Mareeba State

High School



2024

Year 10
Curriculum
Information













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⁻⁻⁻ Strikethrough – Subject no longer available

Information in the booklet correct at time of printing and subject to change.

Source: G:\Coredata\Office_Students\Subject Pathways\2024\Year 10\Source Documents\Year 10 Curriculum Information 2024.doc

Introduction

The Year 10 Curriculum Information Booklet is a guide to planning your senior education pathway. It will provide you with information regarding this next phase of your secondary schooling, including subject selection, qualifications and tertiary entrance.

Students currently in year 9 will be entering senior education in terms of curriculum, assessment and University entrance. Year 10 is a year designed to prepare you in terms of subject offerings and assessment types so that you make informed choices when choosing subjects in 2024 for Year 11 and 12.

Contained in this guide are outlines of all units of study offered at Mareeba State High School for students undertaking year 10 in 2023. Please note that subjects will only run where sufficient student numbers exist for the classes. This decision is at the discretion of the school.

Please use this guide to assist you in planning your pathway for 2023 and beyond.

Subject Selections in Year 10

Selecting your subjects

In order to maximise your performance and reach your goals, you should study the subjects that you enjoy and do well at. It is a good idea to keep your options open for senior and exploring a range of subjects to experience the curriculum and assessment types that will be in both General and Applied subjects on offer in 2023 / 2024.

Year 10 students:

- MUST study English
- MUST study Mathematics
- MUST study Science
- MUST study Cert II Workplace Skills
- MUST study 3 elective subjects
- On the 3 elective lines choose 2 subjects on each line in order of preference.

NOTE: Some elective subjects are not compatible with others.

Every effort will be made to ensure that student preferences are accommodated, but will be subject to student numbers and timetable constraints.

How do I choose?

Choose your subjects according to the following:

- Subjects you enjoy
- Subjects you perform well in

DO NOT choose your subjects for the following reasons:

- "My friend is taking that subject". There are usually multiple classes in a subject, so even if you are doing the same subjects, you won't necessarily be in the same class.
- "I do/don't really like the teacher". There is no guarantee that you will have any particular teacher.
- "Someone told me that the subject is fun (or easy, or interesting)". It may be
 enjoyable/easy/interesting for someone but not necessarily for you. Make up your own mind based on
 what you enjoy.
- "Someone told me that the subject is boring". See above points.
- "Someone told me that I do/don't need that subject for the course I want to take at university".

 Check tertiary prerequisites or see the Guidance Officer.

Choose very carefully

If a change of subject is considered appropriate or required for a student, the change will generally occur only within the first two weeks of Semester 1 or 2.

Distance Education

Mareeba State High School can offer students the option of studying Distance Education subjects through Brisbane, Charters Towers and Cairns. Distance Education is only on offer for students wishing to study a subject that the school does not offer, such as a language, where there are insufficient numbers for the subject to run, or when there is a timetable clash.

If interested in studying a subject through Distance Education, you need to ensure that you are self- motivated and able to study by yourself, as well as ensure continual access to the internet and phone for lessons. An interview with the Curriculum Extension Facilitator and Deputy Principal Education Services will need to occur before approval is granted to study a Distance Education Subject.

There is a separate enrolment form and subject charge for these subjects and students will need to pay these before enrolment occurs.

Successful students will have alternate lessons allocated to use in the Distance Education facility in the Library.

Online lessons are compulsory and may need to be <u>attended</u> three times a week. Online lessons may not occur during the allocated alternate lessons (timetables for online lessons are generated through the School of Distance Education). https://education.qld.gov.au/schools-educators/distance-education

More information is available at the following websites:

Brisbane School of Distance Education
 Cairns School of Distance Education
 Phone: (07) 3727 2444
 Phone: (07) 4080 9111

o Capricornia School of Distance Education

■ Rockhampton Campus - Phone (07) 4931 4800
■ Emerald Campus - Phone: (07) 4987 9100

Charters Towers School of Distance Education Phone: (07) 4754 6888

Senior School Glossary of Acronyms and Terms

Australian Tertiary Admission Rank (ATAR) – is a percentile awarded to students by application for undergraduate entry to university on completion of Year 12 for students in all states from 2020 onwards. It has replaced the OP score in Queensland.

General Subjects are approved by the Queensland Curriculum & Assessment Authority (QCAA). Achievements in these subjects are recorded on the Year 12 Senior Statement and are used in the calculation of ATAR score. General subjects are academic in nature.

