



Eden Marine High School

STAGE 5 COURSES

Contents

Continuity of learning and exploring interests	3
The Record of School Achievement (RoSA)	5
Learning for now and the future	6
Mandatory courses	
English	7
Mathematics	8
Science	9
History	10
Geography	11
Personal Development, Health and Physical Education (PDHPE)	12
Elective Courses	
Agriculture	13
Commerce	14
Design and Technology	15
Drama	16
Food Technology	17
History Elective	18
Industrial Technology (Engineering)	19
Industrial Technology (Metal)	20
Industrial Technology (Timber)	21
Information and Software Technology	22
Marine and Aquaculture Technology	23
Music	24
Photographic and Digital Media	25
Physical Activity and Sport Studies	26
Visual Arts	27
Languages	28

Continuity of learning and exploring interests

Mandatory Courses

The curriculum in Stage 5 provides continuity of learning in the key learning areas. All students are required to study the following courses:

- English
- Mathematics
- Science
- History
- Geography
- Personal Development, Health and Physical Education (PDHPE)

Elective Courses

Students are able to choose three elective courses to pursue in Years 9 and 10. These courses provide students with an opportunity to experience a wide range of subjects and develop and broaden their skills and interests in learning. Elective courses typically on offer are listed below. There are two things to consider when choosing your courses:

- ✓ Interest – Choose courses you are interested in.
- ✓ Keep your options open – Select a wide range of courses.

Creative Arts Courses

- Drama
- Music
- Photography
- Visual Arts

HSIE Courses

- International Studies
- Commerce

PDHPE Courses

- Physical Activity and Sports Studies (PASS)

Technology Courses

- Agriculture
- Design and Technology
- Food Technology
- Industrial Technology (Timber Products)
- Industrial Technology (Metal and Engineering Technologies)
- Marine and Aquaculture
- Software Design and Development

Language Courses

A broad range of languages other than English are available for students to study. Typically students study a language through distance education.

Selection and finalisation of courses

During the selection process you will have the opportunity to meet with numerous people to guide you in your choice of courses. Take the time to discuss your options with your parents, teachers and Year Advisor.

When students have submitted their course choices, the school considers how to timetable the courses so that students can study their preferred courses. Sometimes it is not possible to timetable all the courses and students may have to reconsider a choice.



The Record of School Achievement (RoSA)

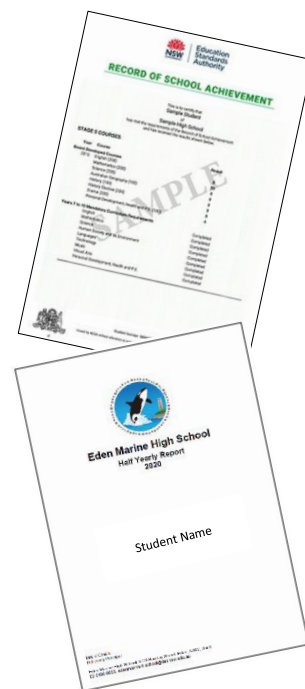
Eligibility for a Record of School Achievement (RoSA)

The Record of School Achievement (RoSA) records successfully completed courses and grades. The NSW Education Standards Authority (NESA) issues the RoSA to students who have completed Year 10, but choose to leave school before completing the Higher School Certificate (HSC). Students who leave school before finishing Year 10 are not eligible for a RoSA.

To be eligible for a RoSA, students must:

- satisfactorily complete Year 7 and Year 8
- satisfactorily complete all Stage 5 mandatory courses
- satisfactorily complete Stage 5 elective courses.

Students with a disability can choose to complete Life Skills courses. Students who have satisfactorily completed Year 10 Life Skills courses, but choose to leave school before completing the Higher School Certificate (HSC), can receive a RoSA. For every satisfactorily completed Life Skills course, an accompanying Profile of Student Achievement is included with the RoSA to provide students with more details of their achievements from each course.



Assessment and reporting

Assessment is a measure of actual student performance in various tasks. It is not a measure of potential performance or an estimate of general ability. The New South Wales Education Standards Authority (NESA) expects students to have:

- followed the course developed or endorsed by NESA
- applied themselves with diligence and sustained effort to the set tasks and experiences provided in the course by the school
- achieved some or all of the course outcomes
- completed all assessment tasks.

Student progress and achievement is reported by the school as a grade and a rank. Satisfactory progress is reported as a C grade. Higher standards of performance are reported as a B or A grade. Student performance that is not satisfactory is reported as a D or E.

Regular attendance is the key to success

Each day's learning builds on what has been learnt before. Attending school all day, every day, each term provides students with the opportunity to build strong connections between what they are learning and what they already know.

Missing a day of school disrupts the learning process and creates gaps in student understanding. In addition to learning new skills, regular attendance also helps young people develop important social skills, such as friendship building, teamwork, communication skills and a healthy self-esteem. Students are expected to have an attendance rate of at least 90%.

The NSW Education Standards Authority (NESA) may refuse to grant a Record of School Achievement to a student whose attendance or application at school has been of such an unsatisfactory character, that the granting of a Record of School Achievement (RoSA) would not be justified. To receive a RoSA, students must attend school until the final day of Year 10.

