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PRINCIPAL'S ADDRESS

Mango Hill State Secondary College is a future-focussed learning community, committed to advancing the individual potential of each student in an innovative, supportive and collaborative learning environment. The core values of the college are the foundation of our purpose, 'Creating a community of Respectful, Engaged, Aspiring Learners for the world of tomorrow'.

Our Junior Secondary Curriculum supports 'REAL Learning for Tomorrow'. Students engage with the Australian Curriculum in Years 7 - 10, designed to teach students what it takes to be confident and creative individuals, and become active and informed citizens. As a student progresses through the Australian Curriculum learning areas towards Year 10, they are supported to develop skills for civic, social and economic participation, and have opportunities to make choices about their learning by specialising in areas of interest through electives in Year 9 and 10.



Our Year 7-9 learning program focuses on supporting students to develop an understanding of their learning interests and strengths, and engage with the foundation learning supportive of the range of curriculum options they will have available to them for Years 10 – 12. Our pedagogical approach, aligned to New Pedagogies for Deep Learning (NPDL), and the new Art and Science of Teaching (nASOT), positions students to leverage learning opportunities, making them relevant to their stage of learning, interests, and real-world contexts.

The following guide supports students, parents and carers in understanding the course structure and subject offerings available to students in Year 7-9. I encourage families to explore the choices available when considering elective options for Year 9, to support your young person to make informed choices regarding their chosen pathway. The 'right' subject for one student may not be for another. It is important that students consider what they are interested in, passionate about, and want to learn more of, to support them to be REAL leaners for the world of tomorrow.

Mhogers

Michael Rogers Principal



COURSE ORGANISATION

The Junior Secondary years of study are integral in supporting students with the foundational learning required to be successful in their chosen pathway for senior schooling, and their learning in the REAL world following Year 12. At Mango Hill State Secondary College, we aim to provide a seamless progression of study for our students, with a focus on developing their knowledge of the curriculum and associated pathways available to them.

Our course organisation encourages students to experience the range of learning areas offered under the Australian Curriculum in Years 7-10, inspiring them to think about their interests, face challenges with a growth mindset, and position them to make informed decisions about their pathway for senior. The progression of our programs are deliberate and intentional, leveraging learning to support every students' potential.

Australian Curriculum Year 7 - 9 Australian Curriculum and Vocational Pathways Year 10 QCAA General and Applied Subjects and Vocational Pathways Year 11 and 12

Course Organisation in Year 7 – 9

Students in year 7 to 8 engage in the compulsory learning areas of the Australian Curriculum, delivered through a set program of learning. During Year 9, compulsory core learning areas are continued for all students, with the provision of elective choices for a range of subjects. The table below outlines the set program for students in Year 7 - 9.

	YEAR 7	YEAR 8	YEAR 9	
Subject studied for two semesters (year-long)	- English - Mathematics - Science			
Subject studied for one semester only	- History - Geography - Health and Physical Educati - Italian (Languages)	on	- History - Health and Physical Education	
Electives subjects studied for one term each in Year 7 and 8. Electives studied for one semester each in Year 9	 Dance Drama Digital Technology Materials and Music Visual Art Digital Technology Materials and Humanities and 			
Access	Student wellbeing lesson, studied once a week in all year levels			
Interschool and Recreational Sport	Thursday afternoons, during Session 4			

SUBJECT PATHWAYS

The following table shows options for a progression of learning from year 7 - 12, informed by the Australian Curriculum and the Queensland Curriculum and Assessment Authority (QCAA) Senior General and Applied subjects. Please note that decision making regarding senior pathways will be made as the college progresses towards the introduction of Year 11 in 2023. These subjects are listed as a guide only, and do not include a coverage of the vocational pathways that the college will provide in future years.

YEAR 7/8	YEAR 9	YEAR 10	REPRESENTATIVE YEAF	R 11 AND 12 SUBJECTS		
English			Essential English (Applied)	Literature (Conoral)		
			English (General)	Literature (General)		
		Mathematics	Essential Mathematics (Applied)	Mathematical Methods (General)		
Mathematics		Mathematics Extension	General Mathematics (General)	Specialist Mathematics (General)		
			Science in Practice (Applied)	Biology (General)		
Science			Chemistry (General)			
			Physics (General)	Psychology (General)		
			Social and Community Studies (Applied)	Modern History (General)		
Humanities and Social Sciences History (CORE) Geography Economics and Bu Civics and Citizens	Isiness	Business Studies (Applied)	Ancient History (General)			
	Civics and Citizenship (Legal Studies)		Business (General)			
			Geography (General)	Legal Studies (General)		
Italian			Italian (General)			
Health and Phy	vsical Education		Health (General) Physical Education (General)	Sport and Recreation (Applied)		
Digital	Digital Technologies		Information, Communication and Technology (Applied)	Digital Solutions (General)		
Engineering princi		iples and systems	Hospitality Studies (Applied)	Design (General)		
Technologies	Materials and technologies specialisations Food specialisations		Engineering Skills (Applied)	Engineering (General)		
			Furnishing Skills (Applied)	Food and Nutrition (General)		
	Dance		Dance		Visual Art (General)	Drama (General)
The Arts	Drama Music Visual Art		Arts in Practice (Applied)	Film, Television and New Media (General)		
	Media		Dance (General)	Music and Music Extension (General)		

note that the subject offerings for senior schooling listed in this table are provided to support an understanding of the possible progression from Junior Secondary to Senior Schooling, Australian Curriculum to QCAA offerings. This table does not show vocational offerings the college intend to offer our students in future years. Decision making regarding senior pathway offerings is ongoing and will align to the needs of our college community as it grows.

CHOOSING ELECTIVES IN YEAR 9

Students in Year 9 will have the **choice of four elective subjects** to study throughout the year, each studied for one semester. Electives must be chosen from the subject offerings detailed below, and **students must choose a minimum** of one from each of the learning areas listed. The fourth choice can be any of the subjects listed that have not already been selected.

THE ARTS	TECHNOLOGY	HUMANITIES AND SOCIAL SCIENCES / LANGUAGES
Dance	Digital Technologies	Geography
Drama	Materials & technologies	Economics & Business
Music	specialisations	Civics and Citizenship
Visual Art	Food specialisations	Italian
Media	Engineering principles & systems	

Subject selection is a collaborative and informed process. Students will engage in subject offering reviews as part of their Access program in Term 3, leading into the subject selection process being opened. This ensures students have an awareness of the subjects on offer, why they should choose these subjects, and how they might support or influence their pathways into senior schooling and beyond. These Access lessons, along with this course guide, are integral in supporting students to make their choices.

Students are also encouraged to discuss their elective choices with their teachers. College staff have an understanding of their strengths and areas for development, and will be able to give them guidance on the appropriateness of their subject choices. And most importantly, students should discuss their choices with their parents and carers. At any stage, students needing extra guidance are encouraged to meet with the Year Level Deputy Principal or Guidance Officer, who can provide them with further support regarding subject selection.

How to Choose Subjects:

When making subject choices at any juncture throughout schooling, the subjects you choose should be ones which:

- You are interested in
- You have experienced past success in
- May lead you to your preferred career path
- May optimise your potential in future subjects (i.e. prior learning as a pre-requisite)
- Provide you with a balanced range of subjects, to support developing interests in many areas and offer flexibility for senior pathways.

Common Mistakes When Choosing Subjects:

- Choosing a subject because your friend chose it there can be several classes of a subject, so even if you do the same subject, you won't necessarily be in the same class
- Choosing subjects so you can avoid, or have, a particular teacher there is no guarantee you will have any particular teacher
- Choosing a subject because someone told you that you had to you should make you own mind up about what you enjoy or think you want to study. Someone else's choice or opinion might not be what is best for you
- Choosing a subject because you think it will be easy students do best at subjects they are genuinely interested in and want to study. It is important to have a growth mindset, and to choose subjects you know you are interested in, even if you think they might be challenging.

CHOOSING ELECTIVES IN YEAR 9 cont.

What if I change my mind?

It is important that time is taken to ensure that the subject selection process is an accurate reflection of what a student wants to study in the following year. While the subject selection process is open, students can adjust their subject selections at any time. After the selection process closes, subject selection information will be the primary data used by the college to confirm subject offerings and timetabling for the next year. The opportunity to change will be minimal. Changes should be discussed at the earliest convenience with the relevant Year Level Deputy Principal. The college is not able to guarantee availability of an elective offering for a student who wishes to change their electives after the process has been finalised and planning for the future year completed.

How are subject selections completed?