Applied Subjects are approved by the Queensland Curriculum & Assessment Authority (QCAA). Achievements in these subjects are recorded on the Year 12 Senior Statement and are used in the calculation of an ATAR score. They are more practical than a General subject and you can use a result in one (1) applied subject for the calculation of an ATAR score.

Queensland Certificate of Education (QCE) is a school-based qualification awarded to young people at the completion of the senior phase of learning, usually at the end of Year 12. It confirms a student's achievement of:

- A significant amount of learning
- A set standard of achievement
- Meeting literacy and numeracy requirements.

Queensland Certificate of Individual Achievement (QCIA) recognises the achievements of students who are on highly individualised learning programs. To be eligible, students must have a disability as outlined by the Disability Discrimination Action (DDA). The QCIA is an official record that students have completed at

least twelve years of education, and provides students with a summary of their knowledge and skills that they can present to employers and training providers.

Queensland Tertiary Admissions Centre (QTAC) acts on behalf of universities, TAFE institutes and some private institutions to publish course information and to receive and process applications.

Australian Qualifications Framework (AQF) shows all the qualifications issued in post-compulsory education in Australia and how these qualifications relate to each other.

Vocational education and training (VET)

VET provides pathways for all young people, including those seeking further education and training and those seeking employment-specific skills.

School-based Apprenticeships and Traineeships (SAT) represent an opportunity to complete Year 12 and begin an apprenticeship or traineeship while students are still at school. Apprenticeships and traineeships are legally binding formal agreements between students and their employer where they both commit to specific work and training requirements. Students interested in a school-based traineeship or apprenticeship need to see the Head of Senior Schooling or the Senior Schooling Administrative Officer.

Where Do I Find More Information?

Queensland Curriculum & Assessment Authority (QCAA)

Web https://www.gcaa.gld.edu.au/ Ph: 07 3864 0299

Email: office@qcaa.qld.gov.au



My Future - Career Development

https://myfuture.edu.au/home

MyQCE – Information on Senior School- student tracking of QCE pathway https://myqce.qcaa.qld.edu.au/



THE GOOD

AREERS

Queensland Tertiary Admissions Centre (QTAC)

Web: https://www.qtac.edu.au/ Ph: 1300 GO QTAC (1300 467 822)

Facebook: https://www.facebook.com/qtacinfo - Insta: https://www.instagram.com/qtacinfo/

Good Career Guide

https://www.goodcareersguide.com.au/

Defence Jobs

https://www.defencejobs.gov.au/

Seek Career Resources

https://www.seek.com.au/career-advice/

Queensland Apprenticeships

https://apprenticeshipsqld.com.au/

Apprenticeships Queensland HIRE AN APPRENTICE TODAY

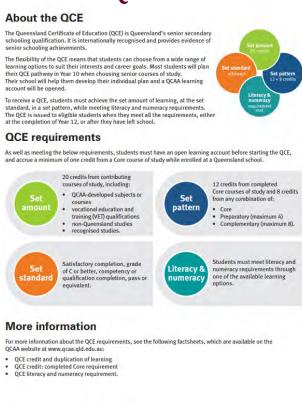
Career Bullseye posters

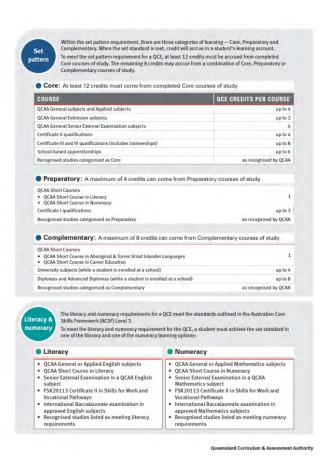
https://www.dese.gov.au/school-work-transitions/career-education-resources#toc-career-bullseye-posters





About the QCE





Work Experience Program

November 2019

As part of the Year 10 program at Mareeba State High School, we include a week-long Work Experience component. During 'Work Experience Week', scheduled in Term 2, Year 10 students will be required to be placed in work situations in Mareeba and surrounding districts.

Work Experience is an important part of the curriculum. Students are encouraged to find their own placement in a workplace they are interested in working in. It is important that the students get the "real life" experience of approaching employers in the hope of finding work – in this case, work experience. During this week, students will experience the routine and discipline of work. They will come to appreciate that personal appearance, appropriate work wear, speech and manner are all important aspects of working life.

Some prerequisite may apply for those students interested in completing their work experience at workshops and construction sites. (Eg. Industry White Card for Workplace Health and Safety compliance).















