing software tutorials (usually online)
- Creating photo journals
- Collecting reference materials and imagery for projects at school

Entry Requirements/Pre-requisites

As a certified Specialist Program, GDM recruits students state-wide. They are selected based on academic testing, creativity and portfolio interviews. Students may exhibit a wide range of different types of projects in their portfolios, though the emphasis is on students who can work independently and who have demonstrated sustained commitment and technical quality in their work.

* Please note that very few students are selected to begin GDM once the academic year has commenced. Special circumstances and transferees from other schools will, however, be considered and, space permitting, be accepted into the program or placed on a wait list.

Support

The GDM program at Melville SHS is supported by a dynamic parent support group that contribute to the richness of the program through direct assistance and fundraising activities.

NETBALL

Approved Specialist Program

NETBALL APPROVED SPECIALIST PROGRAM

YEAR COST: \$150.00

What are the qualities and elements of the program that make it special?

Melville SHS provides students with two hours per week all year round. The majority of the sessions are on the court learning new skills, strategies and improving both individual and team skills. There are opportunities to cooperate in a team environment through the use of communication activities both on the court and in the classroom. The students are provided with opportunities to develop a deeper understanding of the game, explore the link between nutrition and performance and develop their umpiring and coaching abilities as part of the theory side of the program.

Levels are according to the outcomes in Physical Education: skills for physical activity, self-management skills, interpersonal skills and knowledge and understanding.

How does the program provide rigour and challenge, the pursuit of excellence, individual learning and problem solving to meet the needs and interests of my child?

The program is developed with input from Netball WA and is designed to add to the experience and skills that have been developed in the individual through their club participation and training. Students will follow individual programs and will be able to chart their improvement and progress as they go through the course. Students will become flexible in the positions in which they can play, and will also be provided with opportunities for development in positions in which they may specialise. Students will learn to manage, coach and umpire throughout the program, and will be expected to put their experience and knowledge into practice when participating with their club. There will be a practical component to the course where the students will be expected to demonstrate their management, coaching and umpiring abilities as part of their assessment.

What are the anticipated student outcomes and achievement at various levels, eg local, state and national levels of recognition?

Outcomes anticipated are as follows:

Year 7	Rules of the game Foundation Netball Skills
Year 8	Introduction to Umpiring Nutrition for Performance
Year 9	Netball Australia Foundation Umpiring Umpiring primary school tournaments
Year 10	Netball Australia Foundation Coaching course Phys. Ed. Studies Course introduction Ability to coach, manage and umpire games (Years 10-12)
Year 11 & 12	Ability to organise all aspects of a netball carnival (Year 11/12) Phys. Ed. Studies / Sport Coaching Certificate – netball specific course (Year 11/12) Edith Cowan University Short Course – Introduction to sport science.

**Note: Students who wish to join the Specialist Netball program in Year 7 are involved in performance trials when in Year 6, in May/June of Semester 1 and again (if needed) in Semester 2.*

MUSIC IN FOCUS

School Based Program

MUSIC IN FOCUS

YEAR COST: \$100.00
plus ensemble & instrumental lesson costs

The class curriculum covers topics such as an overview of musical elements, style and genre; an overview of music instruments; and in-class band performance and rehearsal for all students.

Co-curriculum

Instrumental Music School Services (IMSS) provide lessons free of charge at Melville SHS to students selected for the MiF Program or who are continuing lessons from Primary School. Lessons are available in Voice, Classical Guitar, Electric Guitar, Bass Guitar, Percussion, Brass, Saxophone, Clarinet and Flute.

Please note that very few students are selected to begin IMSS instrumental lessons in Year 7. Special circumstances and transferees from similar high/primary school programs may be given the opportunity to audition assuming that places are still available.

As a part of their classroom studies students will continue their lessons with IMSS's instrumental teachers. This part of the students' program provides opportunities for the extension and practical application of learning.

It is also a condition of enrolment in the Music in Focus Program that all students join the Vocal Ensemble for one hour per week. They are also required to join either our Intermediate Concert Band or our Classical Guitar Ensemble which rehearse once a week before or after school to fulfil the ensemble requirement of the course.