Subject selections are completed through OneSchool, accessible by students at <u>https://oslp.eq.edu.au</u>. Students will be able to access the subject selection platform at a specified time in Term 3. Students will be supported to complete their selection process during Access, and will be able to receive guidance on request while the platform is open, to assist them to make their selections.

Subject selections, once completed, are printed and signed by a parent and carer, and returned to the college via the Administration Building. This process is required to ensure that parents and carers are aware of the choices students are making. It is important to note that any changes made to selections after online submission is completed must be done online, and not on the paper copy. Changes to paper copies only will not be actioned.

Confirmation of subject offerings:

Following subject selections closing, the college will review all selections made to identify what subjects are confirmed for the following year. This decision making is informed by student interest in subjects, and the staffing capacity of the college. The college will confirm subject offerings for students mid to late Term 4, in preparation for the following year.

Whilst every effort is made to accommodate a student's preference, scheduling and the availability of resources will mean that not every student can be assigned to their first preference. When a class/subject reaches maximum capacity, no additional students can be enrolled into that class/subject. Therefore, students are asked to select two (2) preferences as part of the subject selection process that they are prepared to study.

Students also need to be aware that the availability of a particular subject for an individual student is dependent upon a number of important factors. These include:

- The time of submission of elective preferences or changes to preferences
- Availability of staff and physical resources such as specialist classrooms
- Class size numbers
- Selection processes in specialist classes (where applicable).

Student Resource Scheme:

The following pages provide a summary of the subjects studied in Junior Secondary, including both compulsory and elective offerings. Please refer to the information provided which relates to Extracurricular Opportunities and Subject Requirements such as subject fees, when choosing subjects. At the time of publication, the current SRS does not involve additional subject fees for elective subjects.

KEY CONTACTS

Parents, carers and students wishing to seek further guidance to support subject selections are encouraged to do so. Below is a summary of key staff who can provide additional support regarding subject offerings, suitability of a subject, or support with the subject selection platform.

Deputy Principal – Teaching and Learning
For general support regarding the selection process including use of the OneSchool platform
Deputy Principal – School Performance
For general support regarding the selection process including use of the OneSchool platform.
Guidance Officer
For career planning and alignment with subject offerings.
Head of Department – Inclusion and Engagement
For support regarding subject selections for diverse learners.
ing specific subject offerings
Head of Department – Mathematics and Science
Head of Department – English and Humanities
Head of Department – Health and Physical Education, Sport, The Arts
Head of Department – Digital and Design Technologies
Head of Department – Learning Innovation and Languages
Head of Department – Senior Schooling



ENGLISH AND HUMANITIES DEPARTMENT



ENGLISH HISTORY GEOGRAPHY CIVICS & CITIZENSHIP ECONOMICS & BUSINESS

ENGLISH AND HUMANITES









ENGLISH

CORE SUBJECT

The study of English is central to the learning and development of all young Australians. It helps create confident communicators, imaginative thinkers and informed citizens. In English, individuals learn to analyse, understand, communicate and build relationships with others and with the world around them. The study of English plays a key role in the development of reading and literacy skills which help young people develop the knowledge and skills needed for education, training and the workplace. It helps them become ethical, thoughtful, informed and active members of society.

Course Outline and Assessment Summary

YEAR 7	YEAR 8	YEAR 9
Topics	Topics	Topics
Myths, Legends & Fairy Tales	Advertising	Understanding Documentaries
Creative Writing	Memoirs & Creative Writing	Crime, Fiction & Forensics
Film Study	Understanding Media Texts	Literature Study: Play
Novel Study	Novel & Film Study	Poetry

Assessment Tasks will include:

- Persuasive writing and speaking
- Creative writing written and multimodal stories
- Spoken podcast and group discussions
- Exams listening exam, short response exam (analyse and evaluate texts)
- Written articles and analytical essays

Extracurricular Opportunities and Subject Requirements:

- Voices on the Coast Literature Festival (Term 1) University of the Sunshine Coast
- Brisbane Writer's Festival (Term 3)
- Writing or speaking competitions student nominated
- Performances related to curriculum determined as programs are released

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying English, students will develop the ability to:

- Read, listen to, view, comprehend, and appreciate a range of texts literary and non-literary
- Analyse and evaluate texts
- Communicate their ideas in written and spoken forms
- Participate in class and group discussions

Pathways through Secondary

JUNIOR SECONDARY				SENIOR SCH	IOOLING
YEAR 7	YEAR 7 YEAR 8 YEAR 9			YEAR 11	YEAR 12
The study of English is compulsory for students in Year 7 – 10 under the				Literature (General)	
Australian Curriculum.			E	English (General)	
				Essen	itial English (Applied)

Possible Careers

- Entertainment or media field
- Law and justice studies
- Education

- Journalism or marketing
- Humanities or Creative Industries fields
- Business or Tourism

History is a process of inquiry into the past that develops students' curiosity and imagination. It promotes the understanding of societies, events, movements and developments that have shaped humanity. It helps students appreciate how the world and its people have changed, as well as the significant continuities that exist to the present day. It is interpretative by nature, promotes debate and encourages thinking about human values. The process of historical inquiry develops transferable skills such as the ability to ask relevant questions; critically analyse and interpret sources; consider context; respect and explain different perspectives; develop and substantiate interpretations, and communicate effectively. The 7–10 curriculum generally takes a world history approach within which the history of Australia is taught. It does this to equip students for the world (local, regional and global) in which they live, including the experiences of Aboriginal and Torres Strait Islander Peoples, and those of people and places in the Asia and Pacific regions.

Course Outline and Assessment Summary

 Short Response exams Extended Response assignments Independent Source Investigations Projects 	YEAR 7	YEAR 7 YEAR 8 YEAR 9				
 Extended Response assignments Independent Source Investigations Projects Extracurricular Opportunities and Subject Requirements: Abbey Museum excursions National History Challenge 	Investigating the Ancient World	Medieval Europe – the Black Death	World War I			
 Extended Response assignments Independent Source Investigations Projects Extracurricular Opportunities and Subject Requirements: Abbey Museum excursions National History Challenge 	Assessment Tasks will include:					
 Independent Source Investigations Projects Extracurricular Opportunities and Subject Requirements: Abbey Museum excursions National History Challenge 	Short Response exams					
 Projects Extracurricular Opportunities and Subject Requirements: Abbey Museum excursions National History Challenge 	•					
 Extracurricular Opportunities and Subject Requirements: Abbey Museum excursions National History Challenge 	Independent Source Investigation	ons				
National History Challenge	Projects					
National History Challenge	Extracurricular Opportunities and Subject	t Requirements:				
National History Challenge	Abbey Museum excursions					
	National History Challenge					
 Performances related to curriculum – determined as programs are released 			d			
	admission and/or transport	t where applicable, and are advertised durin	ng the lead up to the event.			

REAL learning for tomorrow

Through studying History, students will develop the ability to:

- Understand the way that groups of people and civilisations develop over time
- Analyse and interpret evidence from the past
- Design and conduct investigations using the inquiry process
- Think critically about the past and the impact of events, groups and individuals on society
- Communicate historical knowledge and the findings of investigations in a range of formats

Pathways through Secondary

JUNIOR SECONDARY				SENIOR SCH	IOOLING
YEAR 7 YEAR 8 YEAR 9			YEAR 10	YEAR 11	YEAR 12
The study of History is compulsory for students in Year 7 – 10 under the				Ancie	ent History (General)
Australian Curriculum.			Mode	ern History (General)	
				Social and C	ommunity Studies (Applied)

Possible Careers

- Archaeology, Anthropology, Sociology
- Law
- Education

- Libraries / Museums / Universities
- Journalism
- International Relations / Diplomacy

GEOGRAPHY

CORE SUBJECT

It is critical to the wellbeing and sustainability of the environment and society that young Australians develop a holistic understanding of the world. The study of Geography develops deep knowledge and understanding of why the world is the way it is and the interconnections between people, places and environments over place and time. It empowers students to shape change for a socially just and sustainable future. Geography inspires curiosity and wonder about the diversity of the world's places, peoples, cultures and environments. Geography teaches students to respond to questions in a geographically distinctive way; plan inquiries; collect, evaluate, analyse and interpret information; and suggest responses to what they have learnt.

