

<b>CONTENTS</b>	<b>Page</b>
<b>INTRODUCTION - Welcome to Year 10 Students and Parents</b>	2
<b>SPECIALIST COURSES</b>	3
Gifted and Talented Education (GAT)	3
Academic Extension Course	3
Aviation Course	4
Graphic Design Media	5
Music in Focus Program	6
Certificate II in Music Industry	7
Netball	8
<b>STUDENT DEVELOPMENT AND SUPPORT</b>	9
Melville Learning Centre (MLC)	9
Learning Support Coordinator (LSC)	9
Respect Include Scaffold Engage (RISE)	10
<b>THE ARTS</b>	11
<b>ENGLISH</b>	15
English as a Second Language	16
<b>HEALTH &amp; PHYSICAL EDUCATION</b>	17
<b>HUMANITIES AND SOCIAL SCIENCES</b>	19
<b>LANGUAGES</b>	21
Italian	22
Chinese	23
<b>MATHEMATICS</b>	24
<b>SCIENCE</b>	25
<b>TECHNOLOGIES</b>	26



## WELCOME TO YEAR 10 STUDENTS AND THEIR PARENTS

We believe, regardless of the size of the school (approximately 1450 students) and the many and varied programs on offer (flight/aviation, academic extension, music, languages and netball to name a few), we provide a warm, caring environment that is rich in culture, challenge and diversity.

We hope that your new or continuing association with the school is a pleasant, rewarding one. This booklet outlines the academic courses available to students entering Year 10. The aim of the program that you will select is to give you a “taste” of subjects that fit your needs and/or interests and in which you will ultimately specialise through continued study in Years 11 and 12.

*Secondary* education covers Year 7 (aged 11/12) to Year 12 (aged 17/18). That period is broken into the middle school Years (7, 8 and 9) and the senior school Years (10, 11 and 12). It is a legal requirement that students must attend school until the end of the year in which they turn 17.

All education in Western Australia (whether state or private) is now controlled by the School Curriculum and Standards Authority (formally, *Curriculum Council*) which has created a **Curriculum Framework** within which schools must work so that students achieve documented curriculum outcomes in eight learning areas.

Please seek further help if you require it, and WELCOME!

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

### YEAR 10 COURSE

	LEARNING AREA (LA)		HOURS	
1.	The Arts	(Optional)	4hrs a week	Choice courses for whole year
2.	English	(Compulsory)	4hrs a week	Placement by Learning Area Teacher
3.	Health & Physical Education	(Compulsory with choice)	4hrs a week	Choice courses for whole year
4.	Languages	(Optional)	4hrs a week	Choice courses for whole year
5.	Mathematics	(Compulsory)	4hrs a week	Placement by Learning Area Teacher
6.	Science	(Compulsory)	4hrs a week	Placement by Learning Area Teacher
7.	Humanities and Social Sciences	(Compulsory)	4hrs a week	Placement by Learning Area Teacher
8.	Technology & Enterprise	(Optional)	4hrs a week	Choice courses for whole year
9.	START	Compulsory	1 hour a week	Placement by Year Coordinator

Students typically will choose one (1) optional yearlong package from the Arts, Languages or Technology & Enterprise.

If specialising in Music, Graphic Design Media (The Arts), Aviation (Science) or Netball (Health and Physical Education) then choices in optional learning areas will be limited due to the extra hours of course study needed during the school week.

# SPECIALIST COURSES

## **GIFTED AND TALENTED Selective Academic Program**

Your child can discover a world of opportunities in Gifted and Talented programs. A key feature of these programs is the extension and extracurricular activities where children can be involved in international, national and state competitions, leadership programs, community service, university extension programs and study tours.

At Melville Senior High School we are aiming to provide students with a comprehensive program that will engage and challenge. Students gain entry into Humanities, English, Maths and Sciences through a state wide testing program. Students will receive academic rigor through extended learning and enrichment opportunities in Maths, Science and the Humanities learning areas. The teachers working with students in this program have completed additional professional learning that will assist them to develop each child's potential. All Gifted and Talented teachers have completed specialist GERRIC training. Our experienced team of staff will help to support students and give them the best opportunities in their academic learning programs as well as supporting their social, emotional development as young adolescents.

The program aims to encourage students to excel in their area of talent and to stimulate students' inquiry, analytical, critical and creative thinking skills. Classroom teachers aim to provide a motivating environment, to give students the skills and the time to explore an issue, text or problem in more depth and communicate their conclusions more effectively. Students are encouraged to gradually take responsibility for their own learning.

Students apply and are selected for Gifted and Talented programs through a central selection process.

'Top-up' testing for this program is available in Years 8, 9 and 10 for entrance into the program in the following academic year. Please contact the Teacher in Charge Gifted and Talented for more information:

Mrs Rhian Bilclough - Rhian.Bilclough@education.wa.edu.au

## **ACADEMIC EXTENSION COURSE**

The Melville SHS AEC program 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 with take more responsibility for their own learning. Competitions, workshops, excursions and rich tasks based on a thematic approach are also undertaken throughout the year.

### **How is the course structured?**

The Academic Extension Course is designed so that students are given every opportunity to optimise their areas of talent, therefore we have divided the program into two areas:

- 1) Humanities (English & HASS)
- 2) Maths & Science.

Some students demonstrate exceptional ability in all four subjects and will be placed in the humanities and maths/science areas, whilst other students may be talented in one area i.e. humanities and will be in this area for AEC

### **How are students identified?**

As outlined in the *Department of Education's Policy for Identification of Students who are Gifted* we use a range of strategies to identify students, including:

- Completion of an ability, aptitude and creativity test (IQ test);
- Interview (students who are successful in the testing are invited with their parents for an interview);
- Past school grades, portfolios, NAPLAN test results and course teacher recommendation.

# AVIATION SPECIALIST COURSE

**SEMESTER – 1 8AVX1**  
**\$52.00**

**Semester cost:**

## PHYSICS OF FLIGHT

This topic studies the application of many of the laws and principles of physics to the flight of an aircraft. Educational objectives covered:

- Upthrust
- Laws of motion
- Creation of lift
- Behaviour of gases
- Forces on an aircraft
- Gyroscopic effect
- Stability and simple machines

## HUMAN PERFORMANCE AND LIMITATIONS

This topic examines the human element of aviation. It addresses many of the human factors which affect flight. Educational objectives covered:

- Stress
- Drugs
- Aviation medicine and physiology
- Pilot fatigue
- Visual perception
- Ergonomics of cockpit design

**SEMESTER 2 - 8AVX2**

**Semester cost: \$52.00**

## COMMUNICATIONS IN AVIATION

This topic prepares the students for the use of radio in flying. It gives the student correct procedural language for communicating in the flight environment. Educational objectives covered:

- Radio calls in and around Jandakot airport
- Radio calls in a radar controlled environment
- Development and application of radio navigation aids.
- Behaviour of radio waves

## FLYING THE AEROPLANE

This topic traces the role of the pilot through various stages of flight in fixed and rotary winged aircraft and gliders. Educational objectives covered:

- Aircraft performance and operation
- All phases of flight including taxiing, take-off, climbing, descending, manoeuvring, landing.

Entry to the Aviation Course is only available to those students who have been selected by the testing and /or process.

### Contact

**Teacher in Charge:** Mr Randall Brink on 9330 0300 [randall.brink@education.wa.edu.au](mailto:randall.brink@education.wa.edu.au)

**Head of Learning Area:** Mr Kim Rosenthal on 9330 0300 [kim.rosenthal@education.wa.edu.au](mailto:kim.rosenthal@education.wa.edu.au)

**For enrolment forms and to apply for testing dates please contact school administration on 9330 0300**



## GRAPHIC DESIGN MEDIA – SPECIALIST COURSE

### Graphic Design Media 1GDMX

Graphic Design Media students will cover a wide variety of contexts from different areas of design and media production during this year. Projects range from Interactive games and web design, 3D animation and creature development, web design, print and kinetic graphics, architecture, fashion, industrial design and film production. Main projects will typically be term based assignments which are split up into segments that test different aspects of a student's development.

**Year Cost: \$130.00 plus booklist items**



At the heart of the program lies the professional master class workshops. These enable our students to work (both in school and sometimes externally) with professionals in various design and media based industries. Workshops with students studying film special effects, maquette construction and 3D animation with leading industry professionals is an example of the Master Class workshops offered.

As a certified specialist program, GDM at Melville tests from students state wide and this is done via both an academic testing, ideation testing and portfolio interview structure. Students may exhibit a wide range of different types of projects in their portfolios, though the emphasis is on students who work in a self-directed manner and who have demonstrated both passion and quality in their work.

The Graphic Design Media program at Melville SHS is underpinned by a dynamic parent support group who help contribute to the richness of the extension and enrichment programs by both direct assistance and by fundraising activities.

