

MARSDEN HIGH SCHOOL

STAGE 5

ELECTIVE SUBJECT SELECTION GUIDE YEAR 9 2025

Contents

Welcome to Stage 5	4
Principal's message	4
Study pattern for Stage 5 - Years 9 and 10	4
2024 Timeline	5
How to use this guide	6
Deciding which subjects to choose	6
Procedure for selecting courses	6
Instructions for Selecting Subjects	7
Subject Availability	
Changing Your Selections	
Subject Contributions	8
Course Acceleration	
An academic journey towards the RoSA and the HSC	10
Child Studies	11
Chinese	11
Commerce	12
Computer Technology	12
Dance	13
Drama	13
Elective History	14
Fashion and Textiles	14
Food Technology	15
Industrial Technology – Building and Construction	15
Industrial Technology – Engineering	16
Industrial Technology – Multimedia	
Industrial Technology – Timber	
Japanese	17
Korean	18
Mathematics Accelerated	18
Music	
Photography and Digital Media	
Physical Activity and Sports Studies (PASS)	
Robotics and Digital Design	20
Visual Arts	21

Welcome to Stage 5

This booklet is designed to provide parents and students with an overview of the courses offered for study during Stage 5 (Years 9 and 10) at Marsden High School. In particular, the booklet is a guide for the selection of elective courses for 2025. Major content areas, assessment and Record of School Achievement (RoSA) information have been included. Parents and students are encouraged to talk to the teachers and head teachers of the courses, or the Careers Adviser, should they require clarification of any details relating to a particular course.

Principal's message

Dear parents, carers, and students,

Stage 5 is an exciting time for students as they begin an individualised journey toward their chosen educational andvocational paths. The curriculum of secondary school is structured to allow for greater choice as a student progresses from one stage of education to the next.

Marsden High School offers a wide range of elective subjects. We aim to cater for individual needs, talents and interests through the study of relevant and meaningful courses. Current Year 8 students can select three elective subjects to study throughout Year 9 and Year 10.

Students should take care to choose carefully and take advantage of the opportunities offered at Marsden High School; selecting elective subjects they are interested in and will enjoy studying. The Stage 5 curriculum will providestudents with a solid foundation for their continued studies in the senior school.

As students move into the next stage of their secondary education, it is very important they recognise that the work and study habits they develop over the next two years, will be significant factors in their future success as a student, worker and member of the community.

I hope the next two years of study will be challenging and rewarding for students and provide them with a strong sense of personal satisfaction and achievement. I wish you well with this important process, and please contact the school with any questions.

Mr Steve Smith
Relieving Principal

Study pattern for Stage 5 - Years 9 and 10

Students entering Stage 5 of their schooling are beginning a two-year course of study which leads to the award of the Record of School Achievement (RoSA). Students will undertake a combination of core (compulsory) subjects and three elective subjects in Stage 5.

Compulsory courses	Three elective subjects	Compulsory school sport (Tuesdays)
English or EAL/D	Elective (Line 1)	Inter School Competition - Grade Sport
Mathematics - 5.3, 5.2 or 5.1	Elective (Line 2)	School Organised - Social Sport
Science	Elective (Line 3)	
HSIE - History and Geography		
PDHPE		

Stage 5 Learning Leadership Team - to help you achieve your RoSA in 2025:

- Year Adviser Ms Doan
- Careers Adviser Mr Lustica
- Head Teacher Learning & Support Ms Blasutto
- Head Teacher Wellbeing Ms Rizk
- International Student Coordinator Ms Mo
- Deputy Principal Mr Wilson

2024 Timeline

Wednesday 22 May

Elective Subject Selection Information Released

Û

Students consult with families and teachers regarding appropriate course choices

Û

Thursday 23 May

Edval opens at 5:00pm to make choices

Û

Thursday 6 June

Edval closes at 5:00pm

Û

Friday 7 June

Student's Elective Subject Selection form, signed by parent/carer, due to Year Adviser – Ms Doan (Science Staffroom)

Û

School determines which courses will be viable for 2025 based on student preferences

Д

Edval computer program determines "best fit" for curriculum line structure for 2025

Û

If clashes occur for students, Careers Adviser supports each student to reselect their courses from curriculum lines offered

Û

TERM 3 and 4

School timetable constructed

How to use this guide

This guide provides a summary of the key information about each elective subject on offer for Year 9 2025.

Use this as a starting point to help you think about which electives you might be interested in. You can find out more by talking to teachers, advisers and others. You can also go to the Marsden Subject Selection Online Guide to see more information, including photos, videos etc.