Extra-curriculum

Music in Focus students are also given many exciting opportunities to enrich and extend learning through participation in camps, tours, workshops and a variety of public performance opportunities.

After Hours

It is expected that MiF students spend time out of class practicing skills and/or extending classwork. In addition to regular instrumental practice, it is suggested that students set aside one hour for every hour of class time as a nominal benchmark per week. This will include activities such as:

- Instrumental practice
- Ensemble repertoire
- Set works study/other homework

The following ensembles and bands have after-hours rehearsal commitments:

- Classical Guitar Ensemble (Years 7-12)
- Swing Band (Invitation only)
- Intermediate Concert Band (Years 6-10)
- Senior Concert Band (Years 10-12)
- Junior Vocal Ensemble (Year 7s)
- Melville VOX (Vocal Ensemble - Voice Students)

Entry Requirements/Pre-requisites

Completion of Academic and Specialist testing followed by an audition and interview with the Music Teacher in Charge for selected applicants.

Support

The Music in Focus Program is underpinned by a dynamic parent support group that contribute to the richness of the program through direct assistance, participation in extra-curricular activities and fundraising activities.

ARTS

In the Arts learning area students develop creative skills, critical appreciation and knowledge of artistic techniques and technologies in dance, drama, media, music, visual arts and combinations of art forms. The Arts develop students' sense of personal and cultural identity and equip them for lifelong involvement in, and appreciation of the Arts.

The Arts provide young people with authentic learning experiences that engage their minds, hearts, and bodies, providing learning experiences anchored in real and meaningful contexts. The Arts regularly engages multiple skills and abilities and, whether in Visual Arts or Performing Arts, nurtures the development of cognitive, social, and personal competencies.

The Arts curriculum is divided into two distinct but related contexts:

- Performing Arts (PA) – in which students learn in Dance, Drama or Music contexts
- Visual Arts (VA) – in which students learn in Media Arts, Visual Arts or Design contexts

The table below reflects the multitude of Arts courses on offer in the Visual and Performing Arts. It represents the progression through various Arts courses into Senior School. Whilst an advantage, Senior School courses do not require previous experience in Middle School. However, a 'C' grade or higher in English is recommended for all classes.

In Years 7 and 8 students must undertake studies in at least one Performing Arts and one Visual Arts course each year. In Years 9 and 10 students select based upon their personal interest and

Contexts	Performing Arts					Visual Arts				
					SPECIALIST Select Entry Year long					SPECIALIST Select Entry Year long
Years 7-8 Semester Courses	Drama	Dance	Perf. Arts Prod.	Music App.	Music in Focus	Visual Art 1	Visual Art 2	Media Arts	Design	Graphic Design Media
Year 9 Semester Courses	Drama	Dance	Perf. Arts Prod.	Music App.	Music in Focus	Visual Art 1	Visual Art 2	Media Arts	Design	Graphic Design Media
Year 10 Year long Courses	Dance	Drama		Music App.	Music in Focus	Visual Art 1	Visual Art 2	Media Arts	Design	Graphic Design Media
Years 11/12 Courses of Study	Drama - ATAR Cert II Live Production Cert II Dance			Music - ATAR Cert III Music Industry		Design - Graphics - ATAR Media Production & Analysis - ATAR Visual Art - ATAR Design - Graphics - General Media Production & Analysis - General Visual Art + embedded Cert. II in Visual Arts Cert. III in Screen Media				

aspiration.

Performing Arts

DRAMA (LIVE PERFORMANCE)

SEMESTER COST: \$20.00

This introductory course gives students opportunities to explore basic skills, techniques and processes involved in various aspects of Drama. Students are introduced to various elements of narrative, voice, movement, performance and staging through practical exercises in a creative and safe environment. Students also explore scripts and device performance in the genres of mime and improvisation that will be performed in class, at showcases, performing arts festivals or in other parts of the school's performance program.

DANCE

SEMESTER COST \$20.00

This introductory course gives students opportunities to explore basic skills, techniques and processes involved in various aspects of Dance. Students are introduced to various elements of technique, choreography and progression through practical exercises in a creative and safe environment. Students also learn choreography from genres such as contemporary, jazz or hip hop that will be performed in class, at showcases, performing arts festivals or in other parts of the school's performance program.