Learning for now and the future



Learning at school and learning at home

We recognise the importance of the learning partnership between teachers, students and parents. Learning at school, combined with learning at home is vital for students to achieve their full potential. Regular study at home supports new learning at school. Parents and carers can help students succeed by providing a quiet place for home study. Stage 5 students are expected to complete 1 – 2 hours home study per night.

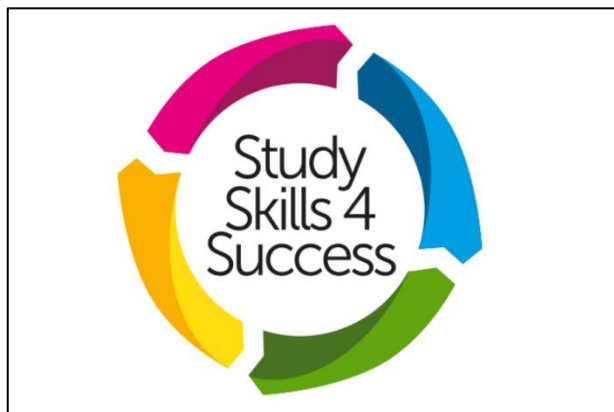
Learning how to learn

An important part of learning, is learning how to learn. Teachers explicitly teach and embed effective study techniques into teaching and learning programs, and all students are encouraged to explore and develop a repertoire of study skills. The Learning Support Team works with teachers and students to ensure all students are supported to access the curriculum, particularly those who may be experiencing learning difficulties.



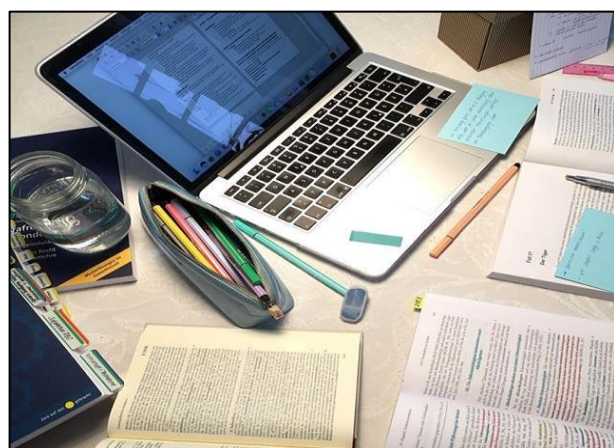
Laptops for learning

Eden Marine High School recognises the need to prepare students for a rapidly-changing world, where technology plays a critical role in personal, social and professional lives. Our teachers are highly skilled in the use of technology, and the development of student proficiency and capacity to use technology effectively and responsibly is embedded in all teaching and learning programs.



Our Laptops for Learning Program combines quality face-to-face teaching and learning with unlimited access to learning resources through the Google Classroom online learning platform. We recognise the importance of consolidating new learning and expect students to engage with learning at school and at home. Stage 5 students would benefit from having access to a laptop for learning at home. This ensures students can access the resources they need when they are at school or at home, and empowers students to be:

- ✓ capable and responsible digital citizens
- ✓ creative, critical thinkers, and
- ✓ self-directed learners.



English



- ☒ Mandatory course
- ☒ 400 hours of study (Year 7 – 10)

The study of English in Stage 5 develops knowledge, understanding, appreciation and enjoyment of the English language and develops students' skills as effective communicators. Students develop their control of language by reading and viewing a range of texts and by writing imaginative, interpretive and critical texts with clarity and accuracy for a range of purposes and audiences.

Students study a wide range of texts including fiction, nonfiction, poetry, films, media, multimedia and digital texts for critical analysis, interpretation and pleasure. They respond to texts that are widely regarded as quality literature. These include Australian literature, texts by and about Aboriginal and/or Torres Strait Islander People(s), Shakespearean drama and texts from different cultures and times.

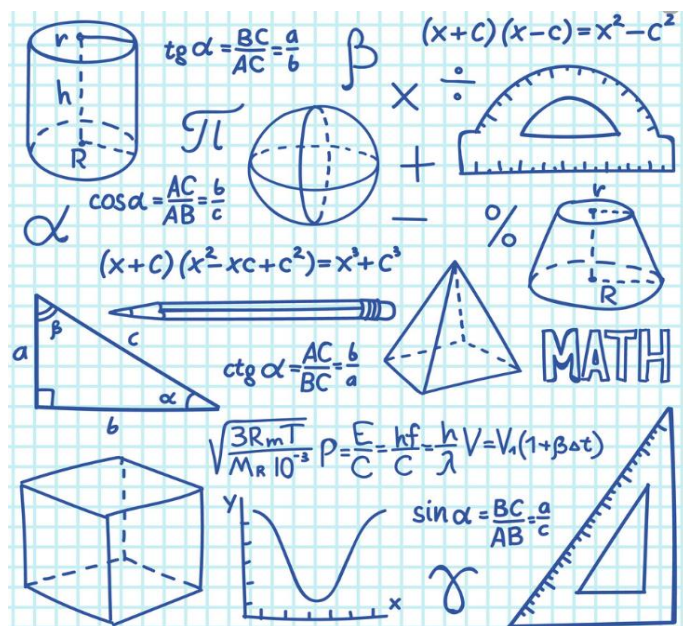
What will students learn?