Syllabus information on elective subjects can also be found on the NESA (NSW Education Standards Authority) website: https://www.educationstandards.nsw.edu.au/wps/portal/nesa/k-10/years/stage-5

Deciding which subjects to choose

All students should consider their choices very carefully as elective courses are studied over 2 years, with five periods per cycle (fortnight) per elective. Whilst there is a limited capacity to change subjects in Term 1 of Year 9, it is dependent on a number of factors, including the availability of places in other subjects timetabled at the same time.

Students should seek out information on the content and nature of courses and talk to as many people as possible – parents, teachers, older students who have done or are doing the electives, family, Careers Adviser, Year Adviser andothers.

Your choice of subjects should be influenced by:

- Your abilities choose subjects in which you are capable of doing well
- Your interests choose subjects that interest you
- Your motivation choose subjects that align with your goals.

Procedure for selecting courses

Course selections are done online through the Edval system. Students will need to submit five elective choices, in order of preference, **before 5pm**, **Thursday 6 June 2024.** Please consider the order of your selections carefully, particularly your reserve subjects, as you are not guaranteed your first 3 choices and not all subjects are guaranteed to proceed as the process is driven by student interest.

Also, please be aware that you do not need to make your choices quickly in order to increase the chances of getting yourtop preferences. It is not a 'first in' system. As long as your preferences are submitted by the due date, all selections are treated equally.

Once students have submitted their selection online, they need to print the Elective Subject Selection form and return it, signed by the student and parent/carer to Ms Doan by Friday 7 June .

Instructions for Selecting Subjects

1. Go to your Marsden-hs email, find the relevant email about subject selections and open it up. The email will looklike this one:

Dear Year 8 student,

Please follow the steps below to submit your subject selections for 2025.

STEP 1: Click: https://my.edval.education/login

STEP 2: Enter the web-code: (that you will be provided with soon)

STEP 3: Select the subjects you want from the online drop-downs, in order of your preference.

STEP 4: Click [Submit] to register your preferences.

Online subject selections will open at **5pm on Thursday 23 May** and will close at **5pm on Thursday 6 June**

Remember to print your Subject Selection Form and return it to Ms Doan in the Science Staffroom by **Friday 7 June 2024**

- 2. Click on the Edval subject selection link in the email
- 3. This is where you must enter your elective choices. There are drop-down menu boxes for all of the windows.
- 4. Once satisfied with your elective choices print them out and ask your parent or guardian to sign the sheet.
- 5. Return the form to Ms Doan in the Science staffroom by Friday 7 June.

Subject Availability

While we intend to offer the widest possible range of courses, students and parents should be aware that it may not be possible to run certain courses if too few students select them. Depending upon individual student choices, the school will create a Year 9 curriculum structure that suits the greatest number of students. Students will be placed into three subjects a result of this process, based on their preferences.

Please note that course clashes may occasionally occur when building the timetable. It is a complex puzzle and, unfortunately, not all students can have all of their subject choices accommodated. Therefore, please consider yournominated reserve subjects carefully, in case these need to be included in your program.

If required, there will be follow up interviews with students (especially if there are clashes and some courses do not run). This process ensures that Marsden High School can offer curriculum options that reflect student needs.

Changing Your Selections

Students in Year 9 may find that their choice of elective courses is not appropriate after beginning a course. In general, course changes for Year 9 will be allowed in Term 1. Students may apply to the Deputy Principal to change a course by completing a "Change of Curriculum Pattern" pink form from their parent/carer. Every effort will be made to satisfy these requests however, the decision will depend on the availability of places and the commitment of the student to complete any additional work assigned, in order to meet the minimum requirements for that course.

Students must also meet with the Careers Adviser to ensure they still meet RoSA requirements. Requests for change willnot be granted if they render the student ineligible to complete the Stage 5 RoSA requirements.

Subject Contributions

Each course offered in this booklet is listed below to indicate the course contribution. The school seeks your support in contributing to the costs of some materials used and consumed by students during their studies for items required that are not provided by the Department of Education. The payments will assist the school in providing additional benefits to students. While every attempt is made to keep such contributions to a minimum, they are required to be paid if a student is to participate fully in the subject. Students generally get to keep the products that they make from these consumable items. Arrangements can be made to pay in instalments. Please note that not all courses charge a contribution. If you have any concerns about the details of this information, please discuss with the Principal.