PERFORMING ARTS PRODUCTION

SEMESTER COST \$20.00

In this course, students will explore and learn about technical elements of live production, including sound, lighting, staging, production roles, and event management in the performing arts. This course offers an introduction to the creative industries for students and can lead to Certificate II & III Arts courses in senior school.

MUSIC APPRECIATION

SEMESTER COST \$20.00

This introductory course teaches students basic musical concepts and techniques and improves students' general musicianship. They will participate in activities that develop their understanding of musical elements, style and genre, musical instruments and performance. Students are also introduced to practical skills and processes involved in performing, recording and producing music. They learn to compose and create music using a wide variety of available technologies as well as traditional musical instruments. This introductory course teaches students basic musical concepts and techniques and improves students' general musicianship. They will participate in activities that develop their understanding of musical elements, style and genre, musical instruments and performance.



Visual Arts

VISUAL ART 1 (EXPLORATIONS)

SEMESTER COST \$50.00

With a focus on investigations this course introduces students to the elements and principles of Visual Art. Students complete short activities that investigate a variety of art techniques and media. This develops students' skills and techniques in areas including drawing, painting, ceramics and print media. It also develops their ability to use art language as they investigate and respond to artworks with a critical eye.

MEDIA ARTS

SEMESTER COST \$20.00

This course introduces students to some of the basic ideas, concepts and skills in the broad discipline that is the study of Media Arts. Students view, analyse and respond to examples of different media works and in doing so learn the language and terminology of Media. In addition, students work independently and/or collaboratively to create their own media works that may include audiovisual media work, static or print media work, interactive media work, or animated media work. They are also introduced to using current media production technologies and industry-standard software.

DESIGN (GRAPHICS & PHOTOGRAPHY)