Resilience (RES)

All students enrolled at Mareeba State High School participate in one 70 minute lesson per week of the Resilience Project.

The Resilience Project delivers emotionally engaging programs and provides evidence-based, practical strategies to build resilience. This program is an important part of our school's effort to look after the mental health of our community. It focuses around 4 key components:

- Gratitude Gratitude is being thankful and expressing appreciation for what one has as
 opposed to focusing on the lack of something.
- **Empathy** Empathy is the ability to understand another person's thoughts and feelings from their perspective
- Mindfulness Mindfulness is about practicing a moment-to-moment awareness of thoughts, feelings, bodily sensations and surrounding environment – with curiosity and without judgement.
- **Emotional literacy** Emotional literacy is described as the ability to understand ourselves and other people, and in particular to be aware of, understand and use information about the emotional states of ourselves and others with competence.

Why is resilience and wellbeing important?

- Children who are not well emotionally will not be able to learn. When we are stressed, the part of our brain responsible for learning does not work
- Calm children can focus and retain more information
- Resilience enables children to take safe risks without fear of failure
- The statistics indicate that the number of adults struggling with mental ill health has increased over the years
- Statistics also tell us that mental ill health is affecting young people at alarming rates and the onset is getting earlier. Prevention is the key to seeing these figures improve.

Why and how is this relevant to curriculum?

- The Resilience Project curriculum has been produced to align with Australian Curriculum standards and frameworks.
- The Resilience Project curriculum addresses aspects of achievement standards in the Personal and Social Capabilities learning area.





"Building a Better Future Together"

BSB20120 Certificate II in Workplace Skills

- No pre-entry level requirements
- Year Level 10
- QCE credits 4
- Duration 1 year





This course is designed to provide vocational education and training necessary to gain a nationally recognised accreditation whilst developing basic knowledge and skills across a number of business roles. This course encompasses the development of skills and knowledge for effective communication, planning and applying time management and competent use of business technology. Furthermore, workplace health and safety, environmentally sustainable practices and working effectively in business environments. This course will benefit Year 10 students who would like to seek post school employment as a clerical or administrative worker across all industries, but all skills will be transferable to a workplace. To successfully complete this qualification, students must demonstrate competency of the skills and knowledge required for each of the ten units in this course. Students will be assessed through written short answer responses, verbal questioning, projects, observations and work experience carried out whilst participating in simulated and work activities. Work experience placement for this course must be completed by Year 10 students to be able to achieve this qualification.

1. Term Unit Plan

Term 1	Planning my Certificate II in Workplace Skills; Workplace Safety Induction
Term 2	Customer Service and Communication in the Workplace
Term 3	Communication skills and working effectively in a business environment; Personal wellbeing in the workplace
Term 4	Personal wellbeing in the workplace; Researching and Organising Electronic Information

Total number of units = 10

Core units	Elective units
 BSBCMM211 Apply communication skills BSBOPS201 Work effectively in business environments BSBPEF202 Plan and apply time management BSBSUS211 Participate in sustainable work practices BSBWHS211 Contribute to the health and safety of self and others 	 BSBPEF201 Support personal wellbeing in the workplace BSBTEC201 Use business software applications BSBTEC202 Use digital technologies to communicate in a work environment BSBTEC203 Research using the internet BSBOPS202 Engage with customers

2. Possible Career Pathways

This course has been designed to suit the needs of those who wish to complete Business skills for the following occupations:

- Receptionist Administration Officer (Local Government) Government Roles
- Office Assistant Clerical Assistant Administrative Assistant Call Centre Operator and other similar roles.



Dance (DAN)

Elective Subject

In Dance students study a variety of dance styles such as popular dance and musical theatre. Students learn through a range of practical and theoretical activities, whilst developing physical and creative skills. Students will learn about how to perform, choreograph dance (create a dance) and respond to dance works.

COURSE OUTLINE:

In Dance students will:

- Work with other students to choreograph or create a dance
- Develop physical skills
- Develop problem solving skills
- Research about dance styles
- Reflect on dance works

Units	Assessment type
 Socialised 	Performance and oral presentation.
• Pioneers	Choreography and analysis of dance sequence.
Musical Theatre	Choreography and performance.
Your Say – Make a statement	Choreography, performance and production booklet.

ASSESSMENT:

Students will undertake a variety of assessment tasks that are reflective of the types of assessment instruments used in senior subjects such as practical tasks, written tasks, oral tasks and examinations.