Subject	Cost per year	Additional Information
Child Studies	\$0	Additional cost for excursion expenses where relevant.
Chinese	\$30	Contributions are used to provide Student Workbooks and ICT program costs. Additional costs for Chinese/English dictionary (recommended) and excursion expenses where relevant.
Commerce	\$0	Additional cost for excursion expenses where relevant.
Computer Technology	\$60	Contributions are used for the purchase of resources and software required for student learning.
Dance	\$50	Contributions are used for the purchase of resources and equipment for training and performances. Additional cost for excursion expenses where relevant.
Drama	\$40	Contributions are used for the purchase of consumables, resources and materials required for the production of student projects. Additional cost for excursion expenses where relevant.
Elective History	\$0	Additional cost for excursion expenses where relevant.
Fashion and Textiles	\$60	Contributions are used for the purchase of consumables and resources required for the production of student projects. Students will need to supply their own fabrics and patterns for each project. Additional costs for excursion expenses where relevant
Food Technology	\$100	Contributions are used for the purchase of consumables, resources and materials required for the production of student projects. Additional cost for excursion expenses where relevant.
Industrial Technology - Building & Construction	\$50	Contributions are used for the purchase of consumables, resources and materials required for the production of student projects. Additional cost for excursion expenses where relevant.
Industrial Technology - Engineering	\$55	Contributions are used for the purchase of consumables, resources and materials required for the production of student projects. Additional cost for excursion expenses where relevant.
Industrial Technology - Multimedia	\$50	Contributions are used for the purchase of consumables, resources and materials required for the production of student projects. Additional cost for excursion expenses where relevant.
Industrial Technology -Timber	\$50	Contributions are used for the purchase of consumables, resources and materials required for the production of student projects. Additional cost for excursion expenses where relevant.

Japanese	\$30	Contributions are used to provide Student Workbooks and ICT program costs. Additional costs for Japanese/English dictionary (recommended) and excursion expenses where relevant.
Korean	\$30	Contributions are used to provide Student Workbooks and ICT program costs. Additional costs for Korean/English dictionary (recommended) and excursion expenses where relevant.
Mathematics Accelerated	\$0	Additional costs for mathematics competitions, calculator, grid exercise book, geometry equipment, mathematics template and excursion expenses where relevant.
Music	\$25	Contributions are used to provide Elective Music consumables. Additional cost for excursion expenses where relevant
Photography and Digital Media	\$75	Contributions are used for the purchase of consumables. Additionalcost for excursion expenses where relevant.
Physical Activity & SportsStudies (PASS)	\$40	Contributions are used for the purchase of minor expenses for project-based learning. Additional cost for excursion expenses where relevant, including a surf excursion and an optional snow excursion.
Robotics and Digital Design	\$55	Contributions are used for the purchase of consumables, resources and materials required for the production of student projects. Additional cost for excursion expenses where relevant. Students are expected to participate in fundraising activities to assist with purchase of robotics equipment.
Visual Arts	\$50	Contributions are used to assist in the purchase of paint, paper, clay, equipment, and sculpture materials. Additional cost for excursion expenses where relevant.

Course Acceleration

Marsden offers a single course acceleration in Mathematics as an elective option for Years 9 and 10. This means that selected students can begin a Stage 6 or HSC course instead of a traditional Stage 5 elective. Students complete the Year 11 course in Year 10 and the Year 12 course in Year 11. They receive HSC credit for their outcomes and completion can count towards their ATAR. Single course acceleration provides students with an opportunity to study an extra subject for the HSC or finish a HSC subject in Year 11. Students will still be required to study 12 units in Year 11 and a minimum of 10 units in Year 12.[]']

Currently students wishing to undertake the Mathematics Accelerated course must complete a comprehensive selection process undertaken by the Head Teacher Maths in consultation with the Principal. They must be aware that participation in the accelerated program will require attendance of lessons outside of traditional class times (Period 0 or Period 6) and students will also need to work in their own time to meet the demands of a Year 11/HSC Course.

Students will still be required to take two other elective courses as well.

If you have been offered a place in the Maths Accelerated course and you wish to select it as one of your choices, please select it as your **Choice 1** subject.

An academic journey towards the RoSA and the HSC

Record of School Achievement (RoSA) - Credentialing for Stage 5 (Years 9 and 10) and onwards:

Years 9 and 10 are very important years that provide the grounding for senior studies. As such, students will be expected to complete assessment tasks and work diligently in all of their courses. A student's results accumulate as all school assessments and class work count towards their final grades when they leave school. Therefore, it is very important that students apply themselves to all aspects of their school work from the very beginning of the year. If a student doesn't complete set work, including assessment tasks, this will affect their results and could prevent them from moving through to Stage 6 studies.