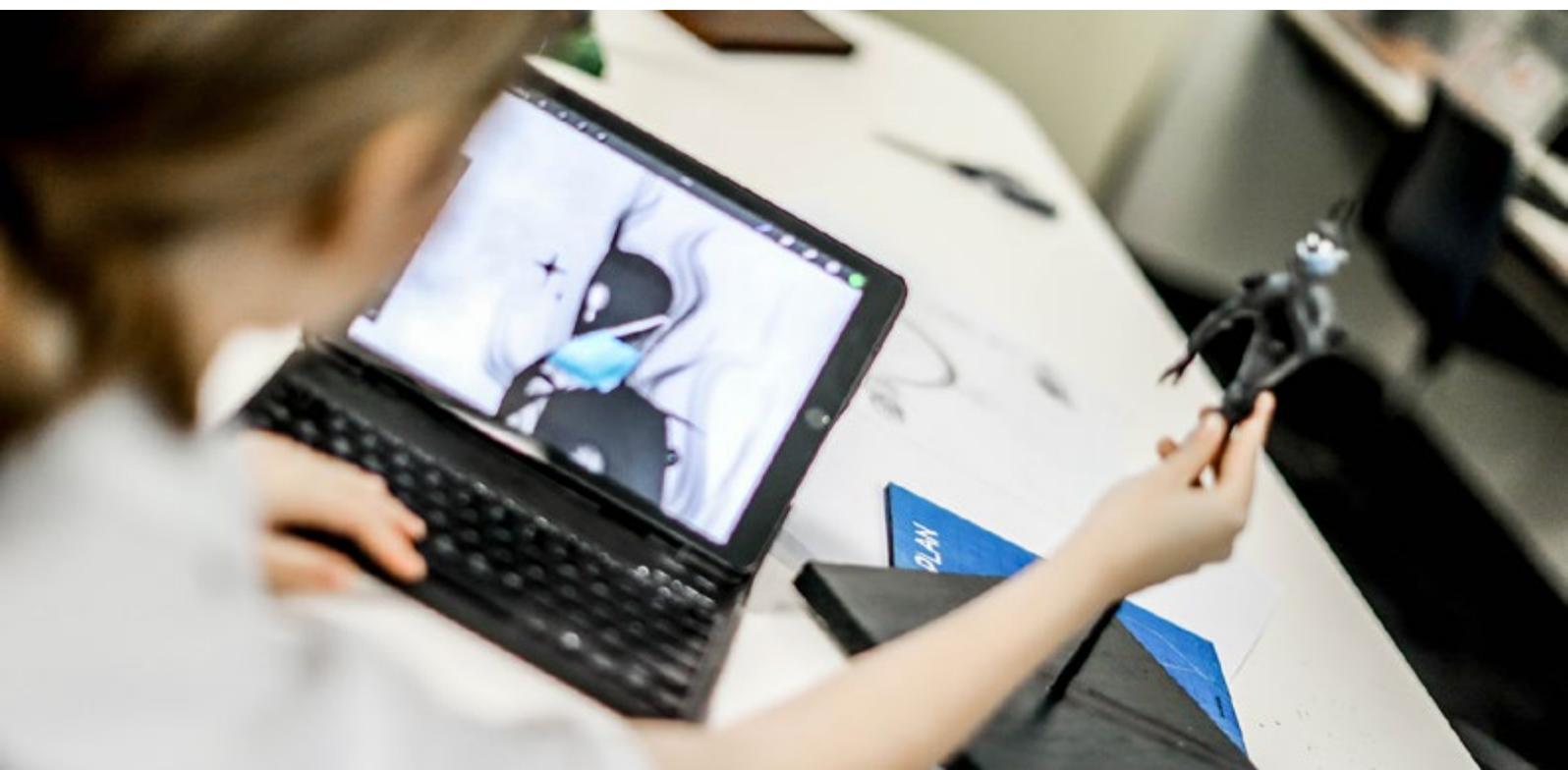
SEMESTER COST \$20.00

This course introduces students to some of the basic ideas, concepts and skills in the broad disciplines that are Graphics and Photography. Students view, deconstruct and respond to different examples of the two disciplines and in doing so learn essential language and terminology. They also learn to communicate their ideas to an intended audience. Students do this using a variety of printmaking and photographic techniques to develop their skills in design, illustration, photography, and industry-standard software.

VISUAL ART 2 (INSPIRATION)

SEMESTER COST \$50.00

With a focus on *Explorations*, this course introduces students to the elements and principles of Visual Art. Students complete short activities that explore a variety of art techniques and media. This develops students' skills and techniques in areas including drawing, painting, ceramics and print media. It also develops their ability to use art language as they explore and respond to artworks with a critical eye.



ENGLISH

ENGLISH
ENGLISH GIFTED AND TALENTED

YEAR COST: \$25.00
YEAR COST: \$60.00

Students will be completing the Year 9 Western Australian Curriculum course for English. The English curriculum is built around three interrelated strands that support students' growing understanding and use of English. These strands are:

- Language
- Literacy
- Literature

The three strands are not designed to be curriculum modules or sub-programs but rather should be seen as interwoven. They represent aspects of learning that together can be addressed in any activity or sequence of work. As part of their course work, students will study a range of text types. They will also be expected to demonstrate mastery of a range of writing genres as per the WA Curriculum.

A significant feature of the Year 9 course will be the NAPLAN testing conducted at the beginning of Term 2. These national tests in reading, writing, spelling and language conventions allow parents, students and teachers the opportunity to measure student progress against national benchmarks. Although they are only one aspect of monitoring student progress, they are an important item on your child's school calendar. As a result, students will be taught to study and prepare for NAPLAN tests and encouraged to develop strategies for working in a limited time frame.

ENGLISH AS A SECOND LANGUAGE

YEAR COST: \$25.00

EAL/D English is a flexible program of instruction for language and literacy development, designed to assist students whose first language is not English. EAL/D classes are formed in Years 7 to 10 as required. Students new to the Australian context are encouraged to check their eligibility upon enrolment.

EAL/D is not a modified mainstream English course but rather focuses on improving oral and written language skills across a range of English texts and subject area content.

EAL/D teachers focus on improving students' Standard Australian English skills in preparation for NAPLAN testing. Grades achieved by students are based on each student's progress against the EAL/D progress maps in the four language modes: speaking, listening, reading/viewing and writing. All lower school EAL/D programs are designed to effectively prepare students for achieving their WACE through participation in English as an Additional Language (EAL/D).