- ✓ Students learn to respond to and compose a comprehensive range of imaginative, factual and critical texts using different modes and technologies. They reflect on, assess and articulate processes of response and composition. Students focus on details of texts to analyse meaning, perspective, cultural assumptions, ideologies and language whilst further developing their skills in writing and the accurate use of grammatical conventions.
- ✓ Students learn to use a range of strategies to shape their texts to address purpose and audience in different contexts. They conform to or challenge an audience's preconceptions and expectations about content and form, and they evaluate the effectiveness of each approach. Students work through the composing process, including planning, researching, drafting, conferencing, editing and publishing.
- ✓ Students learn to respond imaginatively and critically to verbal and visual texts and iconography, considering how these and other features reflect the cultural context of the text. By critically evaluating texts, students identify strengths and weaknesses and are able to articulate coherent responses. From their responses to individual texts they generalise about views of the world and strategies that are used to communicate and sustain such views.

Mathematics

Mathematics in Stage 5 focuses on developing increasingly sophisticated and refined mathematical understanding, fluency, communication, logical reasoning, analytical thought and problem-solving skills. These capabilities enable students to respond to familiar and unfamiliar situations by employing strategies to make informed decisions and solve problems relevant to their further education and everyday lives.

Mathematics is used to identify, describe and apply patterns and relationships. It provides a precise means of communication and is a powerful tool for solving problems both within and beyond mathematics. In addition to its practical applications, the study of mathematics is a valuable pursuit in its own right, providing opportunities for originality, challenge and leisure.



- ✓ Mandatory course
- ✓ 400 hours of study (Year 7 – 10)

What will students learn?

- ✓ Students develop understanding and fluency in mathematics through inquiry, exploring and connecting mathematical concepts, choosing and applying problem-solving skills and mathematical techniques, communication, and reasoning.
- ✓ Students study:
 - Number and Algebra
 - Measurement and Geometry
 - Statistics and Probability.
- ✓ Within these strands, students cover a range of topic areas including:
 - Financial mathematics
 - Algebraic techniques, equations, linear and non-linear relationships
 - Properties of geometrical figures, surface area and volume
 - Trigonometry
 - Data collection and representation, data analysis, and probability.

Science



- ☒ Mandatory course
- ☒ 400 hours of study (Year 7 – 10)

Science develops students' skills, knowledge and understanding in explaining and making sense of the biological, physical and technological world.

Through the application of the processes of working scientifically, students develop an understanding of the importance of scientific evidence in enabling them as individuals, and as part of the community, to make informed, responsible decisions about the use and influence of science and technology on their lives.

What will students learn?

- ✓ Through their study of Science, students develop knowledge of scientific concepts and ideas about the living and non-living world.
- ✓ They gain increased understanding about the unique nature and development of scientific knowledge, the use of science and its influence on society, and the relationship between science and technology. Students actively engage individually and in teams in scientific inquiry. They use the processes of working scientifically to plan and conduct investigations. By identifying questions and making predictions based on scientific knowledge and drawing evidence based conclusions from their investigations, students develop their understanding of scientific ideas and concepts, and their skills in critical thinking and problem-solving. They gain experience in making evidence-based decisions and in communicating their understanding and viewpoints.
- ✓ At least 50% of the course time will be allocated to hands-on practical experiences.
- ✓ All students are required to undertake at least one individual research project during Stage 5.

History

History develops in young people an interest in and enjoyment of exploring the past.

A study of History provides opportunities for examining events, people and societies from ancient, medieval and modern times, including twentieth-century Australia.

Opportunities to develop a deeper understanding of civics and citizenship are a feature throughout the Stage 5 History syllabus.

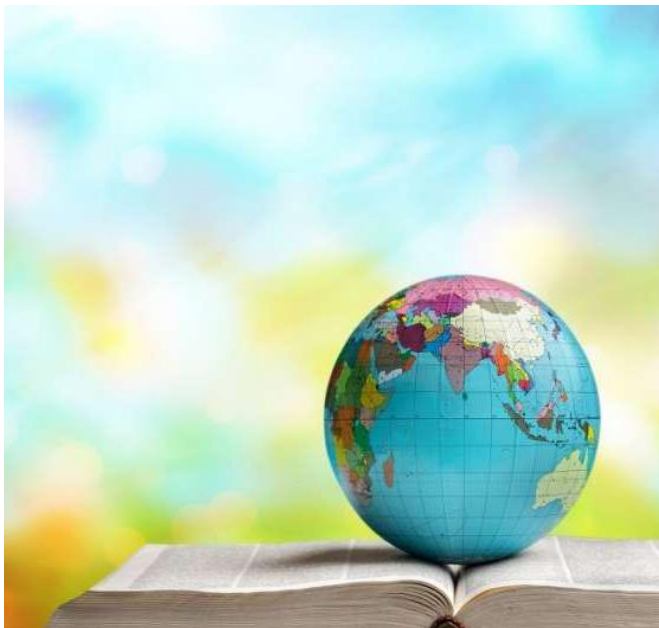


- ☒ Mandatory course
- ☒ 200 hours of study (Year 7 – 10)

What will students learn?