Assessment and RoSA

Assessment information and procedures are published at the beginning of each school year. School assessment results in Year 10 are used along with NESA Course Performance Descriptors to assign a grade for each student in each course for their RoSA. These grades are submitted to NESA in November of Year 10.

Satisfactory completion of course requirements - Year 10 RoSA eligibility

Students entering Year 9 in 2025 are eligible for the NESA RoSA credential when they satisfactorily complete Stage 5 at the end of Year 10 2026. Satisfactory completion of a course depends upon a student's attendance, level of effort and participation in class activities, the completion of assessments and the level of achievement (a serious attempt).

Credential for students with special education needs - Students with special education needs are eligible to receive a RoSA by entering for a special program of study. Each student undertaking Life Skills courses in Years 9 & 10 has an individual plan that determines their educational priorities.

School and class attendance

The Stage 5 years of schooling provide a foundation of skills and knowledge for many of the HSC courses. *Research shows an attendance rate above 93% is required to not fall behind at school.* Therefore, regular class attendance is essential for effective learning, as well as to ensure satisfactory completion of courses. The Principal may grant leave to a student for legitimate reasons such as illness or injury. If leave is granted, then the absence will have no effect on course completion, provided that all assessment tasks and missed work are completed. However, an extensive period of unapproved absence, where coursework and assessments have not been completed to the required standard, may result in a student being declared as not meeting the requirements for the completion of Stage 5 and ineligible to proceed into Stage 6. This includes deliberate truancy from class and/or school.

Work Health and Safety

In addition to Marsden High School's Positive Behaviour for Learning (PB4L) expectations, some subjects will have further Health & Safety requirements. These regulations must be adhered to by all, to ensure a productive and safe learning environment for all participants. Students may be removed from courses if they are unable to comply with WHS requirements.

School Leaving Age

Students must stay at school until they complete Year 10. A participation phase then applies until the student reaches the age of 17.

There are a number of options for the participation phase. They could be:

- continued education at secondary school in order to complete Year 12 studies
- undertaking of a full-time training course at TAFE NSW
- undertaking of an apprenticeship or traineeship
- enrolment in a training course with a private training organisation, or in some cases a combination of the above
- undertaking full time employment of 25 hours per week or more.

Students who, after completing Year 10, decide to leave school before completing Year 12 and the Higher SchoolCertificate, will receive a RoSA.

Child Studies

What is Child Studies about?

Child Studies will assist students to understand the

significant impact of the child's environment and the role that the child and others can take in the active construction of this environment.

What will you learn?

Year 9 Topics:

- *Preparing for parenthood
- *Newborn care
- *Play and the developing child
- *Food and nutrition in childhood

Year 10 Topics:

- *Health and safety in childhood
- *Childcare services and career opportunities
- *Media and technology in childhood
- *Parenting around the world

How will you learn?

Short videos, Google sites, practical activities

How will you be assessed?

Practical assessment tasks and written research assignments.

Pathways: This course will link to the following courses in Year 11 and 12: Community and Family Studies, PDHPE

What does this course cost? - \$0 and excursion costs where relevant.

Chinese

What is Chinese about?

A focus on the Chinese language - through learning languages, students develop an intercultural capability and an understanding of the role of language and culture in communication, and become more accepting of diversity and difference.

What will you learn?

The components of this course are: Speaking, Listening, Reading and Writing. Some units of work to be covered are: Family, Shopping, Likes and dislikes, Sports, Daily routine, School life, Transport and directions, Holidays, Making arrangements.

How will you learn?

This course provides students with the opportunity to gain effective skills in communicating in the Chinese language, to explore the relationship between Chinese and English, and to develop an understanding of the cultures associated with the Chinese language.

How will you be assessed?

Students will be assessed in tests, assignments and classroom activities that develop students' Listening and Responding, Reading and Responding, Speaking and Writing skills. Cultural understandings, systems of the Chinese language and language learning strategies will be embedded in the course and assessments. Students will also do cultural projects.

Pathways: This course will link to the following course in Year 11 and 12: Chinese Continuers.

What does this course cost? - \$30 Additional costs for Chinese/English dictionary (recommended) and excursion costs where relevant.

Commerce

What is Commerce about?

Commerce examines how people earn their income, how they spend their money and how and what goods and services are produced.

What will you learn?

You will investigate the ways in which governments and laws influence business. Commerce develops in students the ability to research information, apply problem-solving strategies and evaluate options in order to make informed and responsible decisions as individuals and as part of the community.

Topics include: Consumer and Financial Decisions, The Economic and Business Environment, Employment and Work Futures.