Pathways

Year 9/10	English Mainstream	Academic Extension Course	Gifted & Talented	English as a Second Language
Years 11/12	English General English ATAR Literature ATAR	English ATAR Literature ATAR	English ATAR Literature ATAR	EAL/D English ATAR English General

HEALTH AND PHYSICAL EDUCATION

Health and Physical Education Learning Area outcomes are linked to the progressive development of a healthy, active lifestyle for students. Students progress throughout their schooling to achieve higher levels of skills and knowledge about influences that enable the attainment of healthy active lifestyles. Students utilise time in the Health and Physical Education Learning Area to develop self-management skills, which are based on informed decision making.

Central to the ongoing education of each student is the development of interpersonal skills for the establishment and maintenance of effective relationships in life. Outcomes linked with the Health and Physical Education Learning Area are predominantly addressed through learning in such areas as Health Education, Physical Education, Outdoor Education, Sport and Dance.

Pathways

YEAR	Compulsory	Physical Education Selections					Specialist Program
7/8	Health Education	Physical Education		Advanced Athletics, Swimming & Sport		Netball	
9	Health Education	Physical Education		Advanced Athletics, Swimming & Sport	Soccer	Netball	
10	Health Education	Physical Education	Recreation	Outdoor Education	Sports Science	Soccer	Netball
11/12	Health Education ATAR and General	Physical Education ATAR and General		Certificate II Sports Coaching		Certificate II Sport Coaching (Specialised Netball Pathway)	



HEALTH EDUCATION (COMPULSORY)

YEAR COST: \$16.00

The focus during this course is on knowledge, communication, decision-making and assertiveness. Pressures to be sexually active and strategies to counter these influences are considered. Ambitions and goals are clarified. Issues related to the use of alcohol, tobacco, and drugs (both legal and illegal) are comprehensively discussed. Lifestyle choices connected with conception, pregnancy and births, as well as contraception is reviewed. Individual diet and exercise programs are monitored and personal fitness levels are measured.

PHYSICAL EDUCATION

YEAR COST: \$21.00

Linked with the Health Education component will be physical activity electives that will allow students to develop outcomes in aspects of swimming, lifesaving, hockey, touch, football, athletics, netball, badminton and cricket. These sports will engage students in skill development and involve them in cooperative and strategic games. Team groupings should allow students to demonstrate the full potential of skills and practise and acquire higher levels of movement skills and strategies.

ADVANCED ATHLETICS, SWIMMING AND SPORT

YEAR COST: \$50.00

(Note: students who select this subject will still participate in selected team-based sporting activities from the mainstream PE program as a way of enhancing their fitness, physical skills and teamwork skills).

Students may elect to participate in this class instead of the mainstream Physical Education class. This is a new PE option provided for students who aim to become members of our coveted Inter-school Athletics team and/or our Inter-school Swimming Team and our Inter-school Sporting teams. Students who select this subject should have a keen interest in improving their skills and ability in athletics and swimming to promote high-level performance in House and Inter-school Athletics and Swimming Carnivals. Students who select this subject will enjoy a range of fun and engaging skill and fitness-based activities aimed at improving fitness, technique and conditioning for competition.

Some of the activities in this subject include:

- Specific event training and technique development in swimming and athletics
- Mini-biathlon & mini-triathlons
- Group fitness sessions/classes and circuits
- Personal fitness programming (and use of the Fitness Centre)
- Cycling & selected team sports from the Year 7 mainstream PE program
- Aqua aerobics, water polo and other pool activities

(Note: If an insufficient number of students select this subject, students will participate in the normal Year 7 mainstream PE program instead).

HUMANITIES AND SOCIAL SCIENCES

HUMANITIES AND SOCIAL SCIENCE

YEAR COST: \$25.00

In Year 7, Humanities and Social Sciences (HASS) students undertake several subjects offered in the Western Australian Curriculum. Humanities and Social Sciences will teach your child the transferrable skills necessary to navigate changing circumstances in contemporary society.

In History, students will be learning about the key historical concepts that include sources, evidence, continuity and change, cause and effect, significance, perspectives, empathy and contestability. They explore the Ancient World, focusing on an in-depth study of Ancient Greece. Skills developed include examining primary and secondary sources, identifying various perspectives and examining how these different perspectives help people learn about specific historical periods.