- ✓ In Years 9–10, students learn of significant developments in the making of the modern world and Australia.
- ✓ Mandatory studies include Australians at War (World Wars I and II) and Rights and Freedoms of Aboriginal and Torres Strait Islander peoples.
- ✓ Other topics may include the making of the Australian nation, the history of an Asian society, Australian social history and migration experiences.
- ✓ Students learn to apply the skills of investigating history, including analysing sources and evidence and sequencing major historical events to show an understanding of historical concepts including change and continuity, causation, contestability and significance.
- ✓ Students develop research and communication skills, and examine different perspectives and interpretations to develop an empathetic understanding of a wide variety of viewpoints.
- ✓ Students also learn to construct logical historical arguments supported by relevant evidence and to communicate effectively about the past for different audiences and different purposes.

Geography



- ✓ Mandatory course
- ✓ 200 hours of study (Year 7 – 10)

Geography allows students to develop an understanding of and an interest in the interaction of the physical and human environments.

Students will develop geographic knowledge, understanding, skills, values and attitudes in order to engage in the community as informed and active citizens.

The syllabus has two key dimensions that form the basis for the study of all content in Geography:

- the spatial dimension – where things are and why they are there
- the ecological dimension – how humans interact with environments.

What will students learn?

- ✓ Global Geography consists of four focus areas in which students learn about the geographical processes and human interactions that shape global environments. They also learn about geographical issues and different perspectives about the issues.
- ✓ Students of Australian Geography learn about the interaction of human and physical geography in a local context. They examine Australia's physical environments and communities and explore how they are changing and responding to change. Students also look at Australia's roles in its region and globally and how individuals and groups are planning for a better future. An important feature of the Australian Geography course is to allow students to become more informed and active citizens.
- ✓ Students learn to gather, process and communicate geographical information from a variety of primary and secondary sources. The study of Geography also provides opportunities for students to learn to use a wide range of geographical tools including information and communication technologies (ICT). Geographical tools, such as maps, graphs, statistics, photographs and fieldwork, assist students to gather, analyse and communicate geographical information in a range of formats. Fieldwork is an essential part of the study of Geography and students are required to investigate a geographical issue through fieldwork by developing and implementing a research action plan.

Personal Development, Health and Physical Education

Personal Development, Health and Physical Education (PDHPE) develops students' capacity to enhance personal health and well-being.

This course promotes their enjoyment of, and commitment to, an active lifestyle. It also supports students to develop confidence and competence in a wide range of physical activities.

Students develop knowledge and understanding, skills and values and attitudes that enable them to advocate lifelong health and physical activity.



- ☒ Mandatory course
- ☒ 300 hours of study (Year 7 – 10)

What will students learn?

All students study the following three modules:

- ✓ Health, Wellbeing and Relationships - Students develop the knowledge, understanding and skills important for building respectful relationships, enhancing personal strengths and exploring personal identity to promote the health, safety and wellbeing of themselves and others. They develop strategies to manage change, challenges, power, abuse, violence and learn how to protect themselves and others in a range of situations.
- ✓ Movement Skill and Performance - Students focus on active participation in a broad range of movement contexts to develop movement skill and enhance performance. They develop confidence and competence to engage in physical activity. Students develop an understanding of movement concepts and the features of movement composition as they engage in a variety of planned and improvised movement experiences. They create and compose movement to achieve specific purposes and performance goals. Through movement experiences students also develop self-management and interpersonal skills to support them to strive for enhanced performance and participation in a lifetime of physical activity.
- ✓ Healthy, Safe and Active Lifestyles - Students focus on the interrelationship between health and physical activity concepts. They develop the knowledge, understanding and skills to empower them to make healthy and safe choices and take action to promote the health, safety and wellbeing of their communities. They engage with a range of health issues and identify strategies to keep them healthy, safe and active.

Throughout the course, students develop, strengthen and refine key PDHPE skills that allow them to take action and advocate for the health, safety, wellbeing and participation in physical activity of themselves and others. This includes an emphasis on self-management, interpersonal and movement skills.

Agriculture



- ☒ Elective course
- ☒ 200 hours of study (Year 9 – 10)

The study of Agricultural Technology provides students with opportunities to experience aspects of an agricultural lifestyle through direct contact with plants and animals.

The study of a variety of enterprises allows students to make responsible decisions about the appropriate use of agricultural technologies.

Students explore career opportunities in agriculture and related service industries and investigate the viability of Australian agriculture through the management of issues relating to the sustainability of agricultural systems, as well as the relationships between production, processing and consumption.

What will students learn?

- ✓ The aim of this course is to involve students in the practices of raising plants and animals. As much practical experience as possible is included in the course. The course also seeks to develop an understanding of how agricultural production fits in with management of the total environment, and with other facets of society.
- ✓ During this course, students will cover a wide variety of topics, including various animal husbandry studies, soil science studies, the biology of plants and animals and specific methods of propagating plants.
- ✓ They will develop skills in the use of farm machinery and equipment, as well as skills needed to safely handle livestock. Students also learn how to develop and maintain a productive garden.

Commerce

Commerce enables young people to develop the knowledge, understanding, skills, values and attitudes that form the foundation on which they can make sound decisions about consumer, financial, economic, business, legal, political and employment issues.

It 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.



- ☒ Elective course
- ☒ 200 hours of study (Year 9 – 10)

What will students learn?