### Pre-Requisites

Completion of Year 7, 8, & 9 in the GDM program to the expected level of quality and rigour OR selection via testing process (see above) to commence\*.

\* **Please note** that very few students are selected to BEGIN Graphic Design Media in Year 10 as the usual starting point is Year 7. Special circumstances will, however, be considered and **transferees** from other schools will be considered if PLACES ARE STILL AVAILABLE.

### After Hours

It is expected in the same way that other specialist programs have out of school hours components to their courses that students spend time out of class further developing their skills in this area. It is suggested that 4 hours a week be a nominal benchmark for this extra time, to include activities such as:

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

### Need more info? Contact

**Teacher in Charge:** Mr Lev Vykopal on 9330 0300

**Head of Learning Area:** Mr David Anderson on 9330 0300

[lev.vykopal@education.wa.edu.au](mailto:lev.vykopal@education.wa.edu.au)

[david.anderson@education.wa.edu.au](mailto:david.anderson@education.wa.edu.au)

For enrolment forms and to apply for testing dates please contact school administration on 9330 0300

# MUSIC IN FOCUS PROGRAM

Semester Cost: \$80.00

## Music in Focus – 1MUX

Students in Year 10 Music in Focus program complete 4 hours per week and it is aimed at the music student who has completed the Music in Focus program in Years 7, 8 and 9.

All music students, be they rock or not, will benefit from the music instruction to develop skills in a range of music genres and on a range of musical instruments.

The Music in Focus course in Year 10 also provides students with the opportunity to prepare for the Year 11 and 12 ATAR Music course. The time allocation of four hours is split up in the following way:

- Theory and music history
- Film & TV and blues
- Composition and creating in a musical context
- In-class band performance and rehearsal – all students.

It is recommended that students planning to choose the ATAR Music course for Years 11 & 12 also choose the Certificate course as a complementary course.



As a part of their class room studies students will continue their lessons with IMSS's instrumental teachers. This forms part of students' **co-curricular program** which provides opportunities for the extension and practical application of classroom learning.

**Instrumental Music School Services** provide lessons free of charge at Melville Senior High School to students selected for the program or who are continuing lessons from Year 9\*.

These lessons are available on Classical Guitar, Electric Guitar, Bass Guitar, Percussion, Brass, Saxophone, Clarinet and Flute. In addition to these lessons students are required to join either the Senior Concert Band (rehearsing 3.00 - 4.30pm Wednesdays) or Intermediate Concert Band (3.00-4.00 Tuesdays) or Classical Guitar Ensemble (3.00-4.00 Thursdays) to fulfil the ensemble requirement of the course.

\* **Please note** that very few students are selected to BEGIN School of Instrumental Music lessons in Year 10 as the usual starting points are Years 6 and 7. Special circumstances will, however, be considered and **transferees** from similar high school programs will be given the opportunity to audition.

## Pre-requisite

Completion of Year 7, 8, & 9 Music in Focus course OR audition with the music teacher for admission.

## Ensembles and Bands Rehearsing After Hours

- 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 (Years 7)
- Melville VOX Vocal Ensemble (voice students)

## For more information contact

**Music Teacher in Charge:** Ms Ana Milas on 9330 0300

[ana.milas@education.wa.edu.au](mailto:ana.milas@education.wa.edu.au)

**Head of Learning Area:** Mr David Anderson on 9330 0300

[david.anderson@education.wa.edu.au](mailto:david.anderson@education.wa.edu.au)

**OR**

Why not talk to one of our current music students or their parents? We guarantee you will enjoy your Melville music experience!

This course gives students a practical, industry relevant and engaging learning experience.

**Learner Description**

This qualification is directed towards students in Year 10 who are seeking careers or skills at an industry entry level, equivalent to that of a professional musician, songwriter, arranger, technician or as a pathway toward a higher qualification. It is preferred that students complete the qualification concurrently with IMSS lessons or private instrumental tuition.

**Entry Requirements**

There are no particular entry requirements for this course, however, students would benefit from previous instrumental or performance experience.

**Pathways**

Once students complete the Certificate II in Music Industry, they are able to enrol in Certificate III in Music Industry at Melville SHS. Further study and training can be undertaken at TAFE, universities and private providers, including such qualifications as Certificate IV, Diploma and Advanced Diploma, specialising in performance, sound production or business.

**Duration**

This qualification is one year in duration. The program is designed to be practical and engaging, which includes a range of music industry components that happen as a normal part of a school's event schedule. Music students enrolled in this course would generally also be involved in performances, productions and other industry style activities at the school, which provide deeper and broader learning experiences.

**Core Units**

- BSBWHS201 Contribute to health and safety of self and others
- CUAIND201 Develop and apply creative arts industry knowledge
- BSBWOR203 Work effectively with others

**Elective Units**

- CUAMCP201 Incorporate technology into music making
- CUAMLT201 Develop and apply musical ideas and listening skills
- CUAMPF102 Develop ensemble skills to perform simple musical parts
- CUASOU202 Perform basic sound editing
- ICTWEB201 Use social media tools for collaboration and engagement

# NETBALL SPECIALIST PROGRAM

**3NEX**

**Semester cost: \$85.00**

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

Melville Senior High School provides students with 4 lessons per week all year round. The majority of the sessions are on the court learning new skills, strategies and improving both individual and team skill levels. There are opportunities to co-operate in a team environment through use of communication activities both on the court and in the classroom, develop a higher understanding of the game, understand nutrition and develop 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, pursuit of excellence, individual learning and problem solving ability 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 experience 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, e.g. local, state and national levels of recognition?**

### **Outcomes anticipated are as follows:**

Develop a Diamond Program (Year 7)  
Rules of the game (Year 7)

Introduction to Umpiring (Year 8)  
Role modelling at primary schools (Year 8)

Level 1 Umpiring (Year 9)  
Umpiring primary school tournaments (Year 9)

Accredited Sports Medicine course (Year 10)  
Accredited Foundation Coaching course (Year 10)  
Phys. Ed. Studies introduction (Year 10)  
Ability to coach, manage and umpire teams (Year 10-12)

Ability to organise all aspects of a netball carnival (Year 11/12)  
Stage 2 Phys. Ed. Studies – netball specific (Year 11/12)

or

Certificate II Sports in Coaching/ Sport & Recreation (Year 11/12)

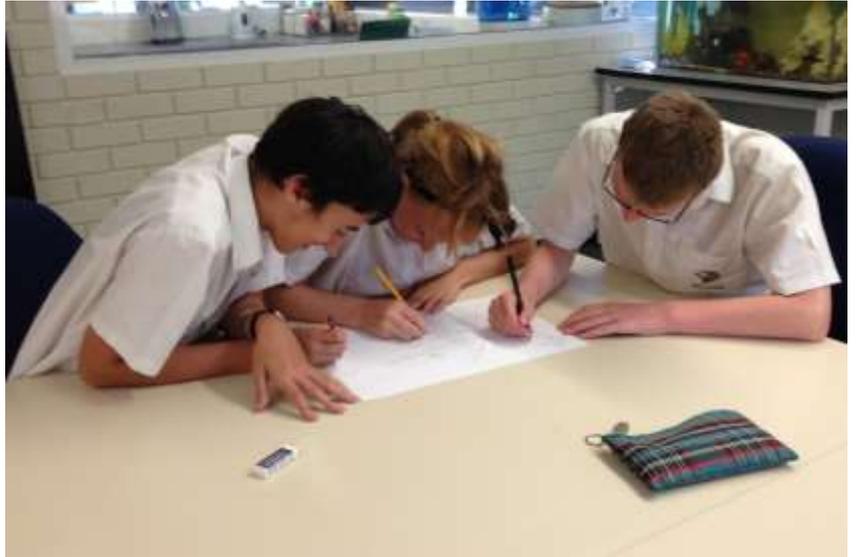
### **Note**

Students who wish to join the specialist netball program in Year 10 should contact **Mrs Sonia Soltoggio** on 9330 0300 or [sonia.soltoggio@education.wa.edu.au](mailto:sonia.soltoggio@education.wa.edu.au)



## STUDENT DEVELOPMENT AND SUPPORT

**Melville Learning Centre** is a school focus program available to Melville Senior High School students from Years 7 to 12 who have a disability (as determined by Schools Plus eligibility) combined with specific learning needs. In Melville Learning Centre we operate two separate programs (1) Middle School Years (7, 8 & 9) and (2) Senior School Years (10-12). We aim for a seamless flow for students as they progress between the two programs during their high school years.



The Melville Learning Centre program promotes a learning culture where students are enthused and equipped to achieve success. The program focuses on developing students' skills to make safe and sensible decisions for themselves at school, at home and in the community.