In Geography, students develop an awareness of important geographical concepts such as place, space, environment, interconnection, sustainability, scale and change. These are high-level concepts that enable students to identify a question, guide an investigation, organise information, suggest an explanation and assist in developing decision-making skills. Students will learn skills such as data analysis which will help them enhance their knowledge and understanding. "Water in the World" will examine the causes of water scarcity and strategies to overcome it in Australia and the world. In "Place and Liveability" we investigate the local area to understand the factors that influence people's decision about where they live. Students will also attend an excursion to Mundaring Weir to explore the importance of maintaining a reliable water supply as part of the Water in the World topic.

Civics and Citizenship develops an understanding of the creation and implementation of the Australian Constitution. Students will learn how the Constitution divides Australia's decision-making processes and powers. They will gain insights into our Federal Parliament and the practical application of laws in Australian society, focusing on the presumption of innocence, burden of proof and the right to a fair trial.

Economics and Business will introduce students to how they satisfy their needs and wants. Conducting investigations into the characteristics of an entrepreneur delights students as they discover the importance of entrepreneurial abilities in developing a successful business venture. Students will finish this unit by discussing different work choices people can choose from to earn an income and become active members of the Australian economy.



Figure 1 Steve Jobs, visionary entrepreneur founded Apple computers in 1976, widely considered a genius he launched Apple's successful products the iPod and iPhone.

Humanities is a fun and interactive subject that combines all learning areas and helps students develop a lifelong love of exploring their world. In Year 7, students will have the opportunity to be involved in some exciting excursions to allow students to apply the knowledge they have gained in the classroom to the real world.

Pathways

Years 7 to 10	Semester 1 & 2 HASS - four hours per week							
Years 11/12	Accounting & Finance - ATAR	Economics - ATAR	Geography - ATAR	Modern History - ATAR	Politics and Law - ATAR	Career & Enterprise - General	Certificate II in Work Skills - General	Psychology - General

LANGUAGES

“A different language is a different vision of life”

Italian and Chinese are offered to students at Melville SHS. In Year 7, students will select the language of their choice – no previous language experience is needed to access these courses.

The rise and interest in languages and the need for languages in a global context, has seen the need for the Western Australian Curriculum to mandate Languages as compulsory in Years 7 and 8. Today, knowing a language sets you apart from everyone else and gives you that edge in employment opportunities, travel experiences and general communication. Languages empower!

Learning a language is the best way to learn about cultures and societies and to help us see the world from another perspective. It also makes us go back to language basics, helping to strengthen our understanding and literacy skills in our first language as well as making us more adaptable to our social and working environments.

Languages also make us think about the way we learn and memorise facts and information, which we can apply to any other learning area. Learning a language provides excellent opportunities for those intending to pursue a career in the defence forces, hospitality, tourism, fashion, education and government agencies among other sectors. Both Italian and Chinese (Mandarin) are taught as second language courses, which are intended for students where the language on offer is studied as a second language course and for whom there is no prior linguistic advantage. Former study in one of the two languages on offer at a primary school does not exclude a student from enrolling in the same language in Year 7.

A student who has a background in one of the two languages (Italian and Chinese) should discuss their choice of language with the Teacher in Charge of the Language Department at the point of enrolling. It is advised the student study another language if a student has a background in one of the two languages on offer, as a student will not gain educational benefit in the beginning level of the secondary language course. Also, the student will not be able to continue with the second language course at ATAR level as WA has strict eligibility requirements for differentiated ATAR language courses.

ITALIAN

YEAR COST: \$20.00

The Year 7 focus is ‘Tutto su di me’ (All about me). It introduces students to the Italian language and culture from a personal perspective, enabling them to share information related to personal identity, aspects of everyday life, and popular culture. Students communicate in Italian, to exchange information about self, family and friends, and interests. They engage in individual and collaborative tasks that involve making arrangements, inviting, planning, deciding and responding. Students begin to develop an understanding of what it means to be Italian and compare their own lives to those of others in Italian-speaking communities.

This course gives students a true introduction to a taste of Italy and the Italian language. Students identify topic, gist and specific points of information from texts related to aspects of their personal and social worlds, convey the information and ideas and use them in new ways.