Future Subject Choices in Year 11

In year 11, students may select the General subject **Dance** or the Applied subject **Dance in Practice**.



Drama (DRA)

Elective Subject

In Drama students learn a variety of performance and technical skills through collaborate engagement with different styles and forms of theatre. Students perform scenes from scripted and improvised scenarios, participate in live school productions and develop skills in critical analysis. Drama provides students with the opportunity to build self-confidence and apply learned skills in community performances.

COURSE OUTLINE:

In Drama students will:

- Manipulate combinations of the elements of drama to develop and convey the physical and psychological aspects of roles and characters.
- Practise and refine the expressive capacity of voice and movement to communicate ideas and dramatic action in a range of forms, styles and performance spaces.
- Structure and perform drama to engage an audience through manipulation of dramatic action, forms and performance styles and by using design elements.
- Explore and engage in multiple production roles including scriptwriting, directing, performance and technical.
- Evaluate how the elements of drama, forms and performance styles in devised and scripted drama convey meaning and aesthetic effect.
- Improvise with the elements of drama to develop ideas, and explore subtext to shape devised and scripted drama.
- Analyse a range of drama from contemporary and past times to explore differing viewpoints and enrich their drama making.

Units	Assessment type
Give it up: Method Acting	Group Performance & Reflection
Take it away: Live Theatre Production	Production Journal
Bring it on: Theatre Critique	Theatre Review
Pack it in: Collage Drama and Improvisation	Group Project

ASSESSMENT:

Students will undertake a variety of assessment tasks that are reflective of the types of assessment instruments used in senior subjects such as practical tasks, written tasks, performances and examinations.

Future Subject Choices in Year 11

In year 11, students may select the General subject **Drama** or the Applied subject **Drama in Practice**.



Media Arts (MED)

Elective Subject

In Media students learn about digital media applications and how to manipulate them. Students extensively use a wide range of technology to effectively edit, manipulate and present digital images and film. Media gives students the opportunity to learn skills such as audio, graphic design, curating, interactive media, moving images and still image. Students will learn how to communicate ideas and information.

COURSE OUTLINE:

In Media Arts students will:

- Analyse how social and cultural values and alternative points of view are portrayed in media artworks they make, interact with and distribute.
- Evaluate how genre and media conventions and technical and symbolic elements are manipulated to make representations and meaning.
- Evaluate how social, institutional and ethical issues influence the making and use of media artworks.
- Produce representations that communicate alternative points of view in media artworks for different community and institutional contexts.
- Manipulate genre and media conventions and integrate and shape the technical and symbolic elements for specific purposes, meaning and style.
- Collaboratively apply design, production and distribution processes.

	Units	Assessment type
1	Generator: film and tv genres	Making: Netflix series title sequence (folio) Responding: Analysis of a short film (written)
2	 Up, up and away: The Superhero genre 	Making: designing a superhero game (folio)
3	Australian stories	Making: Film folio Responding: Media analysis – representations of Australia (Multimodal)

ASSESSMENT:

Students undertake a variety of assessment tasks in a range of conditions: individual and group work, written and practical elements. These tasks are reflective of the type of assessment instruments used in senior subjects.

Future Subject Choices in Year 11

Students who are interested in the film making elements of the subject may choose the General subject of **Film, Television and New Media**. Students who have interests and abilities in desktop publishing elements as well as film making, may choose the Applied subject of **Media Arts in Practice**.





Music (MUS)

Elective Subject

In Music students learn how to listen to music with purpose and they also learn how to analyse, perform and compose music. Students learn about the elements of music comprising rhythm, pitch, dynamics and expression, form and structure, timbre and texture. Learning in Music is a continuous and sequential process, enabling the acquisition, development and revisiting of skills and knowledge with increasing depth and complexity. Participation in music offers students life-long skills as music-makers, audiences, and listeners.

COURSE OUTLINE:

In Music students will:

- Develop their Literacy and Numeracy
- Use class practical time to further their instrument-playing or singing skills
- Appreciate other musical cultures including Australian Indigenous culture
- Become aware of the relationship of music to historical events
- Expand their technological skills with music software for recording and composing
- Develop teamwork and problem-solving abilities

Units	Assessment type
Voice as First Instrument – The Blues	Performance and short test
Electronic Music	Composition using digital software and written response
Rock, Pop and Soul	Performance and short test
Music – My Memento	Performance and production of an Audio Recording of a Performance

ASSESSMENT:

Students may undertake a variety of assessment tasks that are reflective of the types of assessment instruments used in senior subjects such as performing by playing an instrument or singing; responding and analysing music through written, multimodal tasks or examinations and composing in the traditional notation method or through the use of digital software.