Course Outline and Assessment Summary

YEAR 7	YEAR 8
Topics	Topics
Water in the World	Landforms and Landscapes – Earthquakes, Volcanoes,
Place and Liveability	Tsunamis
	Changing Nations – Urbanisation, megacities, sustainable
	cities

Assessment Tasks will include:

- Exams combination of short and extended response
- Independent Investigations
- Projects and Reports

Extracurricular Opportunities and Subject Requirements:

- Excursions related to curriculum content field trips
- Practical activities in the classroom
- Australian Geography Competition
- Video Competitions e.g.: Citizens of the Great Barrier Reef

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Geography, students will develop the ability to:

- Understand the systems and processes of the Earth and how people interact with, and are impacted by them
- Conduct geographical inquiries by collecting, evaluating, analysing and interpreting data and information
- Propose solutions to problems related to the physical and natural environment
- Think critically and creatively through collaboration
- Develop citizenship skills through active and ethical participation in groups and society

Pathways through Secondary

JUNIOR SECONDARY				SENIOR SCHOOLING	6
YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12
The study of Geography is compulsory for students in Years 7		Geography Elective	Geography Elective	Geography	(General)
	 – 8 under the Australian Curriculum. 			Social and Communi	ty Studies (Applied)

Possible Careers

- Environmental Science
- Conservation and land management
- Education

- Landscape Architect / Town Planning
- Surveyor / Engineering
- Climatologist / Meteorologist

The Year 9 Geography elective builds on learning completed in Year 7 and 8 as part of the Humanities curriculum. There are two units of study in the Year 9 curriculum for Geography.

Unit 1 focuses on 'Biomes and food security'. This unit explores the different features of the earth's biomes – marine environments, freshwater environments, deserts, forests, grasslands, and tundras. Students will examine the role these biomes play as a source of food and fibre production, and the challenges of the future.

Unit 2 focuses on 'Geographies of interconnections'. This unit focuses on how people are connected to places, and how transport and technology connects people from around the world. Students will explore issues of trade, production and consumption of goods, as well as the effect of people's travel, recreational, cultural or leisure choices on places in the world.

Course Outline and Assessment Summary

YEA	AR 9		
Unit 1	Unit 2:		
Biomes and Food Security	Geographies of Interconnections		
In this unit, students investigate issues of the impact of	In this unit, students explore the way people use the places		
human activity on clean water, how to feed growing	they live – in cities, in regions, and in other countries. We		
populations, and to develop ideas that can secure our food look at the changing trends of tourism, trade,			
for the future.	communication, transport and leisure in urban		
	environments.		
Assessment Tasks will include:			
 Exam – combination of short and extended response 			
 Investigations – field and data report 			
Extracurricular Opportunities and Subject Requirements:			
• Excursions related to curriculum content – e.g. Interconnections unit excursion to the City and Southbank			
 Practical activities in the classroom – e.g. making biomes from Lego 			
Australian Geography Competition			
 Video Competitions – e.g. Citizens of the Great Barrier Reef 			
-	nay enhance learning in this subject. Associated costs cover nd are advertised during the lead up to the event.		

REAL learning for tomorrow

Through studying Geography, students will develop the ability to:

- Understand the systems and processes of the Earth and how people interact with, and are impacted by them
- Conduct geographical inquiries by collecting, evaluating, analysing and interpreting data and information
- Propose solutions to problems related to the physical and natural environment
- Think critically and creatively through collaboration
- Develop citizenship skills through active and ethical participation in groups and society

Pathways through Secondary

JUNIOR SECONDARY			SENIOR SCHOOLING		
YEAR 7 YEAR 8 YEAR 9		YEAR 10	YEAR 11	YEAR 12	
The study of Geography is compulsory for students in Years 7 – 8 under the Australian Curriculum.		Geography Geography Elective Elective	Geography (General)		
				Social and Community Studies (Applied)	

Possible Careers

- Environmental Science
- Conservation / Park Ranger
- Education

- Landscape Architect / Town Planning
- Surveyor / Engineering
- Climatologist / Meteorologist

CIVICS AND CITIZENSHIP

The Year 9 curriculum builds student understanding of the features and principals of Australia's court system, and its role in applying and interpreting Australian law. Students examine how Australian society is shaped by global connections. This course also develops an understanding of Australia's legal and political system, and how political parties, interest groups, the media, and individuals influence our society and our government.

Course Outline and Assessment Summary

YEA	YEAR 9						
Unit 1	Unit 2						
Laws and Justice	Citizenship and Diversity						
In this unit, students will examine the key features of Australia's court systems, and how courts apply and interpret the law, resolve disputes, and make judgements. Through applying this to case studies, they will develop an understanding of the key principles of Australia's justice system.	In this unit, students will understand how individuals and groups from a range of backgrounds contribute to being an Australian citizen. They will examine how the government, politics and the media shapes our ideas.						
Assessment Tasks will include: Investigation – inquiry task 							
Project Extracurricular Opportunities and Subject Requirements:							
 Excursions related to curriculum content e.g. Boggo Road Gaol (Las and Justice Unit) Competitions relevant to subject matter 							
-	nay enhance learning in this subject. Associated costs cover nd are advertised during the lead up to the event.						
EAL learning for tomorrow							

Through studying Civics and Citizenship, students will develop the ability to:

- Develop their understanding of being a global citizen
- Think critically to evaluate information and points of view in a range of different scenarios
- Apply knowledge to real life case studies
- Communicate points of view, and empathise with people of diverse backgrounds
- Collaborate to propose solutions to real world problems

Pathways through Secondary

JUNIOR SECONDARY			SENIOR SCHOOLING		
YEAR 7	YEAR 8	YEAR 9	YEAR 10 YEAR 11 YEAR 12		
The study of Civics and Citizenship is compulsory for students in Years 7 – 8 under the Australian Curriculum.		YEAR 9YEAR 10Civics and CitizenshipCivics and CitizenshipElectiveElective	Legal Studies (General) Social and Community Studies (Applied)		
				Cert IV Crime and J	ustice (VET course)

Possible Careers

- Law
- Police / Criminology
- Social Work

- Education
- Politics
- Journalism and Media field

ECONOMICS AND BUSINESS

This subject develops students understanding of economics and business concepts by exploring the interactions within the global economy. Students are introduced to the concept of an 'economy' and explore what it means for Australia to be part of the Asia region and the global economy. They examine how different people and groups interact in a global economy, and the impact of decisions made by individuals, businesses and governments.

Course Outline and Assessment Summary

YEAR 9						
Unit 1	Unit 2					
Economics & Innovation	Entrepreneurship: The Business Life Cycle					
In this unit, students will examine how businesses use the elements of marketing to successfully provide their customers with a product or service. They will investigate local businesses, experience group activities, and simulate	In this unit, students will study the business environment and learn about the business lifecycle. They will examine why businesses need to create competitive advantages, consumer behaviour, and trading partners.					
businesses and products.	Students will create a microbusiness and run a stall selling a product at our Mango Market event.					
Assessment Tasks will include:						
 Exam – combination of short and extended response Investigation – project 						
Extracurricular Opportunities and Subject Requirements:						
 Excursions related to curriculum content e.g. Australia Zoo excursion (Marketing Unit) National Business Competitions 						
These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover						

admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Business, students will develop the ability to:

- Develop practical knowledge and skills to participate and work in a range of business contexts
- Compare and contrast types of businesses
- Understand the different types of markets and competitions
- Think critically to evaluate businesses and markets

Pathways through Secondary

JUNIOR SECONDARY			SENIOR SCHOOLING		
YEAR 7	YEAR 8	YEAR 9	YEAR 10 YEAR 11 YEAR 12		
compulsory for 7– 8 under t	f Business is students in Years he Australian culum.	Economics and Business Elective	Economics and Business Elective	Business Business Stuc Cert III Business / Busine	lies (Applied)

Possible Careers

- Business Owner
- Entrepreneur
- Bank officer

- Accountant / Tax Agent
- Financial Adviser
- Retail manager / worker









MATHEMATICS AND Science









Learning mathematics creates opportunities for and enriches the lives of all Australians. Mathematics provides students with essential skills and knowledge in number and algebra, measurement and geometry, and statistics and probability. It develops the numeracy capabilities that all students need in their personal, work, and civic life, and provides the fundamentals on which mathematical specialties and professional applications of mathematics are built. Mathematics aims to instil in students an appreciation of the elegance and power of mathematical reasoning. The curriculum focuses on developing increasingly sophisticated and refined mathematical understanding, fluency, reasoning, and problem-solving skills. These proficiencies enable students to respond to familiar and unfamiliar situations by employing mathematical strategies to make informed decisions and solve problems efficiently.