How will you learn?

Skills developed during the course include:

- Effective and efficient research
- Communication
- Integrated computer technology
- Financial managements skills

How will you be assessed?

Assessments and exams

Pathways: This course will link to the following courses in Year 11 and 12: Business Studies, VET Business Studies, Legal Studies, VET Retail, Economics, Society and Culture

What does this course cost? - \$0 and excursion costs where relevant.

Computer Technology

What is Information & Software Technologies?

Students will gain specialised knowledge of past, current and emerging technologies.

What will you learn?

Year 9 Topics: Digital Media, Artificial Intelligence and simulation, Software development and programming, Network systems.

Year 10 Topics: Robotics, database design, Internet and website, multimedia

How will you learn?

- By keeping pace with the ever-changing world of technology using a Project Based Learning approach
- Using software packages that include word processing, spreadsheets, databases and web development applications
- Gaining skills that will be transferable from one computer program to another
- Having a go at programming using Python/HTML

How will you be assessed?

Real life application projects and research assignments

Pathways: This course will link to the following courses in Year 11 and 12: Software Design and Development (SDD) and Multimedia.

What does this course cost? - \$60 and excursion costs where relevant.

Dance

What is Dance about?

Dance is a distinct form of nonverbal communication that uses the body as an instrument of expression, articulating the culture and society from which it emerges.

What will you learn?

In Dance elective, students explore three components; Performance, Composition (creating) and Appreciation (written analysis).

Students explore safe dance practice, creating dances, history of dance and popular dance (contemporary & jazz), deconstructing dance technique, dance analysis, constructing a composition work and dance on film.

How will you learn?

The basis of the study of dance as an art form centres on the three practices of performance, composition and appreciation of dance as works of art. Students will be expected to physically and orally demonstrate their knowledge and skills in practical and theoretical settings as equal emphasis is placed on the processes of experience and end products. Students learn both movement principles and stylised techniques, and they learn through both problem-solving and guided teaching to enhance creativity and improve their dance technique.

How will you be assessed?

Students will be assessed on practical performance-based assessments, including performance, composition, and through written analysis (appreciation).

Pathways: This course will link to the following courses in Year 11 and 12: Dance, PDHPE

What does this course cost? - \$50 and excursion costs where relevant.

Drama

What is Drama about?

Elective Drama in Years 9 and 10 is a practical and creative subject with a focus on performance. It encompasses a broad range of dramatic activities, encouraging self- confidence, expression and creativity.

What will you learn?

Students learn individual and ensemble performance skills as well as gaining confidence in front of an audience. Students also learn about theatre history and its place in the world. They will explore different performance styles and forms, as well as theatre design elements – lighting, stage and costume. Studying Drama is not about becoming an actor, or for a career in the theatre (although they are certainly options!) it is about learning skills you can use in life!

How will you learn?

Drama workshops are mostly practical, with a focus on group work, as well as journal and research writing. Some skills developed during the course:

- Drama will build your self-confidence/self-esteem.
- Drama gives you the skills you need to work with other people.
- Drama teaches you to think CREATIVELY and critically.
- You will learn to use the most important tools: your body and your voice; to present your thoughts and ideas to an audience.
- Technical theatre techniques

How will you be assessed?

You will be assigned group and individual performance based projects, as well as journal and research assessments.

Pathways: This course will link to the following courses in Year 11 and 12: Drama. The skills taught in drama can help you in ALL your other subjects.

What does this course cost? - \$40 and excursion costs where relevant.

Elective History

What is Elective History about?

The aim of Elective History is to enable students to acquire the historical skills, knowledge and understanding, and values and attitudes essential to an appreciation of the past and to prepare students for informed and active citizenship in a changing world.

What will you learn?

Year 9 Topics: Exciting topics may include (But are not limited to): Archaeology (Indiana Jones style), History Mysteries, History meets Hollywood, Titanic, Games of Thrones, Video Games and History

Year 10 Topics: Outrageous Leaders, Tomb Raiders, Dead Men Tell Tales, Myths and Legends, Ancient Warriors and Warfare, Crime, Law and Punishment, The Man in the Iron Mask.

How will you learn?

The course is taught through a mix of group work, project-based learning, teacher-directed learning and ICT. There is the opportunity to participate in excursions where relevant. Past excursions have included Melbourne, Tasmania and Italy.

How will you be assessed?

Most assessments are group assessments, and there are many opportunities for creative responses to tasks including a range of ICT and performative options.

Pathways: This course will link to the following courses in Year 11 and 12: Modern History; Ancient History; History Extension

What does this course cost? - \$0 and excursion costs where relevant.