Future Subject Choices in Year 11

Students who are achieving in Music may select from the Applied subject of **Music in Practice** or the General subject of **Music**.





Visual Arts (ART)

Elective Subject

In Visual Art students learn about the elements and principles that underpin art making processes. Students have the opportunity to experiment with a wide range of media. Experiences may include: drawing, painting, printmaking, and sculpting. Students will learn through making art works, reflect on the processes used, analyse art works and communicate meaning to particular audiences.

COURSE OUTLINE:

In Art students will:

- Experiment and work with a range of media areas
- Develop solutions to art making problems
- Research about artists and their artworks
- Explore how meaning is communicated
- Reflect on art works and art making practices

Units	Assessment type
Larger than Life	Media Area: Drawing
Assemblage	Media Area: Sculpting
Metamorphosis	Media Area: Painting
Moments in Time	Media Area: Printmaking

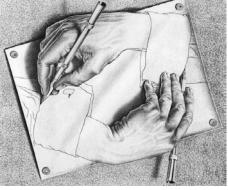
ASSESSMENT:

Students may undertake a variety of assessment tasks that are reflective of the types of assessment instruments used in senior subjects such as practical tasks, written tasks, multimodal tasks and examinations.

Future Subject Choices in Year 11

Students who are achieving well in Art may select from the Applied subject of **Visual Arts in Practice** and the General subject of **Visual Art**





English (ENG)

CORE Subject

English is a core subject required by all students in Year 10. English works from the specifics of the Australian Curriculum and is delivered across three stands: Language, Literature, and Literacy. Students of English engage with a number of topics and units across the course of a whole year, and respond to a wide variety of text types. They will analyse and create texts of varying lengths throughout the year.

COURSE OUTLINE:

In English, students will:

- read and respond to a range of text in a variety of genres, including poetry, novels and graphic novels.
- evaluate how text structures can be used in innovative ways by different authors.
- develop and justify their own interpretations of texts.
- create a range of text for different purposes, such as to entertain, explain, analyse or persuade.
- show how the selection of language features can achieve precision and stylistic effect.
- develop their own style by experimenting with language features, stylistic devices, text structures and images.
- make presentations and contribute actively to class and group discussions, building on others' ideas, solving problems, justifying opinions and developing and expanding arguments.
- demonstrate understanding of grammar, vary vocabulary choices for impact, and accurately use spelling and punctuation when creating and editing texts.

Units	Assessment type
Examining Issues	Persuasive spoken presentation
 Understanding and explaining social commentary in texts 	Examining social commentary: Poetry tutorial
Responding to a Shakespearean text	Discussion Essay
Reading and comprehending a novel	Analytical essay in response to literature
Human rights in texts	Imaginative short story

ASSESSMENT:

Students undertake a variety of assessment tasks in a range of conditions: examination, prepared, open condition, written and spoken/multimodal. These tasks are reflective of the type of assessment instruments used in senior subjects.

Future Subject Choices in Year 11

Students who are achieving well in English, and have tertiary aspirations, may select the General subject of **English**. Students whose interests or abilities are not in this field may choose the Applied subject of **Essential English** instead.



Physical Education (HPE A)

Elective Subject

Physical Education is an elective subject available to all students in year 10. Students will study physical activity and its impacts on the body, current issues that impact on health and performance in sport, practical skills development in a range of sports in both individual and team situations. This includes investigation and application of movement concepts and selecting strategies to achieve movement and fitness outcomes.

COURSE OUTLINE:

Units	Assessment type
Biomechanics- Athletics	Research Folio task (3-4 minutes) Practical assessment
Sociology of Sport – Ultimate Disc	Investigation- Report (600-800 words)
Sport Psychology- Basketball/Netball	Research Folio (3-4 minutes) Practical assessment
Exercise Physiology – Aquathlon	Exam

ASSESSMENT:

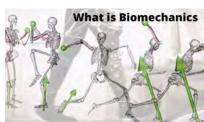
Students undertake a variety of assessment tasks in a range of conditions: examination, practical assessment, open condition, written and spoken/multimodal. These tasks are reflective of the type of assessment instruments used in senior subjects.

Teachers will be using a wide range of teaching strategies including hands-on learning experiences to assist students in developing their skills. These skills are important for participating successfully in senior subjects.