Students become familiar with the systems of the Italian language when encountered in simple spoken and written texts. They develop awareness of features of the Italian sound system through distinguishing and reproducing in familiar contexts the sounds of Italian, vowel combinations and differences in tone and rhythm between statements, questions, exclamations, requests and commands.

Students will have the opportunity to attend a variety of incursions and excursions, as well as sampling delicious food and be immersed in the Italian culture.

CHINESE

YEAR COST: \$20.00

The Year 7 focus is ALL ABOUT ME. It introduces students to the Chinese language and culture from a personal perspective, enabling them to share information related to personal identity, aspects of everyday life. Students interact with peers to exchange information about self, Students become familiar with the system of Chinese language when encountered in simple spoken and written texts. They use features of the Chinese sound system to discriminate use of tones, rhythm and sound flow in interactions, and use Pinyin to support learning spoken language. Students become familiar with the Chinese writing system, focusing on the structure and basic components that feature in characters.

The students will have the opportunity to attend a variety of incursions and excursions, as well as to sample traditional Chinese food and be immersed in the Chinese culture.

Pathways

Years	Italian Language	Chinese Language
7 to 10	Italian	Chinese
11/12	Italian Second Language ATAR Italian Second Language General	Chinese Second Language - ATAR Chinese Background Language - ATAR Chinese First Language - ATAR



MATHEMATICS

At Melville SHS, we are constantly looking to the future and the skills our students need. We are the M in STEM and play a significant role in all areas of study and careers through the development of skilled, logical thinkers.

Mathematics is a subject to explore and enjoy and our team of qualified and enthusiastic educators work towards assisting students in achieving the success of which they are capable and deserve. Our emphasis on logical thinking and problem solving, reflecting the requirements of The Western Australian Curriculum, aims to provide opportunities for skill development and understanding of applications of mathematical techniques. Numero has been incorporated into our Year 7 Mathematics Program. It assists in improving thought and confidence in the classroom.

Our Year 7 students complete a common course and common assessment tasks throughout the year. The Gifted and Talented and Academic Extension classes explore further concepts and delve deeper into topics of interest.

MATHEMATICS

YEAR COST: \$24.00

Year 7 – Mainstream

Students use ideas about numbers, 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. These are mixed ability classes.

Year 7 – Academic Extension Course

Students in our Academic Extension Course will complete all of the mainstream coursework as well as participating in some extension work. Students apply to be part of this course and the classes are determined by the results from testing conducted when the students are in Year 6.

MATHEMATICS GIFTED AND TALENTED

YEAR COST: \$34.00

Year 7 – Gifted and Talented

Students also complete the mainstream course but are exposed to problems and activities requiring higher level thinking. It is compulsory for our Gifted and Talented students to compete in the Australian Mathematics Competition each year. As they often complete the coursework in a quicker time, enrichment tasks form part of their weekly routine in Mathematics.

Assessment

Students complete common assessment tasks throughout the year. They are assigned a NAPLAN style test at the beginning and end of the year. Students will also complete an examination in Term 4 based on the entire year's work.

Year 7 to 10	Semester 1 and 2 four hours work per week			
Year 11/12	Mathematics Applications	Mathematics Methods	Mathematics Specialist	Mathematics Essential - General

High achieving students may be given the opportunity to study both Methods and Specialist.

See Mathematics Booklet on our Website [HERE](#) for more information.

SCIENCE

SCIENCE

YEAR COST: \$34.00

In Year 7 all students study Science for four hours per week. They cover all major concepts of science, including physics, chemistry, biology and earth sciences as well as a science laboratory and investigative skills. In Year 7 students will cover the following outcomes:

- 6 weeks Working as a scientist
- 9 weeks Chemistry
- 10 weeks Biology
- 7 weeks Earth sciences
- 8 weeks Physics

These topics are interwoven with the process outcome of Science Enquiry Skills throughout the year.

Pathways

Years 7 to 10	Science				
Years 11/12	Physics ATAR	Chemistry ATAR	Biology ATAR	Human Biology ATAR	Human Biology General



TECHNOLOGIES

In an increasingly technological and complex world, it is important to develop knowledge and skills to analyse and creatively respond to design and/or digital challenges using real-world technologies. Society needs enterprising students who can make discerning decisions about the development and use of technologies, develop solutions to complex challenges and contribute to sustainable patterns of living. Technologies can play an important role in transforming, restoring and sustaining societies and natural, managed and constructed environments.