**Enrolment Conditions:** Melville Learning Centre provides an integrated educational program for students from the **local intake area** only. Entrance into the unit is case by case as determined by a panel chaired by the School Psychologists and includes the Deputy Principal Student Services and the Deputy Principal Middle School.

For further information about Melville Learning Centre please call:

Teacher in Charge: Mrs Marina Gaskell

(08) 9330 0300

[Marina.Gaskell@education.wa.edu.au](mailto:Marina.Gaskell@education.wa.edu.au)

### **LEARNING SUPPORT COORDINATOR (LSC)**

The role of the Learning Support Coordinator is to support teachers, in the mainstream school setting, provide an inclusive education program for identified students. The LSC does not work with students and families of students in the MLC and RISE programs.

The LSC assists teachers by providing information on students with recognized diagnosis' of disabilities and/or learning disorders. The LSC also supports staff by providing learning strategies and teaching materials as required.

Other roles include:

- Facilitating communication between outside agencies, parents and school staff.
- Development of overarching Documented Plans in consultation with all parties that may incorporate teaching/learning adjustments and classroom strategies.
- Coordination of Special Exam Arrangements in consultation with relevant school staff including identifying eligible students and completing necessary applications.
- Maintaining a database/guide for staff on students with a recognised diagnosis; SEA, suggested strategies and modifications.

For further information about Learning Support please call:

Teacher in Charge: Ms Yolanda Cool

(08) 9330 0300

[yolanda.cool@education.wa.edu.au](mailto:yolanda.cool@education.wa.edu.au)

# **The RISE Program**

## Respect Include Scaffold Engage

At MSHS this program is focused on students with literacy and numeracy learning issues.

This program has been structured over three years of lower school with flexible entry and exit points to meet student needs. Year 7-9 students are identified through a number of means by the school. NAPLAN data and previous years' reports are analysed, and specific information received from parents and teachers is taken into consideration. From this process students at educational risk are identified and placed in a learning program designed to meet their individual learning needs to maximise engagement and achievement.

Specialist learning area teachers will each cover their learning area (either Maths, English, HASS or Science) within a classroom environment which provides a scaffolded and structured approach to learning. The class follows the mainstream curriculum with modifications and additional support as needed.

### **Key Elements of teaching and learning**

- Student centred learning
- Scaffolding of tasks`
- Smaller class sizes
- Group/individual educational plans
- Assessment tasks set to individual students needs/demonstrated capabilities
- Teaching/learning adjustments
- Negotiated curriculum/assessment policy
- Establishment of individual learning styles – teaching/learning opportunities to reflect this diversity
- Parent/family involvement
- Improving social skills and values/building effective relationships and resiliency
- Classroom education assistant (EA) support

### **Key elements of behaviour management**

- Strong rapport between student and teacher
- Negotiated and simple classroom behaviour management plans
- Positive behaviour modification plans
- Close working relationship with student services
- Conflict resolution and problem solving skills as element of classroom tasks
- Parent/family involvement
- Increasing school attendance through relationship

### **Vocational Pathway Program- Intro Year 10**

With a focus on developing strong career and training pathways and preparation for the Online Literacy and Numeracy testing, the Year 10 Program follows the mainstream curriculum with scaffolding and a vocational and task based focus.

Students are supported to develop their study and career plans and their understandings about the world of work and further learning opportunities. Students are exposed to the wide range of opportunities available in the Vocational Pathway Program in Upper School and also prepare for the General Course they will study in Year 11.

### **Key elements of behaviour management**

- Strong rapport between student and teacher
- Negotiated and simple classroom behaviour management plans
- Positive behaviour modification plans
- Close working relationship with student services
- Conflict resolution and problem solving skills as element of classroom tasks
- Parent/family involvement
- Increasing school attendance through relationship

For further information please call Melville SHS on 9330 0300.

## THE ARTS LEARNING AREA

This table reflects the multitude of Arts subjects on offer from all six of our contexts: Graphics, Visual Art, Media, Dance, Drama and Music. 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.

Students in Year 10 undertake 4 hours of study per week in Arts courses. These courses are packaged together for breadth of study and course specialisation. For example, a student who chooses Dance will also get a semester in Drama, or a student who chooses Fashion and Interior Design will get a semester in Drawing, Painting and Printmaking.

Contexts	Performing Arts			Visual Arts			
	OPEN COURSES		SPECIALIST Select Entry	OPEN COURSES			SPECIALIST Select Entry
<b>YEAR 10</b> Yearlong Course Packages	Dance (1DAX) & Drama (1DRX)	Music Certificate II in Music Industry	SPECIALIST Music In Focus (1MUX)	Drawing & Painting (1DPX) & Ceramics & Sculpture (1CSX) Fashion & Interior Design (1FIX) & Drawing & Painting (1DPX)	Multimedia (1MMX) & Film & Television (1FTX)	Digital Photography (1DGX) & Graphic Design (1GDX)	SPECIALIST Graphic Design Media (1GDMX)
<b>YEAR 11 &amp; 12</b>	ATAR Drama (11 & 12)	ATAR Music (11 & 12)	ATAR Visual Art (11&12)	ATAR Media (11&12)			
	Certificate II in Live Production (Drama)			ATAR Graphic Design (11&12)			ATAR Visual Art (11&12)
	Certificate II in Dance	Certificate III in Music Industry (11 & 12)	General Visual Art (+ embedded Certificate II in Visual Arts)	Certificate III in Screen & Media (11&12)			
	General Dance (11 & 12)			Certificate II in Creative Industries (Media) (over 1 year – in yr12 only)			
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.							



## THE ARTS LEARNING AREA

The Arts provide opportunities for students to learn how to create, design, represent, communicate and share their imagined and conceptual ideas, emotions, observations and experiences, as they discover and interpret the world. They entertain, inform, challenge, and encourage responses, and enrich our knowledge of self, communities, world cultures and histories.

The Arts contribute to the development of confident and creative individuals, nurturing and challenging active and informed citizens. Learning in the Arts is based on cognitive, affective and sensory/kinaesthetic response to arts practices as students revisit increasingly complex content, skills and processes with developing confidence and sophistication through the years of schooling.

At Melville staff aim to provide students with authentic learning experiences that engage their minds, hearts, and bodies with learning experiences that are real and meaningful for them. While learning in other disciplines may often focus on development of a single skill or talent, the Arts regularly engage multiple skills and abilities. Engagement in the Arts nurtures the development of cognitive, social, and personal competencies.

### Performing Arts

#### Year Package: Drama and Dance

##### Drama – 1DRX



Drama elective (1DRX) allows students to further delve into the world of performance through the study of different styles of theatre including Absurdism.

From notes on paper, to performing in front of an audience, this is the course for students interested in the range of roles in drama, such as directing, stage management, acting, set designer and others!

**Pre-requisites:** Nil

**Semester Cost: \$60.00**

AND

##### Dance – 1DAX

Dance elective (1DAX) extends students' repertoire of dance studies by expanding dance techniques and introducing the basic techniques of other dance genres such as jazz, contemporary, modern, tap and hip-hop dance.

Students will learn a variety of routines that will be performed at dance festivals and as a part of the school's performance program as well as having the opportunity to choreograph their own routines.

**Pre-Requisites:** Nil

**Semester Cost: \$60.00**



# VISUAL ARTS

## Year Package: Drawing & Painting and Ceramics & Sculpture

### Drawing and Painting – 1DPX

Students explore media in painting and printmaking or drawing.

These units are for the student who wants to take art to the limits of expression in mixed media, collage, in impasto collage, oils, chalks plus many more utilised materials.

Students create a body of work that may be included in exhibitions and competitions.

Students develop and extend their skills in this area in preparation for upper senior school.

**Pre-Requisites:** Nil

**Semester Cost: \$80.00**



**AND**

### Ceramics and Sculpture – 1CSX

This is a unit that will let you build upon your three dimensional ideas.

You will produce works that will be both functional and sculptural. Learn about sculptural mediums, clay, resin and more.

Students will work with paper clay and earthenware specifically and develop their hand building skills and work on the potting wheel.

**Pre-Requisites:** Nil

**Semester Cost: \$80.00**



---

## Year Package: Fashion & Interior Design and Drawing & Painting

### Fashion and Interior Design – 1FIX

This unit explores the world of a fashion designer and interior decorator. You will design and make articles for your bedroom, create your own house plans and work hands-on with paint, clay, canvas and printmaking.

Within the world of fashion you will discover well known fashion creators and movements whose work manipulates beading, fringing, repeat prints, appliqué patchwork, knotting and many more skills and techniques will be taught to enable you to enter into the fashion design world.

**Pre-Requisites:** Nil

**Semester Cost: \$80.00**



**AND**

### Drawing and Painting – 1DPX

Students explore media in painting and printmaking or drawing.