Future Subject Choices in Year 11

Students who are achieving well in HPE may select from the Applied subject of **Recreational Studies** or the General subject of **Physical Education**. The VET subject of **Certificate III in Fitness** is also available.









Recreational Studies (HPE B)

Elective Subject

Recreational Studies is an elective subject available to all students in Year 10. It may be selected as an additional study from Physical Education by students who have a keen interest or passion for community-based sports. It includes the study and promotion of sport and recreation opportunities in the community. Students develop skills in playing and coaching across a range of sports, as well as the development and management of sporting competitions. The subject involves a combination of theory and practical activities.

COURSE OUTLINE:

Units	Assessment type
Developing Fitness	Project
Modified Games	Performance
Touch Football	Performance
 Paralympic Games and Tournament Organisation 	Project

ASSESSMENT:

Students undertake a variety of assessment tasks in a range of conditions: examination, practical assessment, open condition, written and spoken/multimodal. These tasks are reflective of the type of assessment instruments used in senior subjects.

Teachers will be using a wide range of teaching strategies including hands-on learning experiences to assist students in developing their skills which are important to participating successfully in senior subjects.

Future Subject Choices in Year 11

Students who are achieving well in Recreation Studies may select the Applied subject **Sport and Recreation**





HPE - Early Childhood Studies (CST)

Elective Subject

Early Childhood Studies is an elective subject available to all students in Year 10. It may be selected as an additional study from Physical Education by students who have a keen interest or passion for working in the Childcare industry. It includes the study of current health issues within the community and also focuses on stages of learning and cognitive milestones of children. The subject requires students to investigate and select strategies to promote health, safety and wellbeing for themselves or others within the community.

COURSE OUTLINE:

Units	Assessment type
Planning for Parenthood	Project
Developmental Milestones and Markers	Multimodal Presentation
Safety and Risk Taking	Exam
Health Across the Lifespan	Report

ASSESSMENT:

Students undertake assessment tasks developed to demonstrate and apply of knowledge in given situations. These tasks are reflective of the type of assessment instruments used in senior subjects.

Teachers will be using a wide range of teaching strategies including hands-on learning experiences to assist students in developing their skills which are important to participating successfully in senior subjects.

Future Subject Choices in Year 11

Students who are achieving well in this subject may select the General subject of **Physical Education**, and/or the applied subject of **Early Childhood Studies**.

Geography (GEG)

Elective Subject

Geography is an elective subject available to all students in Year 10. The program for this subject extends students' knowledge and skills from their previous study of Geography at high school. The subject aims to focus students on some of the more advanced concepts, processes and skills associated with this field of study.

COURSE OUTLINE:

The course will be divided into four units of work that will be offered each term. Generally, the subject matter, learning experiences, concepts, skills and assessment tasks increase in complexity and depth as the year progresses.

In Geography, students will:

- describe geographical processes that influence the characteristics of places and how places are perceived and valued differently.
- explain interconnections between people, places and environments and describe how they change places and environments.
- analyse geographical data and other information to propose simple explanations for spatial patterns, trends and relationships and draw conclusions.
- identify, analyse and explain significant interconnections between people, places and environments and explain changes that result from these interconnections and their consequences.
- evaluate alternative views on a geographical challenge and alternative strategies to address this challenge using environmental, social and economic criteria and propose and justify a response.
- present findings, arguments and explanations using relevant geographical terminology and graphic representations in a range of appropriate communication forms.

Units	Assessment type
Sustainability and the Future	Exam: Combination Response to Stimulus
Planning sustainable places	Investigation: Research Report
 Environmental change and management 	Investigation: Practical Inquiry or Field Study
Geography of conflict and human wellbeing	Examination: Response to Stimulus Essay

ASSESSMENT:

The assessment tasks that students undertake in this course increase in complexity across the year, and reflect the types of tasks that would appear in the senior subject Geography. The assessment tasks used throughout the year will be assessed on an A to E Scale for reporting.

Future Subject Choices in Year 11

Students who enjoy and perform well in this subject will be able to choose **Geography** as a General subject at Year 11 and 12 level.

History (HIS)

Elective Subject

History is an elective subject available to all students in Year 10. History encourages students to examine traces of humanity's recent past so they may form their own views about the modern world. Through History, students' curiosity and imagination is invigorated while their appreciation of civilisation is broadened and deepened. Students learn that the past is contestable and tentative. They discover how the past consists of various perspectives and interpretations. History distinguishes itself from other subjects by enabling students to empathise with others and make meaningful connections between the past, present and possible futures.