- ✓ Central to the course is the development of an understanding of the relationships between consumers, businesses and governments in the overall economy. Core Topics include:
 - Consumer Choice
 - Law in Society
 - Personal Finance
 - Employment Issues
- ✓ Optional Topics include:

<ul style="list-style-type: none">▪ Investing▪ Promoting and Selling▪ E- Commerce▪ Global Links	<ul style="list-style-type: none">▪ Towards Independence▪ Political Involvement▪ Travel▪ Community Participation	<ul style="list-style-type: none">▪ Our Economy▪ Law in Action▪ Running a Business
--	---	--
- ✓ Developing Information Communication Technology Skills are an integral part of this course. Students will develop skills to conduct ethical web-based research and extend their understanding of a variety of word processing and other software applications.
- ✓ It is a practical, relevant course, highly recommended for all ability levels, providing students with an excellent grounding for future studies or for students looking to transition into the workforce.

Design and Technology



- ✓ Elective course
- ✓ 200 hours of study (Year 9 – 10)

The study of Design and Technology develops a student's ability for innovative and creative thought through the planning and production of design projects related to real-world needs and situations.

Students investigate existing solutions, analyse data and information, and generate, justify and evaluate ideas.

Students experiment with tools, materials and technologies to manage and produce prototypes, products and solutions to identified needs and problems.

What will students learn?

- ✓ This project-based subject introduces students to the design process, marketing graphics, technology, innovation in the categories of; products environment and design systems. In Design and Technology, you will use a variety of material including; metals, timber, textiles, digital media and polymers.
- ✓ Students will develop:
 - knowledge and understanding of design concepts and processes
 - understanding and appreciation of the impact of past, current and emerging technologies on the individual, society and environments
 - knowledge and understanding of the work of designers and the issues and trends that influence their work
 - knowledge and understanding of and skills in innovation, creativity and enterprise
 - skills in communicating design ideas and solutions
 - knowledge and understanding of and skills in managing resources and producing quality design solutions.
- ✓ Design projects will be the student's main learning activity. Students will learn to research, plan, design, produce and evaluate. The design project should be relevant to student needs and interests. The focus areas of design provide meaningful contexts for design project work and can include:

▪ Accessory	▪ Digital Media	▪ Furniture	▪ Interior
▪ Software	▪ Aeronautical	▪ Engineering	▪ Graphical
▪ Jewellery	▪ Structural	▪ Agricultural	▪ Food
▪ Industrial	▪ Landscape	▪ Architectural	▪ Fashion
▪ Packaging	▪ Information systems	▪ Environmental	

Drama

The study of Drama enables young people to develop an interest in and enjoyment of investigating and enacting a wide range of theatrical forms, styles and acting methods.

Through critical reflection and acquiring understanding, knowledge and skills, students respond to the ideas and dramatic works of others by creatively and collaboratively developing their own ideas into dramatic action for performance.



- ✓ Elective course
- ✓ 200 hours of study (Year 9 – 10)

What will students learn?

- ✓ Drama is an active course which aims to provide a variety of experiences and opportunities for expression and performance.
- ✓ Over the two years, students will be given the opportunity to increase their dramatic skills and build their self-confidence.
- ✓ The course in Year 9 and 10 covers units of work in improvisation, play performances, writing scripts, the technical aspects of production, experiencing dramatic performances and reading and writing about the effects of theatre on audiences.
- ✓ The course aims at giving students a wide experience of as many forms of Drama as possible, and have the students learn through participation.
- ✓ The Drama course is a practical outlet for creative energies. Drama often assists students' collaborative and problem solving skills.

Food Technology



- ✓ Elective course
- ✓ 200 hours of study (Year 9 – 10)

The study of Food Technology provides students with a broad knowledge of food properties, processing, preparation, nutritional considerations and consumption patterns.

It addresses the importance of hygiene and safe working practices and legislation in relation to the production of food.

Students develop food-specific skills, which can be applied in a range of contexts enabling students to produce quality food products.

The course also provides students with contexts through which to explore the richness, pleasure and variety food adds to life and how it contributes to both vocational and general life experiences.

What will students learn?

- ✓ Food Technology is a practical based subject that provides students with a broad knowledge and understanding of food properties, processing, preparation and their interrelationships.
- ✓ It addresses the importance of hygiene, safe work practices and legislation in the production of food. It allows students to explore the richness, pleasure and variety food adds to life.
- ✓ This knowledge can then be applied in a range of contexts, enabling students to produce quality food products.
- ✓ Students will be presented with a range of tasks that will require them to work individually and as part of a team. These skills are transferable to other study, work and life contexts that students may encounter.
- ✓ Focus areas include:
 - Food in Australia
 - Food Product Development
 - Food Service and Catering
 - Food for Special Occasions
 - Food Equity
 - Food Selection and Health
 - Food for Specific Needs
 - Food Trends

History Elective

History enables young people to develop an interest in and enjoyment of exploring the past. The study of History Elective enables students to investigate the actions, motives and lifestyles of people over time, and introduces the idea that the past contains many stories, and that there is never only one uncontested version.

The History Elective course develops the skills for students to answer the question 'How do we know?' and an investigation of an historical issue through a range of sources can stimulate curiosity and develop empathetic understanding, problem-solving, research and critical thinking skills.



- ☒ Elective course
- ☒ 200 hours of study (Year 9 – 10)

What will students learn?