The Technologies curriculum is STEM-focused and is divided into two distinct but related contexts:

- Design and Technologies (DAT) – In which students learn in the contexts of Materials Design, Materials Engineering, Food & Nutrition and Textiles.
- Digital Technologies (DT) – In which students learn in the contexts of Digital Engineering and Digital Technologies.

The table below represents the progression through various Technologies courses into Senior School. Whilst an advantage, Senior School courses do not require previous experience in Middle School. However, a 'C' grade or higher in Year 10 English is recommended for all classes.

In Years 7 and 8 students are required to undertake studies in at least one Design & Technologies and one Digital Technologies course each year. In Years 9 and 10 students can select based on personal interest and aspiration.

Pathways

Contexts	Design And Technologies			Digital Technologies		Specialist Program
Year 7 Semester Courses	Materials Design Materials Engineering	Food Awareness	Textiles Essentials	Digital Engineering	Digital Game Design	Aviation
Year 8 Semester Courses	Materials Design Materials Engineering	Fabulous Foods	Creative Textiles	Mechatronics Engineering	Digital Technologies	Aviation
Year 9 Semester Courses	Materials Design Materials Engineering	Food for Health	Fashion and Textile Design	Engineering with CAD	Creative Digital Design	Aviation
Year 10 Year long Courses	Materials Design Materials Engineering	Food Technology	Clothing and Textile Design Childcare Essentials	Automata Engineering	Advanced Digital Design	Aviation
Year 11/12	Materials Design & Tech – Wood General Materials Design & Tech – Metal General Building & Construction General Certificate II in Engineering	Food Science & Technology General	Children, Family & the Community General	Certificate II Engineering	Applied Information Technology ATAR Applied Information Technology General	Aviation General

Design & Technologies

MATERIALS DESIGN

SEMESTER COST \$60.00

In Materials Design, students are introduced to working with a range of materials including; timbers, plastics and metals. Students will make a range of small projects using basic hand and power tools and be exposed to computer-aided machining. They will be introduced to the technology process and apply it to their designs to make them unique.

MATERIALS ENGINEERING

SEMESTER COST \$60.00

In Materials Engineering, students are introduced to working with a range of materials including; timbers, plastics and metals. Students will learn about material properties through a range of interesting activities. They will make a range of small projects using basic hand and power tools and be exposed to computer-aided machining.

FOOD AWARENESS

SEMESTER COST \$60.00

Food Awareness allows students the opportunity to develop the knowledge and skills to prepare quick and nutritious meals. This course teaches students basic cookery skills which are essential in everyday life for good health and wellbeing. They will experience new flavours by producing a range of delicious recipes over the semester. Students will also learn about healthy eating habits, the properties of food, the nutritional value of food and food sustainability.

TEXTILES ESSENTIALS

SEMESTER COST \$60.00

This course introduces students to the basic knowledge and processes used in designing and constructing textile and craft items. It allows students the opportunity to design and produce items that are practical and sustainable. Students are encouraged to use and express their creativity in all their textiles projects.

Please note if students wish to vary or extend their projects they may need to provide/pay for the extra materials.

Digital Technologies

DIGITAL ENGINEERING

SEMESTER COST \$15.00

In this course, students will be introduced to the world of digital engineering through computer-assisted research, data analysis, design, drawing and manufacturing. Students will use software that is of industry standard to design and develop practical engineering solutions.

Students will also learn the processes involved in digital engineering through structural and sustainable design, collaborative problem-solving and the creation of physical engineering solutions.

DIGITAL GAME DESIGN

SEMESTER COST \$15.00

In this course students will learn skills to use software including the Microsoft Office Suite and email, assisting in their everyday school work.

Students will also learn about digital systems including various types of networks, online security requirements and the concept of being a socially interactive, positive digital citizen. Students will also acquire problem-solving skills by de-constructing issues, developing apps or games using text-based programming (Python) and using various industry-based computer graphic software.