These units are for the student who wants to take art to the limits of expression in mixed media, collage, in impasto collage, oils, chalks plus many more utilised materials.

Students create a body of work that may be included in exhibitions and competitions.

Students develop and extend their skills in this area in preparation for upper senior school.

**Pre-Requisites:** Nil

**Semester Cost: \$80.00**



## **Year package: Multimedia and Film & Television**

### **Multimedia - 1MMX**

**Semester Cost: \$60.00**

This course of multimedia study aims to prepare all students for a future in a digital and global world by providing the foundation for life-long learning about multimedia. The subject focuses on the use and manipulation of text, static and animated graphic images and photo media, as well as audio and video images. Students will be working with industry standard software and equipment, including the full Adobe and Macromedia creative suites. They will also develop life skills involving problem solving, time management and will need to work collaboratively as well as on an individual basis.

**Pre-Requisites:** Nil

**AND**

### **Film and Television - 1FTX**

**Semester Cost: \$60.00**

The media is an important part of our culture. They give us entertainment and information; they tell us stories about ourselves and others. In this course students will study the entertainment industry with an emphasis on film and television. Students will participate in film and television production, working with industry standard equipment and software. This course will provide students with the opportunity to experience the new course of study and help to prepare them for upper school.

**Pre-Requisites:** Nil

---

## **Year package: Digital Photography and Graphic Design**

### **Digital Photography – 1DGX**

**Semester Cost: \$60.00**

Whether you specialise in design, painting, photography or video, digital imaging allows the exciting crossover between previously separate disciplines. Contemporary image-makers are equipped with the most sophisticated creative tools ever invented. To take advantage of all this opportunity, you will gain a clear basic overview of the technology that underpins the practice. You will work with digital cameras to create images, manipulate them on computers and print the results.

**Pre-Requisites:** Nil



**AND**

### **Graphic Design - 1GDY**

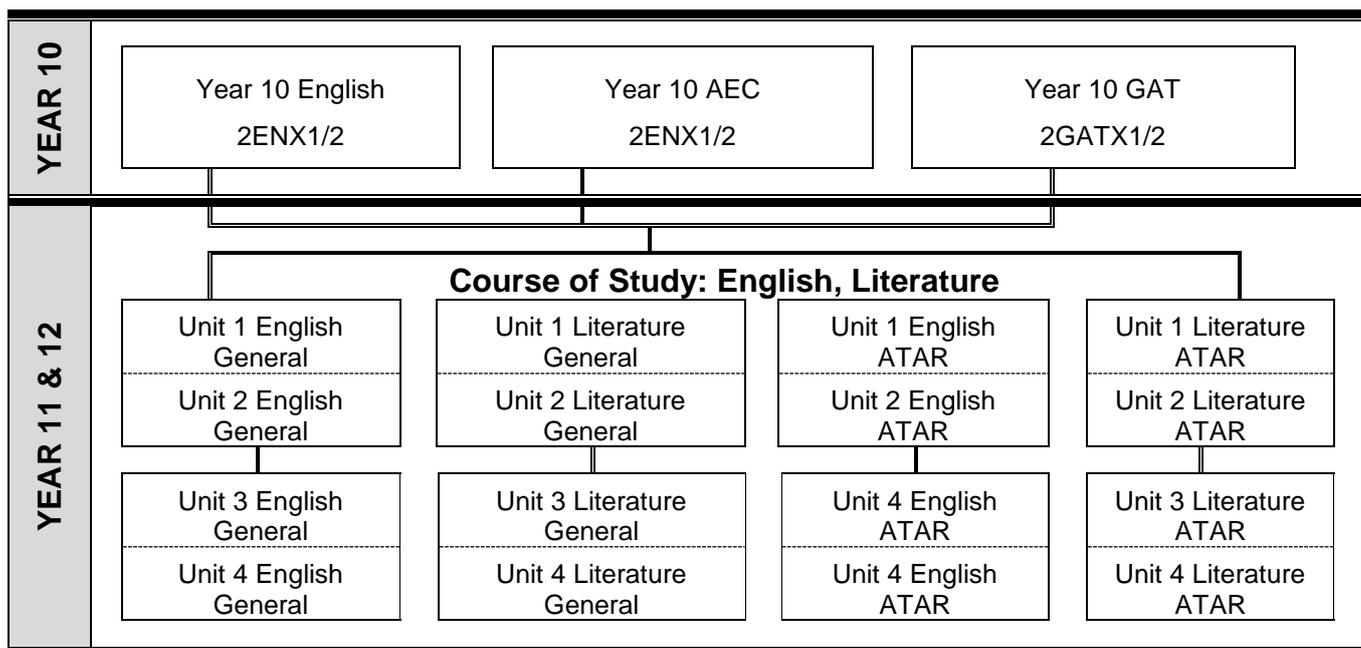
**Semester Cost: \$80.00**

Have you got visual ideas just waiting to be heard and seen? Then this is your chance to make your ideas come to life in the graphic form. In this unit you will learn about the world of graphics and the media. Learn how to create original graphic pieces ranging from CD covers, magazines, cartooning, illustration, desktop publishing, t-shirts, in fact, anything graphical. You will work with the latest design techniques and programs - Photoshop, Illustrator, Corel, digital cameras and learn the art of scanning your works to create new graphic works.

**Pre-Requisites:** Nil

---

## PATHWAYS OF STUDY ENGLISH



English is a compulsory subject in Years 11 and 12 and a focus for Year 10 will be preparing students for the demands of senior school. Students in Year 10 will study a range of text types including novel, feature film and documentary. They will be required to demonstrate mastery of writing creatively and analytically. Students will be taught to organise their writing ideas in a logical way and develop skills critically responding to literary, popular and visual texts. A feature of the Year 10 course will be the end of semester exam which will make up 20% of the course result. Students will be taught to study and prepare for English exams and are encouraged to develop strategies for writing in a limited time frame.

Schools in Western Australia are using the Western Australian Curriculum. The Year 10 course will focus on developing knowledge about what constitutes appropriateness, accuracy, fluency, and confidence in understanding, speaking, reading and writing English. Attention will be given to the teaching of grammar across all the years of schooling to help students meet the demands of schooling and their lives outside school. Student progress will be reported on at the end of each semester where students will be allocated the following grades using Department of Education expected standards:

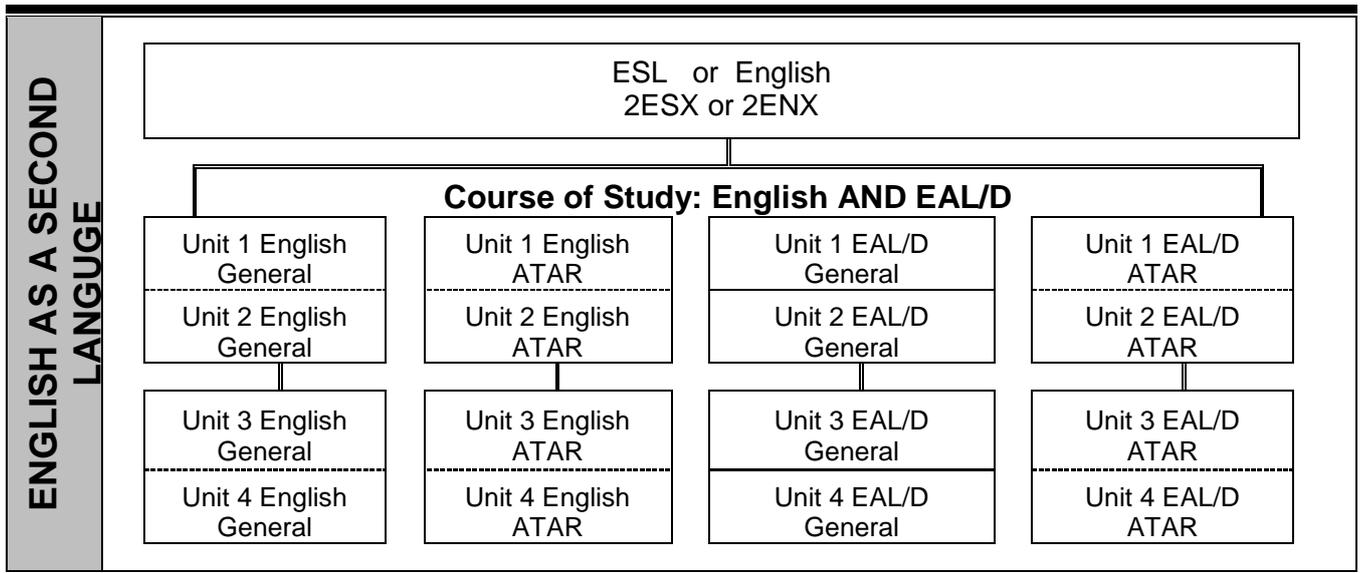
### GRADE DESCRIPTORS

- A Excellent** The student demonstrates achievement that has greatly exceeded the expected standard. Their achievement is well beyond what is expected at this year level.
- B Good** The student demonstrates achievement that exceeds the expected standard.
- C Satisfactory** The student demonstrates achievement at the expected standard. The Student is able to progress to the next level of learning.
- D Limited** The student demonstrates achievement below the expected standard. The student demonstrates a quality of learning that is adequate for progression but will still need additional support or assistance to progress.
- E Very Low** The student demonstrates achievement below the minimum acceptable for this year level.