- ✓ This course develops language specific to the discipline of History and provides opportunities to further develop literacy skills.
- ✓ Students learn to critically analyse and use sources of evidence in order to construct reasoned explanations and a rational and informed argument based on evidence, drawn from the remains of the past.
- ✓ Students engage in research involving information and communication technology (ICT), including evaluating web-based sources and using a range of technologies for historical research and communication.
- ✓ The course consists of three topics:
 - History, Heritage and Archaeology
 - Ancient, Medieval and Modern Societies
 - Thematic Studies

Students study at least one ancient, medieval or modern society, and the five learning modules making up the course are selected from a broad range of options that include:

- Archaeological sites
- Family history
- Heritage and conservation
- Sport and recreation in history
- Gender in the past
- Economy and society
- Children in history
- Music through history
- Continuity and diversity of Aboriginal cultures and histories
- Biography
- Film as history
- Historical fiction
- Local history
- Heroes and villains
- World myths and legends
- Crime and punishment
- Power and political unrest

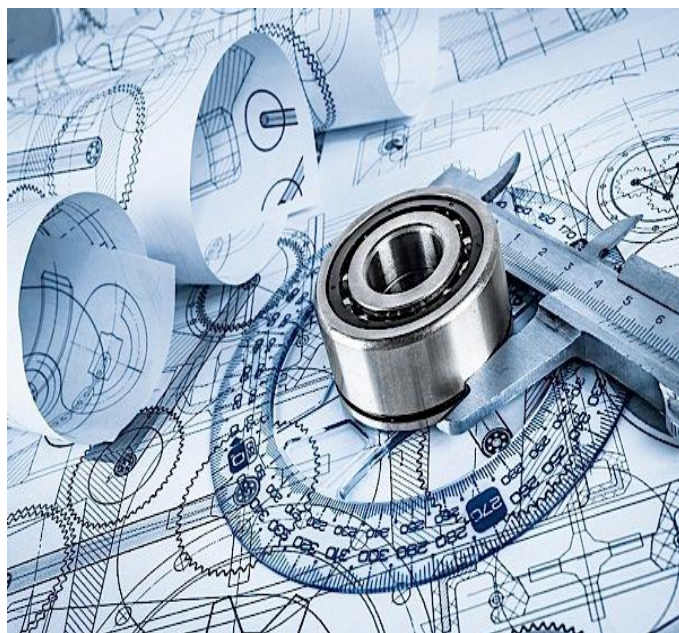
Industrial Technology (Engineering)

The study of Industrial Technology provides students with opportunities to engage in a diverse range of creative and practical experiences using a variety of technologies widely available in industrial and domestic settings.

Students develop knowledge and understanding of materials and processes.

Related knowledge and skills are developed through a specialised approach to the tools, materials, equipment and techniques employed in the planning, development, construction and evaluation of quality practical projects and processes.

Critical thinking skills are developed through engagement with creative and practical problem-solving activities.



- ✓ Elective course
- ✓ 200 hours of study (Year 9 – 10)

What will students learn?

- ✓ The Engineering focus area provides opportunities for students to develop knowledge, understanding and skills in relation to engineering and its associated industries. Students involved in this course gain a variety of design, practical and project management skills.
- ✓ The course is designed around project-based learning, with 40% of the course theoretical based and is complemented with 60% practical, including experimentation and testing and project construction.
- ✓ Core modules can include project-based learning:
 - Structures – Balsa wood bridge challenge
 - Forces and Motion – Mouse trap powered car
 - Mechanisms – Mechanical arm
 - Marine Engineering – Solar powered boat and 3D printed lighthouse
 - Materials – Properties and characteristics of materials
- ✓ The project-based learning reflects the nature of the Engineering focus areas and provides opportunities for students to develop specific knowledge, understanding and skills related to engineering. These projects can include:
 - Control Systems – Robotics
 - Alternative Energy – Sustainable house design

Industrial Technology (Metal)



- ✓ Elective course
- ✓ 200 hours of study (Year 9 – 10)

The study of Industrial Technology provides students with opportunities to engage in a diverse range of creative and practical experiences using a variety of technologies widely available in industrial and domestic settings.

Students develop knowledge and understanding of materials and processes.

Related knowledge and skills are developed through a specialised approach to the tools, materials, equipment and techniques employed in the planning, development, construction and evaluation of quality practical projects and processes.

Critical thinking skills are developed through engagement with creative and practical problem-solving activities.

What will students learn?

- ✓ This is a practical course containing a related theoretical element dealing with materials, tools, machines and processes.
- ✓ Students involved in this course gain experience in designing, planning and constructing various projects. The practical component of the course makes up 70% of the total time, with the remaining 30% of time being spent on the theoretical aspects of the Metal course. As with all technology courses, assessment is carried out on the basis of 70% practical and 30% for related knowledge.
- ✓ The Industrial Technology Metal modules offered will be General Metal 1, Fabrication and Machinery.
- ✓ Students electing this subject will develop a wide range of metal working practical and theoretical skills in the areas of WHS, planning and construction.
- ✓ Skills learnt will be in the areas of Forging and Metal Fabrication. This Involves the use of metal working machinery and equipment such as lathes, drills, milling, shaping, grinding machines, oxy-acetylene and welding.
- ✓ Terms 3 & 4 of Year 10 are devoted to producing a major project. Design tasks throughout Year 9 and 10 will equip the student to design their major work.
- ✓ The materials for the major project must be supplied by the student.