COURSE OUTLINE:

The course will be divided into four units of work that will be offered each term. Generally, the subject matter, learning experiences, and assessment tasks increase in complexity and depth as the year progresses.

In History, students will:

- comprehend terms, issues and concepts such as causation, chronologies and continuity and change
- devise historical questions and conduct research; framing a key inquiry question and sub-questions and developing a research plan to guide an investigation.
- understand the issues and complexities within the research that is generated from these questions.
- locate and organise information from primary and secondary sources.
- analyse historical sources and evidence.
- synthesise information from historical sources and evidence.
- evaluate historical interpretations, assessing usefulness and reliability to develop judgments.
- create responses that communicate meaning, integrating evidence from sources to explain the past and to develop arguments.

Units		Assessment type
•	Depth Study 1: Rights and Freedoms (1945 – the present)	Short response to stimulus exam
•	Depth Study 2: World War II (1939-45)	Independent source investigation
•	International Experiences in the Modern World Depth Study 3: The Cold War	Exam: Essay in response to historical sources
•	Personalities and their Times	Historical essay based on research

ASSESSMENT:

The assessment tasks that students undertake in this course increase in complexity across the year, and reflect the types of tasks that would appear in senior history subjects. The assessment tasks used throughout the year will be assessed on an A to E Scale for reporting.

Future Subject Choices in Year 11

Students who complete History and enjoy the content and concepts might like to choose from Ancient History, Modern History or Legal Studies – all **General** subjects suited to students who are interested in pathways beyond school that lead to tertiary studies, vocational education or work.

Tourism Studies (TOS)

This subject is currently not available

Tourism is an elective subject available to all students in Year 10 challenges in the past few years which has threatened its place a

of Tourism Studies is aimed to offer insights in the travel and tourism muustry as wen as employment opportunities in the field. It will provide opportunities for students to investigate threats, challenges and opportunities encountered by the industry, and the people and places that rely heavily on the industry.

COURSE OUTLINE:

In Tourism Studies, students will:

- examine the socio-cultural, environmental and economic aspects of tourism.
- identify tourism opportunities, problems and issues across global, national and local contexts.
- develop understandings that are geographically and culturally significant to them by, for example, investigating tourism activities related to local Aboriginal and Torres Strait Islander communities.
- investigate tourism options, research destinations and prepare travel itineraries.

Units	Assessment type
Tourism as an industry	Examination: Short Response Test
Tourist destinations and attractions	Project: Research and report
The travel experience	Project: Planning an Itinerary
Sustainable tourism	Investigation: Impacts of tourism

ASSESSMENT:

The course will be divided into four units of work that will be offered each term. Generally, the subject matter, learning experiences, and assessment tasks increase in complexity and depth as the year progresses. The assessment tasks used throughout the course will be assessed on an A to E Scale for reporting.

Future Subject Choices in Year 11

Students who complete Tourism and enjoy the content and concepts might like to choose the Applied subject of **Tourism** in Senior, or the General subject of **Geography**.



Mathematics (MAT) / Mathematics Extension (MAX) / Mathematics Foundation (MAF)

CORE Subject

Mathematics is a core subject required by all students in Year 10. The three content strands: Number and Algebra, Measurement and Geometry, and Statistics and Probability are delivered according to the proficiency strands of Understanding, Fluency, Problem Solving and Reasoning. Students will continue to be supported in ability grouped classes throughout year 10. During their Mathematics program, students will also be invited to take part in National Maths Competitions.

COURSE OUTLINE:

In Mathematics:

- Understanding includes applying the four operations to algebraic fractions, finding unknowns in
 formulas aftersubstitution, making the connection between equations of relations and their graphs,
 comparing simple and compound interest in financial contexts and determining probabilities of two and
 three step experiments.
- Fluency includes factorising and expanding algebraic expressions, using a range of strategies to solve equations and investigate the shape of data sets.
- Problem Solving includes calculating the surface area and volume of a diverse range of prisms to solve
 practical problems, finding unknown lengths and angles using applications of trigonometry, using
 algebraic and graphical techniques to find solutions to simultaneous equations and inequalities, and
 investigating independence of events.
- Reasoning includes formulating geometric proofs involving congruence and similarity, interpreting and evaluatingmedia statements and interpreting and comparing data sets.