Course Outline and Assessment Summary

YEAR 7	YEAR 8	YEAR 9
Topics	Topics	Topics
Number	Number	Number
Algebra	Algebra	Algebra
Measurement and Geometry	Measurement and Geometry	Measurement and Geometry
Statistics and Probability	Statistics and Probability	Statistics and Probability

Assessment Tasks will include:

 Examinations - Short response exams including understanding and fluency, problem solving and reasoning questions

• Problem Solving and Modelling Task – hands on practical assignment

Extracurricular Opportunities and Subject Requirements:

- Possible excursion aligned to PSMT task (Determined as programs are released)
- Brisbane North Mathematics Competition held Narangba (Student Nomination)
- Mathematic Competitions (Various Student Nomination)

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through Studying Mathematics, student will develop the ability to:

- Recall and use facts, definitions, technologies and procedures to find solutions for real life problems
- Use mathematical terminology, diagrams, conventions and symbols
- Systematically apply relevant problem-solving approaches to investigate life related concepts
- Develop mathematical models and representations of life related concepts

Pathways through Secondary

JUNIOR SECONDARY			SENIOR SCHOOLING			
YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12	
The study of M	The study of Mathematics is compulsory for students in Year 7 – 10				Essential Mathematics (Applied)	
	under the Australian Curriculum.			General Mathematics (General)		
				Mathema	atical Methods (General)	
				Specialis	t Mathematics (General)	

Possible Careers

A study of Mathematics can lead students to career pathways including:

- Engineering
- Finance
- Architecture

- Trades (Electrician)
- Science
- Automotive Industry

Science provides an empirical way of answering interesting and important questions about the biological, physical and technological world. The knowledge it produces has proved to be a reliable basis for action in our personal, social and economic lives. Science is a dynamic, collaborative, and creative human endeavor arising from our desire to make sense of our world through exploring the unknown, investigating universal mysteries, making predictions, and solving problems. Science knowledge is contestable and is revised, refined and extended as new evidence arises.

The Australian Curriculum: Science provides opportunities for students to develop an understanding of important science concepts and processes, the practices used to develop scientific knowledge, of science's contribution to our culture and society, and its applications in our lives. The curriculum supports students to develop the scientific knowledge, understandings and skills to make informed decisions about local, national and global issues and to participate, if they so wish, in science-related careers.

Course Outline and Assessment Summary

Year 7	Year 8	Year 9
Topics	Topics	Topics
Biology (Ecosystems)	Biology (Cells, Organs, Body)	Biology (Biological Systems)
Chemical (Mixtures)	Chemical (Chemical Changes)	Chemical(Radioactivity)
Earth and Space (Sun, Moon Earth)	Earth and Space (Rock Formation)	Earth and Space (Geology)
Physical Sciences (Forces)	Physical Sciences (Energy Transfer)	Physical Sciences (Energy Transfer) Psychology
Assessment Tasks will include:		
• Examinations - Short response	exams	
Experimental Inquiry		
Research Task		
Extracurricular Opportunities and Subjec	t Requirements:	
 Possible assessment excursion are released) 	/incursion aligned to research or experime	ntal inquiry task (determined as program
• Science Competitions (Various	 Student Nomination) 	
Science Club		
	ricular events that may enhance learnin able, and are advertised during the lead up	

REAL learning for tomorrow

Through Studying Science, students will develop the ability to:

- Explain chemical processes and describe models of energy transfer
- Explain global features and events in terms of geological processes and timescales
- Analyse how biological systems function and respond to external changes
- Describe social and technological factors that have influenced scientific developments and predict how future applications of science and technology may affect people's lives

Pathways through Secondary

JUNIOR SECONDARY		SENIOR SCHOOLING			
YEAR 7	YEAR 8	YEAR 9	YEAR 10 YEAR 11 YEAR 12		YEAR 12
The study of Science is compulsory for students in Year 7 – 10 under the			Science in Practice (Applied)		
Australian Curriculum.			Biology (General)		
				Chemistry (General)	
				Physics (General)	
			Psychology (General)		
Dossible Caroor					

Environmental Science

Possible Careers

A study of Science can lead students to career pathways including:

• Engineering

Geology

Research

Chemist

- Medical ScienceForensics
- Meteorology

1

LEARNING INNOVATION AND LANGUAGES DEPARTMENT



TO LEARN A LANGUAGE IS TO HAVE ONE MORE WINDOW TO LOOK AT THE WORLD

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ITALIAN

It is well known that there are many cognitive benefits to learning a language. Studying Italian stimulates the brain by boosting problem solving abilities, and improving memory and critical thinking skills. The mental flexibility that studying Italian provides to students will also see them improve in other subject areas that require problem solving and critical thinking skills. Studying Italian also provides students with an understanding of culture and diversity which is essential in today's globally connected world.

Course Outline and Assessment Summary

YEAR 7	YEAR 8
Topics	Topics
Buongiorno – All about me	How do I express my self-identity?
Character Portraits	What's for dinner?

Assessment Tasks will include:

- Multimodal tasks (with both written and spoken components, digital and physical) •
- Presentations and conversations in language
- Imaginative and creative writing tasks
- Exams listening and reading comprehension and short response in language

Extracurricular Opportunities and Subject Requirements:

- Local and regional speaking competitions
- Italian cooking experiences •
- Transition and immersion days on and off campus
- Italian Language Competitions

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL Learning for Tomorrow

Through studying Italian, students will develop the ability to:

- Read, listen to, view, comprehend, and appreciate a range of texts
- Communicate their ideas in Italian through written and spoken forms
- Develop natural sounding Italian speech with correct pronunciation, intonation and flow
- Participate in class, group and independent activities

Pathways through Secondary

JUNIOR SECONDARY				SENIOR SCHOOLING	
YEAR 7 YEAR 8 YEAR 9			YEAR 10	YEAR 11	YEAR 12
student in Year 7	n is compulsory for – Year 8 under the Curriculum	Language Elective	Language Elective	Italian (C	General)

Possible Careers

A study of Italian can lead to career pathways including:

Education

Healthcare

Journalism

Travel Industry

- Airline Industry
- Interpreter / Translator
- Hospitality
- **Customer Service**

ITALIAN

YEAR 9 ELECTIVE

This subject extends on language and communicative skills established in junior Italian. Students who continue a language learning pathway build a greater understanding of culture and diversity which is essential in today's globally connected world. The mental flexibility that studying Italian provides to students will also see them improve in other subject areas that require problem solving and critical thinking skills. Through an immersive language focus, students will develop communicative competence to use conversation Italian in both written and spoken form, whilst also learning skills to translate and interpret simple written texts in Italian.

Course Outline and Assessment Summary

YE/	YEAR 9						
Unit 1	Unit 2						
You and Me – Youth Cultures	Best Job in the World						
In this unit students explore how Australian and Italian- speaking youth experience and perceive their culture. They will develop skill in language to describe these experiences and have opportunities to converse with native speakers.	In this unit, students understand how language and culture influence communication within the world of employment. They will focus on functional language within the workplace and potential employment.						
-	 Assessment Tasks will include: Extended multimodal responses – combination of short and extended response in spoken and written language Examinations – seen and unseen Italian language stimulus in both visual and aural form 						
Extracurricular Opportunities:							
Local and regional speaking competitions							
Lead Learner excursions to primary school Italian celebrations							
 Italian Language Centre excursion Senior Italian Tour (tentative) 							

REAL Learning for Tomorrow

Through studying Italian, students will develop the ability to:

- Read, listen to, view, comprehend, and appreciate a range of texts
- Communicate their ideas in Italian through written and spoken forms
- Develop natural sounding Italian speech with correct pronunciation, intonation and flow
- Participate in class, group and independent activities

Pathways through Secondary

JUNIOR SECONDARY			SENIOR SCHOOLING		
YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12
student in Year 7	n is compulsory for – Year 8 under the Curriculum	Language Elective	Language Elective (Year long)	Italian ((General)

Possible Careers

A study of Italian can lead to career pathways including:

- Education
- Journalism
- Travel Industry
- Healthcare

- Airline Industry
- Interpreter / Translator
- Hospitality
- Customer Service

HEALTH AND PHYSICAL EDUCATION AND THE ARTS DEPARTMENT



HEALTH & Physical Education

DANCE DRAMA MUSIC VISUAL ART

HEALTH PHYSICAL EDUCATION THE ARTS









HEALTH AND PHYSICAL EDUCATION

In an increasingly complex, sedentary and rapidly changing world it is critical for every young Australian to not only be able to cope with life's challenges but also to flourish as healthy, safe and active citizens in the 21st century. In Health and Physical Education, students develop the skills, knowledge, and understanding to strengthen their sense of self, and build and manage satisfying, respectful relationships. They learn to build on personal and community strengths and assets to enhance safety and wellbeing. Students learn to navigate a range of health-related sources, services and organisations. As a foundation for lifelong physical activity participation and enhanced performance, students acquire an understanding of how the body moves, and develop positive attitudes towards physical activity participation.