Industrial Technology (Timber)

The study of Industrial Technology provides students with opportunities to engage in a diverse range of creative and practical experiences using a variety of technologies widely available in industrial and domestic settings.

Students develop knowledge and understanding of materials and processes.

Related knowledge and skills are developed through a specialised approach to the tools, materials, equipment and techniques employed in the planning, development, construction and evaluation of quality practical projects and processes.

Critical thinking skills are developed through engagement with creative and practical problem-solving activities.



- ☒ Elective course
- ☒ 200 hours of study (Year 9 – 10)

What will students learn?

- ✓ Industrial Technology (Timber) is a practical based subject containing a related theoretical element dealing with materials, tools, machines and processes.
- ✓ Students involved in this course gain experience in designing, planning and constructing various projects. The practical component of the course makes up 70% of the total time with the remaining 30% of time being spent on the theoretical aspects of the Timber course. As with all technology courses, assessment is carried out on the basis of 70% practical and 30% for related knowledge.
- ✓ The Industrial Technology (Timber) modules include: Timber 1 & 2.
- ✓ Students will learn skills in shaping timber and timber products, by hand and machines, to produce a functional item.
- ✓ The course is developed around 3 main themes:
 - Design skills – Factors influencing design, Modifications to existing designs, and Developing alternative designs
 - Planning skills – Developing and reading workshop drawings, Material identification and their uses, and Use of electronic aids and jigs
 - Construction Skills WHS – Hand tools, portable tools, fixed machines, material preparation, cutting and shaping, joining methods, and finishing.
- ✓ Terms 3 & 4 of Year 10 are devoted to producing a major project. Design tasks throughout Year 9 and 10 will equip the student to design their major work.
- ✓ The materials for the major project must be supplied by the student.

Information and Software Technology



- ✓ Elective course
- ✓ 200 hours of study (Year 9 – 10)

Information and Software Technology Years 7–10 provides students with the opportunity to develop computational, systems and design thinking skills through the development of practical projects.

The course provides students with specialised knowledge of past, current and advancing technologies, data, hardware, software and the roles of people involved in information and software technology.

Students explore developments and future directions in the field of information and software technology. They are also encouraged to critically reflect on the role of information and software technology as an integral part of modern society.

What will students learn?

- ✓ Information and Software Technologies (IST) provides students with the opportunity to look at how to make effective use of computer technologies to solve problems.
- ✓ This course has a project focus and provides a balance between theory and practical activities. The course helps students to become independent learners.
- ✓ Students will use computer systems as a tool to manage data and information. They also learn about social and ethical issues associated with the use of computer systems as a tool to manage data and information.
- ✓ Students learn about past, current and emerging technologies. They also learn about the use of hardware and software and the issues involved with data handling.
- ✓ Option topics studied in the course include:
 - Digital Media and Multimedia
 - Internet and Website Development
 - Programming and Software Development
 - Robotics
 - Database Design
- ✓ All tasks have been purposefully designed to cater for students with a broad range of abilities.

Marine and Aquaculture Technology



- ☑ Elective course
- ☑ 200 hours of study (Year 9 – 10)

The study of Marine and Aquaculture Technology develops a student's capacity to design, produce, evaluate, use and sustainably manage marine and water-related environments.

Students study core and option modules. The option modules are organised into the following seven focus areas covering broad aspects of marine and aquaculture technology:

- Biology
- Ecology
- Leisure
- Aquaculture
- Employment
- Management
- General Interest.

What will students learn?

- ✓ With an ever increasing use of our estuarine and coastal habitats, both locally and Australia wide, there is an urgent need to develop students' understanding, respect and appreciation of our marine environment, as well as encouraging responsible conservation, recreational, cultural and management practices.
- ✓ The main aims of this course are to provide an opportunity for the safe participation in a variety of marine based activities, develop an appreciation for the need to conserve the marine environment, cater for the talents and interests of students, and foster links with community partners.
- ✓ Some of the objectives of this course include:
 - Developing skills in using and maintaining marine craft and equipment
 - Developing skills in water survival and safety practices
 - Enabling students to experience satisfaction and achievement from participating in a wide variety of marine based sporting and recreational activities
 - Develop an understanding of the role of individuals and community groups in promoting safety and the wise use of the marine environment
 - Develop an awareness of the significance of the marine environment to a variety of cultures
- ✓ Learning modules typically include:

<ul style="list-style-type: none">▪ Introduction to Marine Technology▪ Weather/Tides/Current▪ Basic Snorkelling▪ Marine Employment▪ Manufacturing Fishing Equipment	<ul style="list-style-type: none">▪ Water Safety/Surf Survival Award▪ Rock Platforms▪ Advanced Snorkelling▪ Food from the Sea▪ Water Safety Reaccreditation
---	---

Music

The study of music's forms, styles and ideas enables young people to develop an interest in appreciation and enjoyment of music.

Through critical reflection and acquiring understanding, knowledge and skills, students respond by creatively developing their own musical ideas, compositions and performances.



- ☒ Elective course
- ☒ 200 hours of study (Year 9 – 10)

What will students learn?

- ✓ Students will study the compulsory topic “Australian Music”, plus three other topics from a variety of musical styles.
- ✓ Areas of expertise will include Performance, Composition, and Listening.
- ✓ Students will study an instrument, or voice, and develop a repertoire related to the topics and free choice.
- ✓ Student participation in performance, both in and out of the classroom, will be encouraged.
- ✓ The three learning experiences of Performance, Composition and Listening will form the basis of both formal and informal assessment.
- ✓ Students require:
 - access to an instrument for practice, if not doing a vocal major
 - headphones for listening lessons.