Fashion and Textiles

What is Fashion and Design about?

The course involves learning about the textile and fashion industries. Students will experiment with a range of techniques using a variety of fabrics and designs while developing an understanding of fibres. Student s will create practical textile projects and learn about the fashion industry.

What will you learn?

Hands on textile skills in designing, planning and manufacturing processes related to the textile and fashion industries, as well as the significance of different cultures and their influence on textiles.

How will you learn?

Students will develop an understanding of the textiles and fashion industries. They will develop practical hands on skills in designing, planning and manufacturing textile projects as well as the significance of fashion, fashion designers, different textiles cultures and their influence on textiles.

How will you be assessed?

- Submission of a written portfolio
- Theory assignments
- Practical textile projects

Pathways: This course will link to the following courses in Year 11 and 12: Textiles Technology, Design and Technology; and prepare students for a career as a textile designer and fashion designer.

What does this course cost? - \$60 and excursion costs where relevant.

Food Technology

What is food Technology about?

This course focuses on the study of domestic, commercial and industrial applications of Food Technologies.

What will you learn?

- Food Preparation and Processing
- Nutrition
- Food In Australia
- Food For Special Occasions
- Food Equity
- Food Trends

How will you learn?

Students will be learning through practical experiences with industry standard tools and materials. Students will work individually or as a team to create recipes such as gourmet hamburgers, sushi, chocolate fudge slice, omelettes, butter chicken, muffins and kebabs.

How will you be assessed

Practical tasks will allow for you to demonstrate your knowledge of safety practices, recipe formulation and implementation, food presentation and styling.

Pathways: This course is designed to prepare students for HSC Food Technology; VET Hospitality Commercial Cookery; VET Hospitality Food and Beverages; transition into Hospitality Industry

What does this course cost? - \$100 and excursion costs where relevant.

Industrial Technology – Building and Construction

What is Industrial Technology - Building & Construction?

This course provides opportunities for students to develop knowledge, understanding and skills in relation to the building and associated industries.

What will you learn?

- Working in a team environment and being an independent worker
- Work Health and Safety in the Construction Industry
- Interpret workshop and construction plans
- Safe use of hand and power tools in the development and production of projects
- Applications of hardwoods, softwoods, manufactured boards and recycled materials.

How will you learn?

Students will be learning through practical experiences with industry standard tools, machines and materials. Students work individually or as a team to construct outdoor and indoor projects with each unit being completed with a Learning Portfolio.

How will you be assessed?

- A willingness to work in teams and teamwork
- Outdoor and indoor construction of practical projects
- Portfolio booklets
- Computer Aided Drawings

Pathways: This course is designed to prepare students for HSC VET Construction Pathways Certificate II, transition into Apprenticeship or Construction Industry and White Card Training

What does this course cost? - \$50 and excursion costs where relevant.

Industrial Technology – Engineering

What is Industrial Technology - Engineering?

This practical subject allows students to explore the many areas of Engineering, Science, Technology and Mathematics through workshop experiences.

What will you learn?

- Working in a team environment
- Working with CAD modelling software
- Capabilities using rapid prototyping technologies such as the laser cutter and 3d printers
- How to use design principles to engineer complex structures such as a Co2 race car, bottle rocket, catapult, balsa wood tower, balsa wood plane and solar car.
- Safe use of hand and power tools, properties of materials, structures and forces in the development of projects.

How will you learn?

Students will learn the fundamental concepts of Engineering through hands on experiences in designing and making in a workshop environment.

How will you be assessed?

The students will be assessed on the production of several practical projects and a portfolio documenting their design and progress as an individual and as a group.

Pathways: This course will link to the following courses in Year 11 and 12: Design & Technology, Engineering Studies.

What does this course cost? - \$55 and excursion costs where relevant.

Industrial Technology - Multimedia

What is Industrial Technology - Multimedia?

Multimedia provides opportunities for students to develop knowledge, understanding and skills in relation to multimedia and associated industries.

What will you learn?

- Working in a team environment and being an independent worker
- · Photo editing and logo design
- Film editing
- Website design and coding
- Principles of design

How will you learn?

Students will be learning through predominantly practical experiences with industry standard programs and equipment. Students will work individually or as a team to design and create films, advertising posters and animations in a project-based environment.

How will you be assessed?

- Willingness to work in teams and teamwork
- Quality of design within projects
- Quality and range of techniques within projects
- Learning Portfolio

Pathways: This course will link to the following courses in Year 11 and 12: Industrial Technology - Multimedia, Software Design and Development (SDD)

What does this course cost? - \$50 and excursion costs where relevant.