Course Outline and Assessment Summary

YEAR 7	YEAR 7 YEAR 8 YEAR 9						
Topics	Topics	Topics					
Unit 1 – Team Building	Unit 1 – Enhancing Mental Health	Unit 1 – Eat, Sleep, Train, Repeat					
Unit 2 – Performance Enhancement	Unit 2 – Performance Enhancement	Unit 2 – Risky Business					
Assessment Tasks will include: • Research tasks • Portfolio of work • Examinations – response to stin • Practical application	 Portfolio of work Examinations – response to stimulus 						
 Extracurricular Opportunities and Subject Requirements: Year 9 HPE may include excursions for students to experience challenge and adventure activities as part of the curriculum. These will not be included in the SRS but will be charged separately. These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event. 							

REAL learning for tomorrow

Through studying Health and Physical Education, students will develop the ability to:

- develop health literacy accessing and using credible health information to make healthy choices
- build the skills to work in a team to achieve various theoretical and practical outcomes
- assess performance and apply feedback to enhance their performance in a range of practical activities and sports.

Pathways through Secondary

JUNIOR SECONDARY			SENIOR SCHOOLING			
YEAR 7	YEAR 7 YEAR 8 YEAR 9 YEAR 10			YEAR 11 YEAR 12		
				Physica	al Education (General)	
The study of Health and Physical Education in Year 7 - 10 is compulsory under the Australian Curriculum.				Health (General)		
				Sport and Recreation (Applied)		
					Cert III Fitness (VET)	
				Cert III in Health Services Support		

Possible Careers

A study of Health and Physical Education can lead students to career pathways including:

- Personal trainer / High performance coach
- Out of school hours carer
- Nutritionist
- Outdoor recreation leader

- Physiotherapist
- Aged care work
- Social work / support services
- Nurse / Health Worker

Dance is expressive movement with purpose and form. Through dance, students represent, question and celebrate human experience, using the body as the instrument and movement as the medium for personal, social, emotional, spiritual and physical communication. Like all art forms, dance has the capacity to engage, inspire and enrich all students, exciting the imagination and encouraging students to reach their creative and expressive potential. Students choreograph, rehearse, perform and respond as they engage with dance practice and practitioners in their own and others' cultures and communities.

Course Outline and Assessment Summary

YEAR 7					
"The Lost Thing"					
This concept is explored in both Year 7 Dance & Drama					
Students investigate what Dance is in a social and cultural context and how it is used to tell a story. The Lost thing, a book I Shaun Tan, is used as a means of inspiration for literal and abstract movement in student choreography.	у				
Assessment Tasks will include:					
Performance of teacher devised choreography					
Group choreography					
 Analysis and response to own and others' dance pieces 					

• Students will also be invited to excursions that allow them to experience professional performances.

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover

admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow:

Through studying Dance, students will develop the ability to:

- actively participate as dancers, choreographers and audiences to promote wellbeing and social inclusion
- build technical and expressive skills to communicate through movement confidently, creatively and intelligently
- explore of the basic components of dance by using the body to communicate and express meaning
- gain confidence
- explore and express their own creativity
- develop technical ability
- demonstrate team work and communication skills

Pathways through Secondary

JUNIOR SE	SENIOR SCHOOLING			
YEAR 7	YEAR 9	YEAR 10	YEAR 11 YEAR 12	
The study of Dance is compulsory for students for 1 term in Year 7 at	Dance Elective	Dance Elective	Dance (General) Cert III in Assisted Dance Teaching	
MHSSC			Cer	tificate III in Dance

Possible Careers

- Dancer
- Choreographer/Director
- Education
- Lighting/set/costume designer
- Entertainment

- Dance photographer / videographer / writer
- Yoga / Pilates instructor
- Agent
- Physical / sports therapist

Dance is expressive movement with purpose and form. Through dance, students represent, question and celebrate human experience, using the body as the instrument and movement as the medium for personal, social, emotional, spiritual and physical communication. Like all art forms, dance has the capacity to engage, inspire and enrich all students, exciting the imagination and encouraging students to reach their creative and expressive potential. Students choreograph, rehearse, perform and respond as they engage with dance practice and practitioners in their own and others' cultures and communities.

Course Outline and Assessment Summary

	Year 9
	Unit 1 – Pioneers of Dance
An explo	pration of the essentials of Jazz, Contemporary and Ballet to pave the way for fundamental technique in Dance.
	Unit 2 – Functions of Dance
	Focuses on the different purposes of Dance, investigating social, ritual and artistic dance.
Assessm	nent Tasks will include:
•	Performance of teacher devised choreography
•	Performance of student devised choreography and group choreography
•	Analysis and response to own and others' dance pieces
•	Research and investigation tasks
•	Technique exams

• Students will also be invited to excursions that allow them to experience professional performances.

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover

admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Dance, students will develop the ability to:

- actively participate as dancers, choreographers and audiences to promote wellbeing and social inclusion
- build technical and expressive skills to communicate through movement confidently, creatively and intelligently
- explore of the basic components of dance by using the body to communicate and express meaning
- gain confidence
- explore and express their own creativity
- develop technical ability
- demonstrate team work and communication skills

Pathways through Secondary

JUNIOR SE	SENIOR SCHOOLING			
YEAR 7	YEAR 9	YEAR 10	YEAR 11	YEAR 12
The study of Dance is compulsory for students	Dance Elective	Dance Elective		Dance (General) e in Practice (Applied)
for 1 term in Year 7 at MHSSC	Licetive	Licetive		tificate III in Dance

Possible Careers

- Dancer
- Choreographer/Director
- Education

- Lighting/set/costume designer
- Entertainment
- Dance photographer/videographer

Drama is the expression and exploration of personal, cultural and social worlds through role and situation that engages, entertains and challenges. Drama has the capacity to engage, inspire and enrich all students, excite the imagination and encourage students to reach their creative and expressive potential. Students learn to think, move, speak and act with confidence. In making and staging Drama, they learn how to be focused, innovative and resourceful, and collaborate and take on responsibilities for Drama presentations. They can explore their imagination and take risks in storytelling through role and dramatic action.

Course Outline and Assessment Summary

Performance tasksScript writing		Topics
Students explore the themes of 'belonging, outcasts, found and lost'. sessment Tasks will include: Performance tasks Script writing		"The Lost Thing"
 Seessment Tasks will include: Performance tasks Script writing 		This concept is explored in both Year 7 Dance and Drama.
Script writing		Students explore the themes of 'belonging, outcasts, found and lost'.
Script writing	sessme	ent Tasks will include:
	•	Performance tasks
 Analysis and response to own and others' pieces 	•	Script writing
	•	Analysis and response to own and others' pieces
	•	Students in will have the opportunity to extend their love of drama by auditioning for the College Drama Troupe

• Students will have the opportunity to participate in incursions, excursions and workshops throughout the year (additional cost)

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Drama, students will develop:

- confidence and self-esteem to explore, take risks and challenge their own creativity
- an ability to engage an audience and create meaning
- a knowledge and understanding of traditional and contemporary Drama and its importance in our world
- 21st century skills, such as critical and creative thinking and interpersonal skills
- strong teamwork and communication skills
- creativity

Pathways through Secondary

JUNIOR SE	SENIOR SCHOOLING			
YEAR 7	YEAR 9	YEAR 10	YEAR 11	YEAR 12
The study of Drama is compulsory for students for	Drama Elective	Drama Media Arts	Drama (General) Drama in Practice (Applied)	
1 term in Year 7 at MHSSC		Elective		mmunity Dance, Theatre and Events ate IV in Musical Theatre

Possible Careers

- Actor
- Journalist
- Education
- Screenwriter

- Performer
- Stage manager
- Theatrical producer
- Writer

Drama is the expression and exploration of personal, cultural and social worlds through role and situation that engages, entertains and challenges. Drama has the capacity to engage, inspire and enrich all students, excite the imagination and encourage students to reach their creative and expressive potential. Students learn to think, move, speak and act with confidence. In making and staging Drama, they learn how to be focused, innovative and resourceful, and collaborate and take on responsibilities for drama presentations. They can explore their imagination and take risks in storytelling through role and dramatic action.