Further information on the expected standard for Year 10 will be made available by the English department and the school administration.

Minimum Prerequisite in Year 10	Extra requirement	Year 11	Year 12
A Grade	Teacher Recommendation Outstanding result in Year 10 exam	Unit 1 & 2 ATAR Literature	Unit 3 & 4 ATAR Literature
A/B Grade	Teacher Recommendation Strong result in Year 10 exam	Unit 1 & 2 ATAR English	Unit 3 & 4 ATAR English
C Grade	Teacher Recommendation Satisfactory result in Year 10 exam	Unit 1 & 2 General English	Unit 3 & 4 General English
D Grade		Unit 1 & 2 General English	Unit 1 & 2 General English

## ENGLISH AS A SECOND LANGUAGE



### ENGLISH AS A SECOND LANGUAGE - 2ESLX

**Semester cost: \$22.00**

ESL English is a flexible program of instruction for language and literacy development, designed to assist students whose first language is not English. ESL classes are formed in Year 8, 9 and 10, as required. Newly arrived students are eligible for ESL studies during their first 3 years in Australia.

ESL education caters for those students who have recently arrived in Australia from a non-English speaking country or those who have recently exited from an Intensive English Centre (IEC). At each year level, students are encouraged to take advantage of ESL provision to improve and consolidate their English language and literacy skills. Being a competent user of English is essential for success at school.



ESL 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. In particular, ESL studies are designed to help students with basic aspects of English such as:

- pronunciation
- spelling
- vocabulary development
- grammar
- sentence construction
- paragraph organisation
- whole text construction

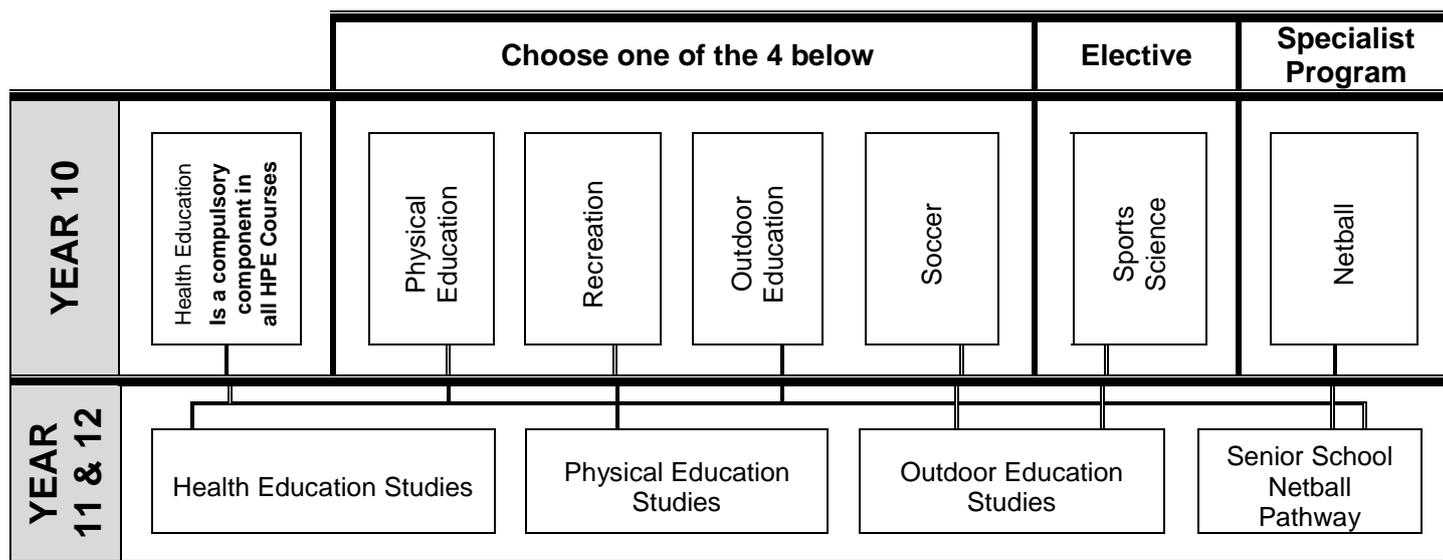
ESL classes are small and therefore, students are assisted individually to ensure improvement and develop confidence.

In Years 8 and 9, ESL 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 ESL/ESD progress maps in the four language modes: speaking, listening, reading/viewing and writing. All lower school ESL programs are designed to effectively prepare students for achieving their WACE through participation in the English as an Additional Language (EAL) Stage 1, 2, 3 units.

In Year 10, ESL students are involved in the **Oracy Australia** speaking program. In this program students prepare a small number of oral language tasks (e.g. talk accompanied by a power point presentation, role play and reading a passage) which are presented and assessed by a trained external Oracy Australia assessor. This helps to prepare students for upper-school EAL course units where all semester exams (and the EAL/D ATAR exam) contain an oral examination.

Finally, ESL classroom programs will assist learners to develop key cultural and social understandings by discussing, watching, reading and responding to a range of Australian fiction and non-fiction texts across a range of common school genres (e.g. persuasive and argumentative texts, documentary, report, journal writing etc).

## PATHWAYS OF STUDY HEALTH & PHYSICAL EDUCATION



### HEALTH AND PHYSICAL EDUCATION

#### Health Education - 3HEX

**Semester Cost: \$8.00**

This is a compulsory subject which all Year 10 students engage in for two one-hour sessions per week. Acquiring essential knowledge and developing skills necessary for healthy decision-making is the underlying focus of the Year 10 Health Education program. Content includes understanding different types of relationships, sexually transmitted infections, illicit drugs and their effects on individuals, families and the wider community. As part of the program students take part in the Keys for Life pre-driver education program aimed to develop positive road user attitudes in young people. An incentive of this program is that students start the Learner's Permit application process at school and redeem a Keys for Life school certificate for their Learner's Permit when they commence their driving lessons. The Year 10 Health Education program also aims to commence the preparation of students for the Year 11 ATAR Health (Units 1 and 2) and Year 11 General Health Education (Units 1 and 2) in Senior School.

#### Choose one of the following

#### General Physical Education – 3PEX

**Semester Cost: \$11.50**

The General Physical Education course builds on the knowledge and skills students have developed in year 7 to 9. Students will participate in a variety of sports including badminton, softball, beach volleyball, handball, gaelic and social dance. The primary focus of the Year 10 program is to develop students fitness, physical skills, communication and self-management skills through a game focused approach.

#### Outdoor Education - 3OEX

**Semester Cost: \$80.00**

Students selecting this elective will develop their snorkelling, bushwalking, camping, and roping skills. The physical pursuits will be combined with education on environmental and social issues that apply to safe practice, appreciation and ethics related to using outdoor environments. The course will include field trips and will involve out of school time. This course is year long, 2 periods per week and will prepare students for Outdoor Education in senior school. **This course has a minimum swimming requirement to ensure students can participate safely and successfully in this subject.**

### **Soccer Program - 3SOX**

**Semester Cost: \$45.00**

This class will be delivered by a specialist soccer coach. The program aims to develop personal and team skills through training, games and representing Melville SHS in competition. Skills and understandings will also be developed in coaching and umpiring. It is expected that students will be involved with the sport outside the school and already have a foundation level of skill development. Students will develop their knowledge of strategies, tactics and formations throughout the Year 10 Soccer Program. They may also engage in some coaching of local primary school students to further develop their communication and leadership skills and to share their knowledge with younger peers who are passionate about the game of soccer also. This program has a 'learning through gameplay' focus.

### **Recreation – 3SPRX**

**Semester Cost: \$55.00**

Students who select the Recreation elective will enjoy a mix of individual pursuits, social sports and recreational activities. There will be less of a competitive game-play focus in this class and rather a focus on experiencing individual and group-based recreational activities that enable students to learn new skills and expand their experiences in a range of community based recreational activities. This is a new elective and the course will include a number of the activities listed below; bocce, ten-pin bowling, lawn bowls, aqua aerobics, self defence, tennis, badminton, mountain bike riding, indoor climbing, ultimate frisbee, personal fitness, yoga and croquet. Some activities in this subject may be dependent on and subject to, the availability of staff (and outside service providers) with the required qualifications to deliver this unit.