Industrial Technology – Timber

What is Industrial Technology - Timber?

It is a practical based subject which is centred on the timber industry and associated products.

What will you learn?

- Working in a team environment and being an independent worker
- Work Health & Safety, risk assessment
- Design and Computer Aided Drawing
- Hand tools and power tools
- Working with natural timbers and manufactured boards
- Cabinet making and wood machining
- Laser cutting

How will you learn?

Students will be learning through practical experiences with tools, machines and materials in a workshop environment building practical projects based on industry standards.

How will you be assessed?

- Submission of a project portfolio
- Computer Aided Drawings
- Practical timber projects

Pathways: This course is designed to prepare students for HSC Subject Timber Technologies and Furniture Technologies; Apprenticeships, Industrial Designer

What does this course cost? - \$50 and excursion costs where relevant

Japanese

What is Japanese about?

A focus on the Japanese language - through learning languages, students develop an intercultural capability and an understanding of the role of language and culture in communication, and become more accepting of diversity and difference.

What will you learn?

The components of this course are: Speaking, Listening, Reading and Writing

Some units of work to be covered are:

Family, Shopping, Likes and dislikes, Sports, Daily routine, School life, Transport and directions, Holidays, Making arrangements.

How will you learn?

This course provides students with the opportunity to gain effective skills in communicating in the Japanese language, to explore the relationship between Japanese and English, and to develop an understanding of the cultures associated with the Japanese language.

How will you be assessed?

Students will be assessed in tests, assignments and classroom activities that develop students' Listening and Responding, Reading and Responding, Speaking and Writing skills. Cultural understandings, systems of the Japanese language and language learning strategies will be embedded in the course and assessments. Students will also do cultural research projects.

Pathways: This course will link to the following course in Year 11 and 12: Japanese Continuers.

What does this course cost? - \$30 Additional costs for Japanese/English dictionary (recommended) and excursion costs where relevant.

Korean

What is Korean all about?

A focus on the Korean language - through learning languages, students develop an intercultural capability and an understanding of the role of language and culture in communication and become more accepting of diversity and difference.

What will you learn?

The components of this course are: Speaking, Listening, Reading and Writing

Some units of work to be covered are: Family, Shopping, Likes and dislikes, Sports, Daily routine, School life, Transport and directions, Holidays, Making arrangements.

How will you learn?

This course provides students with the opportunity to gain effective skills in communicating in the Korean language, to explore the relationship between Korean and English, and to develop an understanding of the cultures associated with the Korean language.

How will you be assessed?

Students will be assessed in tests, assignments and classroom activities that develop students' Listening and Responding, Reading and Responding, Speaking and Writing skills. Cultural understandings, systems of the Korean language and language learning strategies will be embedded in the course and assessments. Students will also do cultural research projects.

Pathways: This course will link to the following course in Year 11 and 12: Korean Continuers.

What does this course cost? - \$30 Additional costs for Korean/English dictionary (recommended) and excursion costs where relevant.

Mathematics Accelerated

What is Mathematics Accelerated about?

This will be an invitation only course. Students interested in joining this course would need to select Mathematics Accelerated as their first choice in the Elective list. Students will then be invited based on academic results in Stage 4 and teacher recommendation. This course is aimed for students who have a passion for Mathematics, an ability to work both independently and in a group and enjoy challenges and fast paced instructions.

What will you learn?

In Year 9, students would be required to study a compacted Stage 5 Mathematics course. In Year 10, students would be studying the preliminary Stage 6 Mathematics Advanced course. Students completing this course will complete their HSC examination in Mathematics Advanced (2 unit) when they are in Year 11.

How will you learn?

These students will use their Year 9 Mathematics lessons and Accelerated elective lessons to complete the compacted Stage 5 Mathematics course.

How will you be assessed?

In Year 9: Students will be required to complete the same Year 9 and all Year 10 assessment tasks and investigative tasks.

In Year 10: Students are required to complete all the same assessments as the Year 11 Mathematics Advanced cohort, including formal examinations during Year 11 examination periods. Students would come out of other classes on those days and need to be responsible for completing the class work.

Pathways: This course is designed to prepare students for HSC Extension 1 Mathematics, Extension 2 Mathematics (Year 12 only)

What does this course cost? - \$0 and excursion costs where relevant.

Music

What is music about?

Year 9 music is an opportunity to develop your musical skills in all areas including performance, listening and composition.

What will you learn?