Course Outline and Assessment Summary

	Year 9
	Topics
	Unit 1 – Children's theatre
	Students will explore social issues and transform these issues into teachable moments in the form of Children's Theatre.
	Unit 2 – Shaking up Shakespeare
	Contextualising a classic into a modern scene, pitching their modern ideas to a 'directorial board' for consideration
ssessm	nent Tasks will include:
•	Performance tasks
•	Script writing
•	Analysis and response to own and others' pieces
•	Directorial vision pitch
	· · · ·
xtracur	rricular Opportunities and Subject Requirements:
•	Students will have the opportunity to participate in incursions
•	Students will be required to provide a set of Stage Blacks (black clothing for performances) and their own costumes for performances.
٠	Students will also be invited to excursions that allow them to experience professional performances.
The	ese events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Drama, students will develop:

- confidence and self-esteem to explore, take risks and challenge their own creativity
- an ability to engage an audience and create meaning
- a knowledge and understanding of the traditional and contemporary Drama and its importance in our world
- 21st century skills, such as critical and creative thinking and interpersonal skills
- strong teamwork and communication skills
- creativity

Pathways through Secondary

JUNIOR SE	SENIOR SCHOOLING				
YEAR 7	YEAR 9	YEAR 10	YEAR 11	YEAR 12	
The study of Drama is compulsory for students for 1 term in Year 7 at MHSSC	Drama Elective	Drama Media Arts Elective	Drama (General) Drama in Practice (Applied) Certificate III in Community Dance, Theatre and		
			Certific	ate IV in Musical Theatre	

Possible Careers

- Actor
- Journalist
- Education
- Screenwriter

- Performer
- Stage manager
- Theatrical producer
- Writer

Students learning Music listen, perform and compose. They learn about the elements of music comprising rhythm, pitch, dynamics and expression, form and structure, timbre and texture. Aural skills, or ear training, are the particular listening skills students develop to identify and interpret the elements of music. Aural skills development is essential for making and responding to a range of music while listening, composing, and performing. Learning through music is a continuous and sequential process, enabling the acquisition, development and revisiting of skills and knowledge with increasing depth and complexity. Students learn to make music using the voice, body, instruments, found sound sources, and information and communication technology. Music is recorded and communicated as notation by a unique system of symbols and terminology, and as audio recordings using technology. With increasing experience of the elements of music, students develop analytical skills and aesthetic understanding

Course Outline and Assessment Summary

YEAR 8

Topics "Like a Version" This concept is explored in both Year 8 Music & Visual Arts.

Students learn how music elements can be manipulated to convey both style/genre and personal identity. They learn a variety of contemporary instruments, selecting one to demonstrate technical and expressive skills. Students compose and respond to their own work using Garageband (iOS) to demonstrate understanding of style/genre and how music elements can be used to express personal identity.

Assessment Tasks will include:

- Compositions
- Performances
- Responding tasks

Extracurricular Opportunities:

- Students may have the opportunity to participate in incursions
- Students will be required to provide a set of wired headphones with a 3.5mm jack.
- Students may also be invited to excursions that allow them to experience professional performances.
- Students may be invited to perform in contemporary music ensembles (lunch time and after school)

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Music, students will develop the ability to:

- develop 21st century skills, such as critical and creative thinking and interpersonal skills
- gain confidence
- explore and express their own creativity
- develop technical ability
- demonstrate team work and communication skills

Pathways through Secondary

JUNIOR SE	SENIOR SCHOOLING			
YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12
The study of Music is compulsory for students for 1 term in Year 8 at MHSSC	Music	Music Elective	(Composition	Music (General) Music Extension n, Musicology, Performance) : in Practice (Applied)

Possible Careers

A study of Music can lead students to career pathways including:

- Musician / Music producer
- Community Arts administrator
- Education
- Songwriter

- Composer / Conductor
 - Recording Engineer / Technician
- Tour Manager / Publicist
- Artist Manager / Booking Agent

YEAR 9 ELECTIVE

Students learning Music listen, perform and compose. They learn about the elements of music comprising rhythm, pitch, dynamics and expression, form and structure, timbre and texture. Aural skills, or ear training, are the particular listening skills students develop to identify and interpret the elements of music. Aural skills development is essential for making and responding to a range of music while listening, composing, and performing. Learning through music is a continuous and sequential process, enabling the acquisition, development and revisiting of skills and knowledge with increasing depth and complexity. Students learn to make music using the voice, body, instruments, found sound sources, and information and communication technology. Music is recorded and communicated as notation by a unique system of symbols and terminology, and as audio recordings using technology. With increasing experience of the elements of music, students develop analytical skills and aesthetic understanding.

Course Outline and Assessment Summary

YEAR 9				
Topics				
Unit 1 – Music for Film, TV and Video Games - Composition				
Exploring the role of music in Film, TV and video games and identifying how music supports and/or enhances visual content.				
Unit 2 – One hit wonder – Performance and Responding				
Investigate the way music is written, produced and performed whilst identifying how songs become classified as "One Hit				
Wonders".				
Assessment Tasks will include:				
Performance tasks				
Composition tasks				
 Analysis and response to their own and others' pieces 				
Research and investigative tasks				
Extracurricular Opportunities and Subject Requirements:				
 Students may have the opportunity to participate in incursions 				
• Students will be required to provide a set of wired headphones with a 3.5mm jack.				
 Students may also be invited to excursions that allow them to experience professional performances. 				
 Students may be invited to perform in contemporary music ensembles (lunch time and after school) 				
These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover				
admission and/or transport where applicable, and are advertised during the lead up to the event.				

REAL learning for tomorrow

Through studying Music, students will develop the ability to build:

- develop 21st century skills, such as critical and creative thinking and interpersonal skills
- gain confidence
- explore and express their own creativity
- develop technical ability
- demonstrate team work and communication skills

Pathways through Secondary

JUNIOR SECONDARY		SENIOR SCHOOLING		
YEAR 8	YEAR 9	YEAR 10	YEAR 10 YEAR 11 YEAR 12	
The study of Music is compulsory for students for 1 term in Year 8 at MHSSC	Music Elective	Music Elective	(Composition	Music (General) Music Extension n, Musicology, Performance) : in Practice (Applied)

Possible Careers

A study of Music can lead students to career pathways including:

- Musician / Music producer
- Community Arts administrator
- Education
- Songwriter

- Composer / Conductor
 - Recording Engineer / Technician
- Tour Manager / Publicist
- Artist Manager / Booking Agent

VISUAL ART

Students engage in Visual Art through an inquiry process of researching, developing, reflecting and resolving to develop their artwork. In this process, they analyse artists and their artworks from a range of cultures and time periods to make connections to the development of their artworks. They then apply their knowledge and understanding, as well as their ideas through art-making skills, techniques and processes across a range of mediums to create artworks. In doing so, students continue to experiment with application of visual conventions in their artworks. Students are also provided the opportunity to present their artwork to an audience.

Course Outline and Assessment Summary

	YEAR 8			
	Topics			
	Unit 1 "Like a Version"			
	This concept is explored in both Year 8 Music & Visual Arts.			
Students will explore the concept of identity using self-portraiture to create an album cover that symbolises who they are.				
Assessment Tasks wi	ill include:			
 Folio of wo 	rk			
Mixed-media self-portrait artwork				
Documentation (incl. artist statement)				
Extracurricular Oppo	ortunities and Subject Requirements:			
	ill be required to provide the items listed on the stationery list			

- Students will be required to provide the items listed on the stationery list
- Students will also be invited to excursions that allow them to experience professional works.
- Students could be invited to exhibit their artwork in school, local or regional exhibitions/ competition. These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover

admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow:

Through studying Visual Art, students will develop the ability to:

- Communicate ideas using a range of modes
- Create new ideas and solutions to problems
- Critically evaluate their artwork, the work of their peers and the work of other artists.
- Apply digital technologies for art-making.

Pathways through Secondary

JUNIOR SECONDARY		SENIOR SCHOOLING		
YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12
The study of Visual Art is compulsory for students	Visual Arts	Visual Arts	Visual Art (General)	
for 1 term in Year 8 at MHSSC	Elective	Elective		Art in Practice (Applied) icate III in Visual Arts

Possible Careers

A study of Visual Art can lead students to career pathways including:

- Visual Artist (Painter, Potter, Sculptor)
- Photographer
- Architect
- Digital design specialist / Graphic / Web Design
- Curator / Historian / Art Gallery Director

- Education
- Fashion / Jewellery Designer
- Makeup Artist
- Art Therapist
- Cartoonist

VISUAL ART

Students engage in Visual Art through an inquiry process of researching, developing, reflecting and resolving to form representations of themes, concepts and subject matter for their artwork. In this process, they analyse artists and their artworks from contemporary art to explore differing viewpoints and make connections to the development of a personal style reflected in their artworks. They experiment with and manipulate art-making materials, techniques, technologies and processes to create artworks. Students are also to organise, curate and market an art exhibition of their artworks to an audience.