### **Elective option IN ADDITION to Physical Education, Outdoor Education, Soccer or Social Pursuits and Recreation**

### **Sports Science - 3SSX**

**Semester Cost: \$25.00**

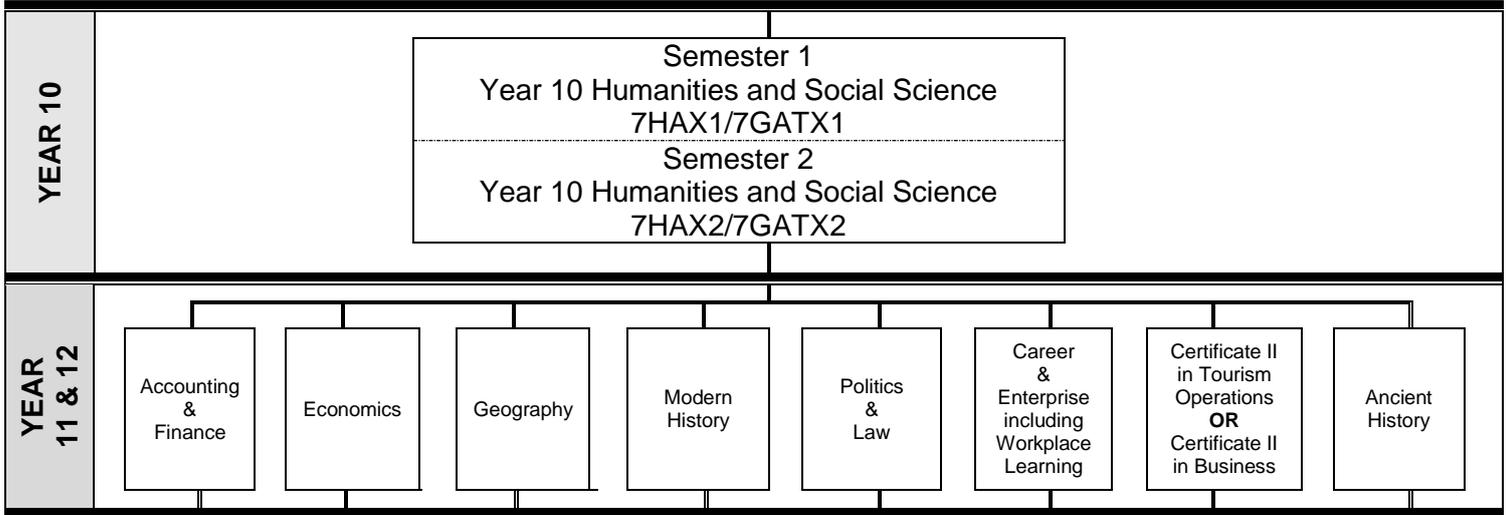
Students may elect to participate in the Sports Science elective in **ADDITION TO** General Physical Education or the Soccer Program or Outdoor Education or Social Pursuits and Recreation. This program is designed for students who intend to select ATAR Physical Education Studies in Year 11 and 12 - which is part of a course pathway for students seeking university entrance following the completion of their Year 12 ATAR studies program. The focus of this program is to introduce students to the main theoretical concepts contained in the Year 11 & 12 ATAR Physical Education Studies (PES) courses and includes topics such as; biomechanics, physiology, sports psychology, components of fitness, energy systems and anatomy - as they apply to sport and the improvement of sporting performance. The course involves a combination of theoretical and practical learning experiences. The course also aims to develop student's higher-level physical skills, movement patterns and knowledge of strategies and tactics to enhance performance in selected sports, which is an important part of the ATAR PES courses in senior school. This course is recommended for students who have a strong interest in sport and sports science and for those students who are interested in selecting the ATAR PE Studies course for study in Year 11 and 12.



# PATHWAYS OF STUDY

## HUMANITIES AND SOCIAL SCIENCE

**\*NOTE: Year 10 courses include Vocational Education studies.**



## HUMANITIES AND SOCIAL SCIENCES

### 7HAX1 AND 7HAX2

**Semester Cost: \$17.00**

The Year 10 Humanities and Social Sciences course moves beyond Australia to the international community where students will investigate unfamiliar contexts and reflect on Australia's role in our global community.

All Year 10 students will study the four major disciplines in Humanities: Geography, Economics and Business, Civics and Citizenship and History.

In Geography students will learn about environmental change and management and Geographies of Wellbeing. They will look at how the environment around them is changing and how they can reduce this change and the impact it has on their lives. Geographies of Wellbeing helps students see where in the world people have their needs and wants met and where they do not. They develop an understanding of how happiness and wellbeing are measured and how Australia sits within these indexes.

In Economics and Business Year 10 students will explore what are the indicators of economic success. Using these indicators they will compare Australia's economy with others around the world. They will look at how income is distributed around the world and how the government influences this distribution. They will then look at favourable and non-favourable economic conditions and ways businesses try and improve the economic conditions around them.

In History students will look at Australia's role in World War II and how this war impacted on Australia at the home front and the long term impacts on Australian identity. This will lead the exploration of the struggles of Australia's Aboriginal and Torres Strait Islander people to achieve basic human rights such as the right to an education and to be counted in the population census as an Australian citizen. They will develop an understanding of the ongoing struggles of Australia's first people and what is being done to reduce these problems.

In Civics and Citizenship students look at Australia's government and Australia's role as a global citizen, particularly in relation with our Asian neighbours. We discover who Australia trades with and the reasons why.

We then move back to Australia and explore Australia's form of democracy and criminal influences on our democracy. We develop an understanding of Australian law and our role as citizens in the creation and implementation of these laws.

Entry into Humanities and Social Sciences subjects in senior school will be influenced and affected by grades attained in lower school.

It is recommended that students be achieving 'B' Grades in Humanities and Social Sciences for entry into senior school courses, although students who are aiming for university entrance should be achieving 'B' Grades by the end of Year 10.



## PATHWAYS OF STUDY

### LANGUAGES

		ITALIAN	CHINESE			
<b>YEAR 10</b>	<div style="border: 1px solid black; padding: 10px; width: 100%;"> <p style="text-align: center;"><b>Italian</b> Year long course</p> </div>	<div style="border: 1px solid black; padding: 10px; width: 100%;"> <p style="text-align: center;"><b>Chinese CSX</b> Year long course</p> </div>	<div style="border: 1px solid black; padding: 10px; width: 100%;"> <p style="text-align: center;"><b>Chinese CBX</b> Year long course</p> </div>	<div style="border: 1px solid black; padding: 10px; width: 100%;"> <p style="text-align: center;"><b>Chinese CFX</b> Year long course</p> </div>		
<b>YEAR 11 &amp; 12</b>	<div style="border: 1px solid black; padding: 10px; width: 100%;"> <p style="text-align: center;"><b>Italian Second Language</b> Year 11 General Unit 1 &amp; 2</p> <p style="text-align: center;"><b>Italian Second Language</b> Year 12 General Unit 3 &amp; 4</p> <p style="text-align: center;"><b>Italian Second Language</b> Year 11 ATAR Unit 1 &amp; 2</p> <p style="text-align: center;"><b>Italian Second Language</b> Year 12 ATAR Unit 3 &amp; 4</p> </div>	<div style="border: 1px solid black; padding: 10px; width: 100%;"> <p style="text-align: center;"><b>Chinese Second Language</b> Year 11 - ATAR Unit 1 &amp; 2</p> <p style="text-align: center;"><b>Chinese Second Language</b> Year 12 - ATAR Unit 3 &amp; 4</p> <p style="text-align: center;"><b>Chinese Background Language</b> Year 11 - ATAR Unit 1 &amp; 2</p> <p style="text-align: center;"><b>Chinese Background Language</b> Year 12 - ATAR Unit 3 &amp; 4</p> <p style="text-align: center;"><b>Chinese First Language</b> Year 11 - ATAR Unit 1 &amp; 2</p> <p style="text-align: center;"><b>Chinese First Language</b> Year 12 - ATAR Unit 3 &amp; 4</p> <p style="text-align: center;"><b>General Chinese Second Language</b> Year 11 - Unit 1 &amp; 2</p> <p style="text-align: center;"><b>General Chinese Second Language</b> Year 12 - Unit 3 &amp; 4</p> </div>				

### Preparing for a global society

There are two languages offered to students at Melville Senior High School: Italian and Chinese. 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 that languages must be learnt at some stage in a student's educational journey. Today, knowing a language sets you apart from everyone else and gives you that edge in employment opportunities, travel experiences and general communication. Language empowers!

Learning a language is the best way to learn about cultures and societies other than our own and to help us see the world from another perspective. It also makes us go back to language basics, helping us 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 also provides excellent opportunities for those intending to pursue a career in the defence forces, hospitality, tourism, fashion, as a translator, editor or proof-reader, interpreter, teacher, language and engineering or in any field that requires the application of people skills and language.