You will learn to improve yourself as a musician through studying topics such as Music for Radio, Film TV and Multimedia as well as Popular and Australian Music.

You will have the opportunity to learn music that you are interested in and get to play instruments often.

How will you learn?

You will learn through a variety of ways including hands on practical activities, working in groups, and completing website work.

It's ok if you're not a master of your instrument yet - but you need to be willing to come into class and try and learn to play an instrument.

How will you be assessed?

You will be assessed on playing your instrument, writing music, and on your listening skills.

Pathways: This course will link to the following course in Year 11 and 12: Music 1.

What does this course cost? - \$25 and excursion costs where relevant.

Photography and Digital Media

What is Photography & Digital Media about?

This subject will allow students to view, document and respond to their world in a unique way, building skills with a variety of cameras, digital editing and design software, as well as examining a range of related photographers.

What will you learn?

Cameras and composition, lighting and studio photography, methods of manipulation and abstraction, videography and video editing.

How will you learn?

Lessons will be a combination of practical work and theory, with a focus on building skills to create a portfolio of work.

How will you be assessed?

Students will build a portfolio of work demonstrating their ability to take and present high quality artwork and written reflection, research and evaluation.

Pathways: This course will link to the following courses in Year 11 and 12: Visual Arts; Photography & Digital Imaging

What does this course cost? - \$75 and excursion costs where relevant.

Physical Activity and Sports Studies (PASS)

What is physical Activity & Sports Studies?

Physical Activity and Sports Studies (PASS) incorporates a wide range of lifelong physical activities, including recreational, leisure and adventure pursuits, competitive and non- competitive games, individual and group physical fitness activities and the use of physical activity for therapy and remediation.

What will you learn?

Year 9 Topics:

- Body in Action study of the human body including bones, muscles, joints and how we move
- Sports technology the ever changing world of sporting technology and the impacts of these improvements. Students utilise technology to breakdown movements.

Year 10 Topics:

- Australia's Sporting Identity students address the culture and traditions of sport in Australia
- Lifelong Leisure, Recreation and Health– How do Australians spend their time, relax and what impact does this have on lifestyle?
- Olympics
- Coaching

How will you learn?

Lessons will be both practical lessons (teaching of sporting rules and requirements) and theoretical lessons delivered on Google sites and in person.

How will you be assessed?

Practical lesson observations and written assessment tasks.

Pathways: This course will link to the following courses in Year 11 and 12: PDHPE, Sport Lifestyle & Recreation, Community and Family Studies

What does this course cost? - \$40 and excursion costs where relevant.

Robotics and Digital Design

What is Robotics about?

Robotics course provides opportunities for students to develop knowledge, understanding and skills in relation to the robotics and digital technologies, electronics and associated industries.

What will you learn?

Students will learn to apply fundamental design principles to create various practical projects including a solar powered car, flexi animal and associated packaging, energy efficient house and robotic components, high quality mobile phone holder. Properties of materials, structures and forces are also addressed. Students also learn how to program and use the CNC machine, laser cutter and 3D printers.

How will you learn?

Students will learn the fundamentals of this subject through hands on practical experiences both as an individual and working cooperatively as a group. Students also learn by using the CNC machine, laser cutter and 3D printers.

How will you be assessed?

Students will be assessed by the production of several practical projects and a folio detailing their progress and design. The course also has a theory quiz at the end of each unit.

Pathways: This course will link to the following courses in Year 11 and 12: Industrial Technology Multimedia, Design and Technology, Software Design and Development,

What does this course cost? - \$55 and excursion costs where relevant.

Visual Arts

What is Visual Arts about?

Visual Arts is a way of responding to the world around you. Through painting, photography, digital imaging, video production, sculpture, drawing and printing we can explore our experiences, thoughts and feelings and give them a visual form.

What will you learn?

Year 9 Topics: Art and Life – Examining the way art can express our thoughts and ideas, including skills like digital imaging, photographing using DSLR cameras and phones, drawing, charcoal, graphite, pen and ink and brush and ink.

Year 10 Topics: Urban Landscape – Decay and Rebirth, digital manipulation of the image, filters, layers and composition and exploring output files, sculpture.

How will you learn?

Development of a body of work through different art media will allow students to experiment and learn new skills. The practical work is linked to the theory to enhance overall understanding.

How will you be assessed?

60% Practical and 40% Theory. In class, artwork production will form the basis of the practical mark. There will also be research tasks/exams looking at knowledge of the content.

Pathways: This course will link to the following courses in Year 11 and 12: Visual Arts, Photography & Digital Imaging

What does this course cost? - \$50 and excursion costs where relevant.