Course Outline and Assessment Summary

YEAR 9				
Topics				
Unit 1 – Popular Culture Will focus on responding to the concept of Popular Culture using marketable products to explore art and design in business.				
Assessment Tasks will include:				
Folio of work				
 Marketable Products – skateboard deck, t-shirt and bag. 				
Documentation (incl. reflective statement)				
Multimodal Presentation				
Extracurricular Opportunities and Subject Requirements:				
 There will be a subject levy for Visual Art to cover the cost of materials 				
Students will be required to provide the items listed on the stationery list				

- Students will also be invited to excursions that allow them to experience professional works.
- Students could be invited to exhibit their artwork in school, local or regional exhibitions/ competition

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Visual Art, students will develop the ability to:

- Communicate ideas using a range of modes
- Create new ideas and solutions to problems
- Critically evaluate their artwork, the work of their peers and the work of other artists.
- Apply digital technologies for art-making.

Pathways through Secondary

JUNIOR SECONDARY		SENIOR SCHOOLING		
YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12
The study of Visual Art is	Visual Arts	Visual Arts Elective	Visual Art (General)	
compulsory for students for 1 term in Year 8 at	Elective		Visual Art in Practice (Applied)	
MHSSC			Certif	icate III in Visual Arts

Possible Careers

A study of Visual Art can lead students to career pathways including:

- Visual Artist (Painter, Potter, Sculptor)
- Photographer
- Architect
- Digital design specialist / Graphic / Web Design
- Curator / Historian / Art Gallery Director

- Education
- Fashion / Jewellery Designer
- Makeup Artist
- Art Therapist
- Cartoonist

MEDIA ARTS

YEAR 9 ELECTIVE

Media artists represent the world using platforms such as television, film, video, newspapers, radio, video games, the internet and mobile media. Media Arts is designed as an introductory study to Senior Film, Television and New Media. By studying Media Arts, students will develop knowledge and understanding of how the key media concepts - languages, technologies, audiences, institutions, and representations – underpin media texts. Media Arts engages, inspires and encourages students to express their imagination and creativity. The course involves students making and responding to media arts individually and in production groups. Students will explore and implement the stages of production through design proposals and production of short films as well as apply analysis and critical thinking skills of media representations.

Course Outline and Assessment Summary

YEAR 9

Topics

Unit 1 – Like and Subscribe!

Focusing on production techniques, documentary conventions, social media and audiences to design and produce their own video suitable for YouTube.

Unit 2: The Media Evolution

Explores the history and evolution of the media to analyse differing viewpoints in contemporary and past media art forms.

Assessment Tasks will include:

- Making: Design and Production suitable for YouTube
- Responding: Analysis and evaluation of the power of online media.

Extracurricular Opportunities and Subject Requirements:

- Students will be required to provide the items listed on the stationery list (including iPad and Earphones/headphones).
- Students will also be invited to participate in the MHSSC Film Club.
- Students will be asked to film College events and produce media for MHSSC Parades, Access lessons, special events
- Students could be invited to exhibit their artwork in school, local or regional exhibitions/ competition

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover

admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Visual Art, students will develop the ability to:

- creative development and expression
- appreciation of diverse and changing media texts
- awareness of different experiences of people in different cultural contexts
- analysis and critical thinking
- developing media literacy

Pathways through Secondary

JUNIOR SECONDARY	SENIOR SCHOOLING		
YEAR 9	YEAR 10	YEAR 11	YEAR 12
Media Arts Elective	Media Arts Elective	Film, Televisi	on and New Media (General)

Possible Careers

A study of Visual Art can lead students to career pathways including:

- Information Technologies
- Creative Industries
- Advertising
- Communication

- Education
- Film and Television
- Public Relations
- Journalism

DIGITAL AND DESIGN TECHNOLOGY DEPARTMENT



DIGITAL TECHNOLOGIES DESIGN & TECHNOLOGIES FOOD SPECIALISATIONS MATERIALS & TECHNOLOGY SPECIALISATIONS ENGINEERING PRINCIPLES & SYSTEMS

TECHNOLOGIES DIGITAL AND DESIGN









DIGITAL TECHNOLOGIES

Technologies enrich and impact the lives of people, cultures and societies globally. It is important that as a nation we make connections between creativity, technologies and enterprise as a catalyst for twenty-first century innovation.

Australia needs enterprising individuals who can make discerning and ethical decisions about the use of technologies, independently and collaboratively develop innovative solutions to complex problems, and contribute to sustainable patterns of living.

Digital Technologies engages students in critical and creative thinking, including understanding interrelationships in systems when solving complex problems. When developing solutions in Digital Technologies, students explore, analyse and develop ideas based on data, inputs and human interactions. When students design a solution to a problem they consider how users will be presented with data, the degree of interaction with that data and the various types of computational processing

Course Outline and Assessment Summary

YEAR 7	YEAR 8		
Topics	Topics		
Networks and Systems	Analysing and Representing Data		
Coding Apps and Robots	Coding Robots		
Assessment Tasks will include: • Design Folio – multimodal outlining creative solutions to problems • Exams – short response exams (knowledge recall and design challenge) • Class coding tasks • Developing coding solutions			

Extracurricular Opportunities and Subject Requirements:

- QUT STEM Workshops
- Premier's Coding Challenge
- STEMPunks

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Digital Technologies, students will develop the ability to:

- plan, manage, create, innovate and produce their solutions
- become confident developers of digital solutions
- engage confidently with and make informed, ethical decisions about technologies

Pathways through Secondary

J	UNIOR SECONDAR	Y		SENIOR SCHOOLING	
YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11 YEAR 12	
Digital Technolog	ies is compulsory	Digital	Digital	Digita	al Solutions (General)
	for students in years 7 - 8.		Technologies Elective	Information an	d Communication Technology (Applied)
				Cert	ificate II IDMT (VET)

Possible Careers

A study of Digital Technologies can lead students to career pathways including:

- Programming Software/Gaming
- Robotics and Mechatronics

- Creative Industries Graphic/Web/Media Design
- Database Administrator

Technologies enrich and impact on the lives of people, cultures and societies globally. It is important that as a nation we make connections between creativity, technologies and enterprise as a catalyst for twenty-first century innovation.

When defining problems students consider the functional and non-functional requirements of a solution through interacting with clients and regularly reviewing processes. They consolidate their algorithmic design skills to incorporate testing and review, and further develop their understanding of the user experience to incorporate a wider variety of user needs. Students develop modular solutions to complex problems using an object-oriented programming language where appropriate, and evaluate their solutions and existing information systems based on a broad set of criteria including connections to existing policies and their enterprise potential.

Course Outline and Assessment Summary

	YEAR 9				
	Topics				
	Python Programming (Software and Internet)				
Assessmer	it Tasks will include:				
• [esign Folio – non-presentation multimodal outlining creative solutions to problems				
• (Class Learning Experiences and Design Coding Challenges				
• E	xams – short response exams (knowledge recall and design challenge)				
Extracurric	ular Opportunities and Subject Requirements:				
• F	obo Cup Junior Competitions				
• F	irst Lego League, the Premier's Coding Competition, GovHack event				
• S	hemaps, MIE School				
These	events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.				

REAL learning for tomorrow

Through studying Digital Technologies, students will develop the ability to:

- define and deconstruct real world problems in terms of functional and non-functional requirements
- design user experiences by evaluating alternative designs against criteria including functionality, accessibility, usability and aesthetics
- evaluate solutions in terms of meeting needs, innovation and sustainability and potential for innovation and enterprise
- plan and manage digital projects.

Pathways through Secondary

JUNIOR SECONDARY		SENIOR SCHOOLING			
YEAR 7	YEAR 8	YEAR 9	YEAR 10 YEAR 11 YEAR 1		YEAR 12
Digital Technologies is compulsory		Digital	Digital	Digital Solutions (General)	
for stuc years		Technologies Elective	Technologies Elective	Information Co	mmunication and Technology (Applied)
				Certi	ficate II IDMT (VET)

Possible Careers

A study of Digital Technologies can lead students to career pathways including:

- Programming Software/Gaming
- Database Administration

- Creative Media Industries
- Graphic/Web/Interactive Design

DESIGN AND TECHNOLOGIES

Technologies enrich and impact on the lives of people, cultures and societies globally. It is important that as a nation we make connections between creativity, technologies and enterprise as a catalyst for twenty-first century innovation. Australia needs enterprising individuals who can make discerning and ethical decisions about the use of technologies, independently and collaboratively develop innovative solutions to complex problems and contribute to sustainable patterns of living.