**Are you ready for an Italian adventure?**

The focus for this course is **andiamo! (Travel - let's go!)**. Students will engage in activities associated with their own world, their personal identity, aspects of living in Italy and youth culture. They explore the ways in which learning Italian may be of benefit to them in relation to tourism and in dealing with Italian-speaking customers and colleagues in a workplace situation, and they explore the possibility of developing a language mentoring relationship with an Italian speaker in their community or abroad.

Students share information about travel, and what to consider when planning a trip. They look at Australia and specifically their local area as a destination for Italian-speaking travellers, and explore cultural exchanges/school trips to Italy. Such situations enable students to gain an understanding of what it means to live in Italy.

Through the study of a wide range of texts, students will gain insights into what it is to be a teenager in Italy as well as life in Italy. Music, TV, advertising, communication via emails, mobile phones and text messaging will be explored. This will broaden their understanding of what it is to be Italian and Italian speaking. The focus is on appropriately communicating within these contexts.

Students will also build on their developing language skills in order to share information about their space, i.e. where they spend their time and their 'free time'. They may begin with the more personal perspectives, for example home, the local neighbourhood, shopping and leisure and could continue by looking at part-time work commitments and work communications. Students will explore similar contexts in relation to Italian speaking communities. They will also explore activities and events associated with Italian communities, such as Italian sports, arts and entertainment. Students also learn more about Italy and in particular an Italian city, as well as exploring the language skills that will enable them to welcome Italians into their own country. There will also be the opportunity to be involved in the Italian Exchange program as well as incursions/excursions and proposed Italy tours.

**Learning contexts:** There are three contexts

<i>The Individual</i>	<i>The Italian-speaking Communities</i>	<i>The Changing World</i>
<ul style="list-style-type: none"> <li>• cultura pop</li> <li>• <i>parlare l'italiano</i> (speaking Italian)</li> <li>• <i>i preparativi di un viaggio.</i> (preparations for travel)</li> </ul>	<ul style="list-style-type: none"> <li>• <i>un rapporto con la comunità italiana</i> (relationships with the Italian community)</li> <li>• <i>destinazione – Italia.</i> (destination- Italy)</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Problemi e la gioventu</i></li> <li>• <i>destinazione – Australia</i> (destination – Australia)</li> <li>• <i>la tecnologia e il viaggio</i> (technology and travel)</li> <li>• Il mondo del lavoro</li> </ul>



**Chinese Second Language (4CSX)** is for students with no or limited Chinese literacy. (*Year 7, 8, 9, 10*)

### Unit 1 - 4CSX1

The focus is **teenagers**. 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, and popular culture. They begin to develop an understanding of what it is to be Chinese-speaking, and compare their own lives to those of others in Chinese-speaking communities.

### Unit 2 - 4CSX2

The focus is **Hobbies and my free time**. It is aimed at students who have basic knowledge of Chinese. They share information about and develop a sense of their own space and place. While developing the skills to travel within Chinese-speaking communities, students learn more about communities and their cultures and their sense of space and place.

### CHINESE Background Language (4CBX) *Year 7, 8, 9, 10*

Chinese Background Speakers Course is designed for students who have received a few years of formal education in a Chinese speaking country or area. Chinese Background Speakers Course is one of the tertiary entrance examination subjects in Western Australia.

### Unit 1 - 4CBX1 and 4CFX1

Covers the theme of the **Individual & the Community and Youth Culture**. Students will explore the following issues in their native language, Chinese.

- the role of the individual in today's society
- changing gender roles in today's society
- the role of family and marriage in contemporary society
- pressures on young people today
- the place of education in young people's lives
- the impact on young people of changes in traditional social values.

Students are given opportunities to develop skills in analysing Chinese literature and writing a variety of articles in Chinese.

### Unit 2 - 4CBX2 and 4CFX2

Covers the themes of **Chinese Communities Overseas and Global Issues**

Students will explore the following issues in their native language, Chinese.

- adapting to new cultures (education, leisure, lifestyle)
- the maintenance of Chinese cultural contexts
- economic growth and its impact
- environmental issues
- the impact of international influences on Chinese-speaking countries

Students are given opportunities to develop skills in analysing Chinese literature and writing a variety of articles in Chinese.



# PATHWAYS OF STUDY

## MATHEMATICS

<b>YEAR 10</b>	<p>Semester 1 Year 10 Maths 5MAX1/5GATX1</p> <hr/> <p>Semester 2 Year 10 Maths 5MAX2/5GATX2</p>
<b>YEAR 11 &amp; 12</b>	<p>There will be three ATAR courses of study</p> <ul style="list-style-type: none"><li>• Mathematics Applications</li><li>• Mathematics Methods</li><li>• Mathematics Specialist</li></ul> <p>High achieving students may be given the opportunity to study two of these courses (Methods and Specialist).</p> <p>There will be one non-ATAR (general) course</p> <ul style="list-style-type: none"><li>• Mathematics Essential</li></ul>

**MATHEMATICS - 5MAX**  
**MATHEMATICS - 5GATX**

**Semester Cost: \$12.00**  
**Semester Cost: \$17.00**

All Year 10 students will study mathematics for four hours per week. During this time students will work towards improving their grades in Number and Algebra, Measurement and Geometry and Statistics and Probability.

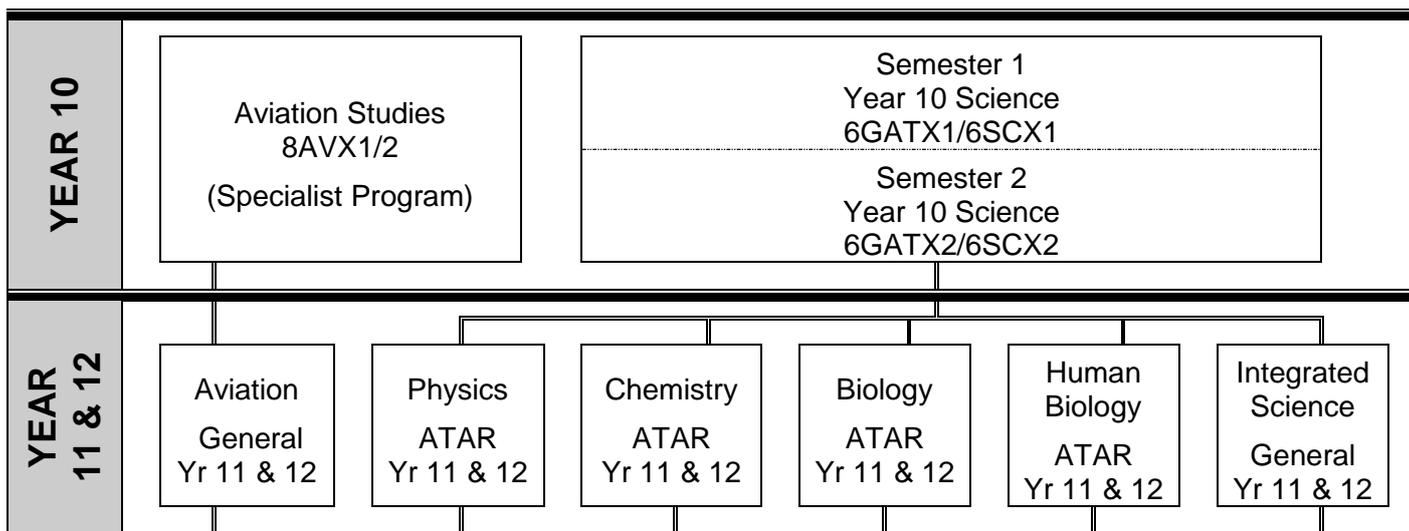
Allocation to the various classes will be based on performance during Year 9 and the grades achieved during this period. Some changes may be made to classes during the year in an attempt to have students of similar ability in the same class.

During the year the mathematics teachers will discuss with the students the various courses of study which will be offered to Year 11 students at Melville SHS and advise them of the courses they will be permitted to undertake.

Entry to a particular course will depend upon the grades achieved in Year 10



## PATHWAYS OF STUDY SCIENCE



### SCIENCE - 6SCX

**(Semester cost: \$17:00)**

For the start of Year 10, students will be placed into one of **three** science pathways.

The A Pathway is the most challenging and designed to prepare students for the rigours of ALL Year 11 ATAR science courses and is the only pathway for students to study Chemistry and Physics.

The B pathway prepares students for the two biological sciences courses on offer in Year 11.

The C pathway is a benign course designed to engage students not considering upper school science courses other than Integrated Science.



Students will be placed into pathways based on their overall performance in Year 9 Science and on parent/student request. It is important to have this organised by the end of Year 9.