Photographic and Digital Media



- ☒ Elective course
- ☒ 200 hours of study (Year 9 – 10)

Photographic and digital media powerfully communicates ideas, identity, values and culture through images.

The study of photographic and digital media enables young people to develop an interest in and enjoyment of investigating the rapidly evolving ideas, practices and technologies of this art form.

Through critical reflection and acquiring understanding, knowledge and skills, students respond to the ideas, art and arts practice of others, through creatively developing their own ideas and photographic and digital artworks.

What will students learn?

- ✓ The course contains two components: practical and theory. This allows opportunities for students to investigate photographic and digital media in greater depth and breadth than through the Visual Arts elective course.
- ✓ The Practical Component (Weighting 60%): New technologies have changed the possibilities of production of artworks and the role of the artist. The Photographic and Digital Media Years 7–10 Course provides opportunities to investigate artmaking practice that uses photographic and digital technologies as their own medium – that is, being produced, stored and presented in digital form, making use of interactive and participatory features.
- ✓ The Theory Component (Weighting 40%): The course empowers students to engage with contemporary forms of communication and encourages the creative and confident use of Information and Communication Technologies. The course provides opportunities to investigate the technological, artistic and theoretical development and making of photographic and digital works, the role of the artist as photographer and digital artist, the world and the use of photographic and digital forms in society and the intended audiences for these forms.

Physical Activity and Sport Studies

Physical Activity and Sports Studies aims to enhance students' capacity to participate effectively in physical activity and sport, leading to improved quality of life for themselves and others.

Students engage in a wide range of physical activities in order to develop key understandings about how and why we move and how to enhance quality and enjoyment of movement.



- ☒ Elective course
- ☒ 200 hours of study (Year 9 – 10)

What will students learn?

- ✓ This course is aimed at extending motivated students who are interested in developing their knowledge and skills in sports administration, sports coaching and sports science, surf survival and resuscitation and keeping physically fit.
- ✓ Students undertaking this course should be willing to be involved in sporting, community and extra-curricular activities.
- ✓ Learning areas typically include:
 - Water Safety
 - Resuscitation
 - First Aid
 - Sports Coaching
 - Sports Injury
 - Fitness
 - Nutrition
 - Anatomy and Physiology
 - Event Management
 - Australians Sporting Identity
 - Recreational Pursuits
 - Great Outdoors

Visual Arts



- ☑ Elective course
- ☑ 200 hours of study (Year 9 – 10)

The study of Visual Arts enables young people to develop an interest in and enjoyment of investigating the world through the ideas, aesthetic and contexts of artists and their work in a broad range of forms, media and styles.

Through critical reflection and acquiring understanding, knowledge and skills, students respond by creatively developing their own ideas and artworks.

What will students learn?

- ✓ The course contains two components: practical and theory.
- ✓ The Practical Component (Weighting 60%): This component helps to develop student's imagination, problem solving skills and awareness of things around them. It also develops practical skills using a variety of materials using different techniques. The practical component provides opportunities to experience areas such as drawing, painting, sculpture, pottery, mixed media, graphics and collage.
- ✓ The Theory Component (Weighting 40%): In this section of the course most work is recorded in a Visual Arts Process Diary. Students will record processes and artists studied, complete written assignments and develop concepts for works.
- ✓ Visual Arts in Years 9 and 10 is an excellent foundation for further study of Visual Arts in Years 11 and 12. There are also many career options associated with Visual Arts such as advertising, architecture, photography, education, cinematography and journalism.

Languages

Learning languages opens minds to difference where diversity is seen as a regular part of society.

Proficiency in languages provides a resource that encourages more effective engagement with the global community.

The study of Languages strengthens essential foundational skills for literacy. It also fosters intellectual and emotional development, and cultural understanding.

Through learning languages, students reflect on their own heritage, culture and identity. They also reflect on the culture, beliefs and values of others through language learning.



- ☒ Elective course
- ☒ 200 hours of study (Year 9 – 10)

What will students learn?

- ✓ Students develop the knowledge, understanding and skills necessary for effective communication in a language. They learn to interact, access and respond to information and compose texts.
- ✓ They develop an understanding of the language system including sound, writing, grammar and text structure.
- ✓ Students also develop intercultural understanding of the interrelationship between language and culture and consider how interaction shapes communication and identity.
- ✓ Students develop the skills to communicate in another language. They listen and respond to spoken language. They learn to read and respond to written texts in the language they are learning. Students establish and maintain communication in familiar situations using the language.
- ✓ Students explore the diverse ways in which meaning is conveyed by comparing and contrasting features of the language. They develop a capacity to interact with people, their culture and their language.
- ✓ The rich linguistic and cultural diversity of New South Wales provides an educational environment where the study of languages and cultures is valued as a unique and integral part of the curriculum. Modern, Classical and Aboriginal Languages are available for study. These courses are typically studied through distance education.



Barclay Street Eden NSW 2551
Telephone 02 6496 0000
edenmarine-h.school@det.nsw.edu.au
edenmarine-h.schools.nsw.gov.au



Education