Design and Technologies helps students to understand the world in which they live as they identify, explore and analyse real-world needs. Students learn to use higher order thinking skills to design and conduct investigations including considering ethics, researching and collecting data; predicting outcomes; trialling and experimenting; reflecting and evaluating results. They manage projects from the identification of needs or opportunities to conception and realisation.

Course Outline and Assessment Summary

YEAR 7	YEAR 8			
Materials & technologies specialisations	Food Specialisations			
Topics	Topics			
Workshop Safety	Kitchen Practices			
Lighten Up	Snack Attack			
Assessment Tasks will include:				
 Design Folio – non-presentation multimodal outlir 	ing creative solutions to problems			
 Exams – short response exams (knowledge recall and design challenge, practical cooking) 				
Practical projects – workshop projects				
 Practical weekly cooking – cooking recipes for kitchen skills and nutrition 				
Extracurricular Opportunities and Subject Requirements:				
QUT STEM Workshops				
Working with Wood show				
Regional Flavours excursion				
These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.				

REAL learning for tomorrow

Through studying Design and Technology, students will develop the ability to:

- Plan, manage, create, innovate and produce (make) their solutions
- Communicate their ideas in written and pictorial forms
- Engage confidently with and make informed, ethical decisions about technologies

Pathways through Secondary

JUNIOR SECONDARY			SENIOR SCHOOLING			
YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12	
•	Design and Technology is compulsory for students in years 7 - 8.		Materials and technologies specialisations Elective		Industrial Technology Skills (Applied)	
					Certificate II Engineering Pathways (VET)	
			Engineering principles and systems Elective		Design (General)	
					Engineering (General)	
			Food specialisations Elective		Food and Nutrition (General)	
		Elec	LIVE	Hospit	ality Studies (Applied)	
				Certificate II or III Hospitality		

Possible Careers

A study of Design Technology can lead students to career pathways including:

- Design and Engineering fields
- Construction / manufacturing / engineering
- Drafting

- Nutritionist / dietitian
- Chef / Barista
- Hospitality Industry and trades

ENGINEERING PRINCIPLES AND SYSTEMS (GRAPHICS)

YEAR 9 ELECTIVE SUBJECT

Technologies enrich and impact on the lives of people, cultures and societies globally. It is important that as a nation we make connections between creativity, technologies and enterprise as a catalyst for twenty-first century innovation.

Engineering principles and systems provides opportunities for students to develop skills that will allow them to respond to a broad range of design genre. The subject explores the elements, principles, process models, ethics, tools and communication systems used in the design and engineering world. It combines sketching, rendering, modelling and media used to communicate design concepts to a variety of audiences. This subject is aimed at students wishing to pursue careers in engineering, architecture, landscape architecture, interior design, graphic design and industrial design.

Course Outline and Assessment Summary

YEAR 9
Topics
Sketching and Engineering Problem Solving
Structures and Forces
Low Fidelity model manufacture
Assessment Tasks will include:
 Design Folio – non-presentation multimodal outlining creative solutions to problems
Class/Homework Design Challenges
 Exams – short response exams (knowledge recall and design challenge)
Extracurricular Opportunities and Subject Requirements:
QUT STEM Workshops
Design Library excursion / QLD Museum
These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Graphics and Design, students will develop the ability to:

- Understand the world in which they live as they identify, explore and analyse real-world needs and problems
- Communicate their ideas in written and pictorial forms
- Engage confidently with and make informed, ethical decisions about technologies

Pathways through Secondary

Junior Secondary			Senior Schooling			
Year 7	Year 8	Year 9	Year 10	Year 11 Year 12		
-	Design and Technology is		Engineering Principles and		Design (General)	
compulsory for students in years 7 - 8.		systems		Engineering (General)		
years	7 - 8.	Elec	tive	Industrial	Fechnology Skills (Applied)	
				Certificate II Engineering Pathways (VET)		

Possible Careers

A study of Engineering principles and systems can lead students to career pathways including:

- Design and Engineering Fields
- Project Management
- Construction / Manufacturing / Engineering Trade

YEAR 9 ELECTIVE SUBJECT

MATERIALS AND TECHNOLOGIES SPECIALISATIONS

Technologies enrich and impact on the lives of people, cultures and societies globally. It is important that as a nation we make connections between creativity, technologies and enterprise as a catalyst for twenty-first century innovation. Year 9 Materials and technologies specialisations builds on creative, innovative solutions to develop enterprising and innovative individuals with the ability to make discerning decisions concerning the development, use and impact of technologies.

It provides students with opportunities to develop skills related to the manufacturing industry. Students demonstrate their learning through the design, documentation and construction of projects. Studies in the subject will complement work learnt in Science and Maths.

Course Outline and Assessment Summary

YEAR 9	
Topics	
Workshop Safety	
Make it Loud	
Designing for Speed	
Assessment Tasks will include:	
 Design Folio – non-presentation multimodal outlining creative solutions to problems 	
 Exams – short response exams (knowledge recall and design challenge, Practical Cooking) 	
Practical Projects – Workshop projects	
Extracurricular Opportunities and Subject Requirements:	
QUT STEM Workshops	
Cluster Schools – CO2 Dragster Competition	
REA – F1 in Schools Competition	

These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.

REAL learning for tomorrow

Through studying Materials and technologies specialisations, students will develop the ability to:

- Plan, manage, create, innovate and produce (make) their solutions
- Communicate their ideas in written and pictorial forms
- Engage confidently with and make informed, ethical decisions about technologies

Pathways through Secondary

J	JUNIOR SECONDARY			SENIOR SCHOOLING		
YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11 YEAR 12		
-	Design and Technology is compulsory for students in		Materials and technologies specialisations		Design (General)	
					Engineering (General)	
years 7 - 8.		Elec	tive	Industrial Technology Skills (Applied)		
				Certificate II	Engineering Pathways (VET)	

Possible Careers

A study of Materials and technologies specialisations can lead students to career pathways including:

• Design and Engineering Fields

• Construction / Manufacturing / Engineering Trade

Project Management

Technologies enrich and impact the lives of people, cultures and societies globally. It is important that as a nation we make connections between creativity, technologies and enterprise as a catalyst for twenty-first century innovation.

Food specialisations provides students with maximum practical opportunities within the college kitchens. Its primary focus is on the wellbeing of the individual within their own person, family and community. This subject is designed to encourage and promote the student's personal independence in regards to food and nutrition choices and become effective participants within our society.

Students critically evaluate the marketing and advertising of new food products. A major focus of the student's experiences in this course is in the areas of menu and meal planning, and production and presentation. Students design and prepare menus and meals for a number of situations: breakfasts, lunches, dinners and healthy eating trends. Students develop skills, knowledge of procedures and the development processes, which will prepare them for future Food and Nutrition electives, and for life in the real world.

Course Outline and Assessment Summary

YEAR 9						
Topics						
Introduction to the kitchen						
Dietary diseases and food nutrition						
Nutrition know how						
Food presentation						
Assessment Tasks will include:						
 Design Folio – non-presentation multimodal outlining creative solutions to problems 						
 Exams – short response exams (knowledge recall and design challenge, practical cooking) 						
Extracurricular Opportunities and Subject Requirements:						
Ekka masterclass excursion						
 Food and Wine / Regional Flavours Excursion 						
 Gateway to industry schools masterclass and celebrity chef demonstrations 						
These events are indicative of extracurricular events that may enhance learning in this subject. Associated costs cover admission and/or transport where applicable, and are advertised during the lead up to the event.						

REAL learning for tomorrow

Through studying Food specialisations, students will develop the ability to:

- Develop skills in the basic principles of cookery, safety and hygiene
- Gain an understanding of appropriate work methods and use of equipment and utensils.
- Recognise the importance of good nutrition throughout life.

Pathways through Secondary

JUNIOR SECONDARY				SENIOR SCHOOLING		
YEAR 7	YEAR 8	YEAR 9	YEAR 10	YEAR 11	YEAR 12	
Design and Technology is compulsory for students in years 7 - 8.		Food specialisations Elective		Food and Nutrition (General)		
				Hospitality Practices (Applied)		
				Certifica	te II/III Hospitality (VET)	

Possible Careers

A study of Food specialisations can lead students to career pathways including:

- Diet and Nutrition fields
- Hospitality Industry and Trades
- Barista / Chef