During Year 10, A and B pathway students will cover the following conceptual areas:

- Physics, Chemistry and Biology

'C' Pathway students will cover the following conceptual areas:

- Physics, Biology, Chemistry, Astronomy, Earth Sciences and Forensics

These outcomes are interwoven with the process outcomes of Investigating Scientifically

Student achievement in Year 10 will determine ability to enrol in upper school courses.

'A' pathway students will need to achieve an A grade to be accepted into Year 11 ATAR Physics and Chemistry. A or B grade minimum is required for acceptance into Year 11 ATAR Human Biology and Biology.

Students from the C Pathway will not be eligible for entry into ATAR Science courses but a C grade will ensure their place in Year 11 General and Integrated Science.

### LINKS TO UPPER SCHOOL

Year 11 Unit	Year 10 Minimum Prerequisite
ATAR Physics	A grade in physical sciences units
ATAR Chemistry	A grade in chemical sciences units
ATAR Biology	A grade or high B grade biological sciences units or teacher recommendation
ATAR Human Biology	A grade or high B grade biological sciences units or teacher recommendation
General Integrated Science	C grade in science or teacher recommendation

# TECHNOLOGIES

This document reflects the multitude of Technologies subjects on offer at Melville Senior High School. This table 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 year 7 and 8 students are required to undertake studies in at least one Technologies and one Digital Technologies course in each year. In Years 9 and 10 students can select based on personal interest and aspiration.

Students in Year 10 will get 4 hours per week in Technologies Courses. These courses are packaged together for breadth and depth of study. For example a student who chooses Creative Computing will also get a semester in Technical Design, or a student who chooses Jewellery will get a semester in Materials & Design. These are packaged courses, one in each semester.

	Design & Technologies				Digital Technologies	
YEAR 10 Yearlong Course Packages	<b>Introduction to Workshop Trades (8TRX) &amp; Wood Technologies (8WWX)</b>	<b>Jewellery (8JWX) &amp; Materials &amp; Design (8MDX)</b>	<b>Socialising &amp; Entertaining with Foods 1 (8EFX1) &amp; Socialising &amp; Entertaining with Foods 2 (8EFX2)</b>	<b>Child Development (8CDX) &amp; Caring for Children (8CFX)</b>	<b>Creative Computing (8CCX) &amp; Computer Assisted Drawing (8CDX)</b>	
YEAR 11 & 12	<b>Certificate II in Engineering Pathways (11 &amp; 12, VET)</b>		<b>General Food Science &amp; Technology (11 &amp; 12)</b>		<b>ATAR Applied Information &amp; Technology (11 &amp; 12)</b>	<b>General Design – Technical Graphics (11 &amp; 12)</b>
	<b>General Materials Design &amp; Technologies – WOOD (11 &amp; 12)</b>		<b>General Children, Family &amp; Community (11 &amp; 12)</b>		<b>Certificate II in Information, Digital Media &amp; Technology (over 2 years, 11 &amp; 12)</b>	
	<b>General Building &amp; Construction (11 &amp; 12)</b>					
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.						



# 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.

Technologies Curriculum describes two distinct but related areas:

- **Design and Technologies**, in which students use design thinking and technologies to generate and produce solutions for authentic needs and opportunities
- **Digital Technologies**, in which students use computational thinking and information systems to define, design and implement solutions.

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.

Through the practical application of technologies including digital technologies, students develop dexterity and coordination through experiential activities.

## Design & Technologies

### Year Package: Introduction to Workshop Trades and Wood Technology

#### Introduction To Workshop Trades – 8TRX

If you have an interest in the trades, this elective is for you. Students will be shown how to weld and fabricate using gas, arc and MIG. You will learn to safely operate various metal working machines and portable hand tools. You will design and fabricate various unique projects. This subject is highly recommended to those students wishing to further develop these skills by completing technologies courses in Years 11 and 12.

**Pre-requisites:** Nil

**Semester Cost: \$80.00**



**AND**

#### Wood Technology – 8WWX

**Semester Cost: \$80.00**



Do you want to have the satisfaction of crafting something out of wood? Then, this elective is for you. Learn how to design and form objects from various types of timber. You will be taught the safe use of hand tools, power tools and machinery that enable you to make models with detail and the accuracy that you would expect from articles bought from retail outlets. You will apply the principles of design and use an assortment of materials in making a variety of models. These models can include: folding stools, turned bowls, books shelves, pendulum clocks and pieces of furniture. Emphasis is placed on encouraging you to be creative, developing good hand skills, and work safely in a workshop environment.

**Pre-requisites:** Nil

## Year Package: Jewellery and Materials & Design

### Materials & Design – 8MDX



In this elective you will be working individually or in small groups. You will apply the principles of design and use a range of metals in making a variety of models, which may include: toolboxes, pieces of jewellery, art metal designs and a variety of machined models.

You will use a variety of equipment, ranging from:

- welding with oxy-acetylene, arc & MIG
- sheet-metal fabrication
- metal turning
- use of hand and power tools

Emphasis is placed on encouraging you to be creative, developing good hand skills, and working safely in a workshop environment. This unit will lead to Metal Machining & Fabrication and General Workshop in Years 11 and 12.

**Pre-requisites:** Nil

**Semester Cost: \$80.00**

**AND**

### Jewellery – 8JWX

If you have an interest in working with precious metals to create exquisite jewellery pieces of your own design, then Jewellery is for you. Choosing the Year 9 Jewellery course will allow you to work with many different materials, allowing you to express yourself by creating innovative, fashionable jewellery pieces that will be the envy of all your friends. Learn various techniques for designing, shaping, manipulating various materials which you can take further to be a hobby or your own business. If you have an artistic flair or a designer's eye then Jewellery is an excellent way to explore your imagination and expand your creative thoughts

**Pre-requisites:** Nil



**Semester Cost: \$80:00**

---

## Year Package: Socialising & entertaining with Food (1 & 2)

### Socialising & Entertaining with Foods (1&2) – 8EFX

In this course, students develop their interest and skills through the production of food-related tasks and consider various reasons for eating food. They explore aspects of Australia's food patterns and the impact of indigenous and multicultural influences. Food variety and diversity is explored, including current food fashions, trends and related issues. During the production phases students will be responsible for planning menu items in a variety of contexts. Food preparation and presentation techniques will be explored and developed, together with a knowledge of the sensory and physical properties of foods. This subject provides invaluable foundation for students who are considering enrolling in Food, Science and Technology in Year 11 and 12.

**Pre-requisites:** Nil



**Semester Cost: \$200.00**

## Year Package: Child Development and Caring for Children

### Child Development – 8CDX1

**Semester Cost: \$100.00**

Understanding human development is both interesting and essential for developing positive relationships throughout our lifetime. Parents, family members, child care workers, nurses and teachers are all involved in taking care of babies and children at some stage of their lives.

**Pre-requisites:** Nil

**AND**

### Caring for Children – 8CFX2

**Semester Cost: \$100.00**

Pregnancy, development, health, parenting skills, feeding and clothing babies and toddlers, play activities, baby sitting and future employment opportunities are just some of the the topics that are explored in this course. Students apply the learning undertaken in semester one in a variety of practical situations and activities. This course package provides a solid foundation for students planning to enrol in Children, Family and Community course of study in senior school.

**Pre-requisites:** Nil

---

## Digital Technologies

**Year Packages:** Creative Computing + Computer Assisted Drawing (CAD)

### Computer Assisted Drawing (CAD) – 8CDX

**Semester Cost: \$40.00**

The Year 10 course allows students the opportunity to develop CAD drawing skills and sees the introduction of real world issues into the program. In the Technical Graphics course you will learn to communicate your ideas through:

- CAD (Computer Assisted Drawing) – use the latest 2D and 3D CAD software, both 2D and 3D (Real CAD) to create drawings quickly and accurately
- Pictorial sketching techniques – these include isometric, oblique and perspective
- Orthogonal projection/ 3D modelling
- Create house plans
- Create interior designs
- Draw mechanical components
- Create architectural pictorial drawings of buildings, house interiors and many other projects

You will also learn rendering techniques that will enhance your drawings. The course is designed to give you an insight into what is offered at TAFE and universities and an insight to the workings of an architectural or design office.

Having a thorough working knowledge of CAD software will enhance performance in practical trades beyond school and in materials based courses in Year 11 and 12.

**Pre-requisites:** Nil

**AND**

### Creative Computing – 8CCX

**Semester Cost: \$20.00**

This course will allow you to develop your own creativity in the context of technology using computational thinking with the aid of Arduino's, Makey Makey's, Robots, online resources and investigating the process of website or game development using programming and scripting language.

This course will prepare you for senior school Applied Information Technology or Certificate III in Information and Digital Media Technologies and develop yourself as a creative professional in the computing, media and arts industries.

**Pre-requisites:** Nil