ASSESSMENT:

Students undertake a variety of assessment tasks in a range of conditions in preparation for Senior Mathematics. These include end of unit tests, end of semester written tests and assignments. These tasks are reflective of the type of assessment instruments used in senior subjects.

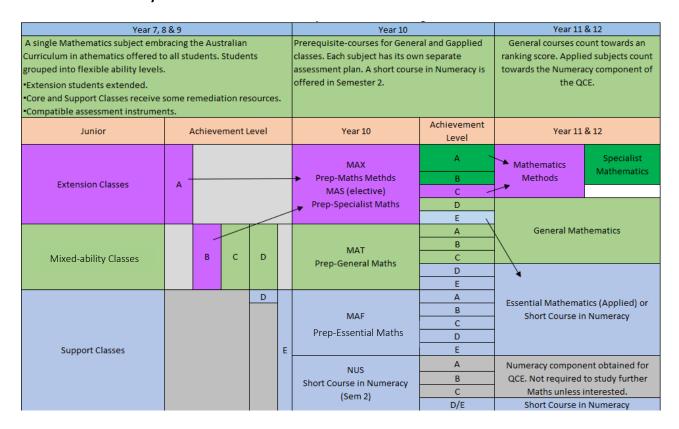
The assessment tasks used throughout the year, will be assessed on a 1 to 100 number scale which is converted to an A to E Scale for reporting. Each assessment task will be allocated a percentage including written reports.

Future Subject Choices in Year 11

Students who do well in Mathematics may choose the General subject of **General Mathematics or Mathematics Methods**. Students who do not require mathematics after school may choose to study **Essential Mathematics** or **Short Course in Numeracy**.

Students who do well in Prep-Mathematics Extension may also choose the General subject of **Specialist Mathematics**.

Mathematics Pathways



Science (SCI)

CORE Subject

Science is a compulsory subject for all students in year 10. This subject aims to develop the core concepts and skills across the range of Sciences; Biology, Chemistry, Physics and Earth Science. A key aspect of the science program is to develop the skills required to work safely in a laboratory and develop investigative skills in a range of science areas. Students will perform science investigations regularly over the year on a range of topics.

All students will use one Science textbook, *ScienceWorld 3*, with the teacher also using extra resources from a range of texts and websites for class tasks and homework.

COURSE OUTLINE:

The course will be divided into four units of work that will be offered each term. These units are based on the Australian Curriculum and focus around the Science disciplines of Physics, Chemistry, Biology and Earth Science.

Units	Assessment type
Road Science (Physics)	Written Exam
Periodic Table and Reactions (Chemistry)	Student Experiment
Genetics and Evolution (Biology)	Extended Response
Global Systems (Earth Science)	Written Exam

ASSESSMENT:

The assessment tasks used throughout the year will be assessed on an A to E Scale for reporting and assessed against the Australian Curriculum Achievement Standards in science.

Teachers will be using a wide range of teaching strategies including hands-on learning experiences to assist students in developing their skills which are important to participating successfully in senior subjects. Skills and processes include; designing experiments, collecting and recording data, analysing and interpreting a range of data/information, problem solving and communicating results in a variety of formats.

Future Subject Choices in Year 11

This subject allows students to choose the General subjects of either Biology, Physics, Psychology and/or Chemistry in Year 11 or the Applied subjects of Science in Practice and Aquatic Practices.

These subjects are often pre-requisites for university courses such as; Engineering, Medicine, Technology, Sports Science, Pharmacy and a variety of other Science degrees.



A pass in a Science subject is also a requirement for students who wish to become primary school teachers, electricians or enter the Defence Forces.

Design and Technology (DAT)

Elective Subject

Design and Technology is an elective subject available to all students in year 10. Students will develop skills and techniques in design drawing as well as extending skills and knowledge in the use of computer aided drafting software (CAD) and 3D printing. Reading and interpreting working drawings, model production and practical design are also part of this course.

Completion of Year 9 DAT would be an advantage.

COURSE OUTLINE:

The Design and Technology course will be divided into units of work that are based on the applied senior syllabus Industrial Graphic Skills but assessed using the Australian Curriculum achievement standards. The following outline is intended as a guide of what may typically be covered in the subject and there may be some variation in the final implementation.

Topic-theory	Practical	Assessment
Eco Lifestyle	House (Spatial) Design Design process Industry software (AutoCAD, Inventor, Revit) Real life problem solving/real life situations based on industry	Folio Written task Practical drawings
Addicted to Audio	 Speaker Design Design process Industry software (AutoCAD, Inventor, Revit) Real life problem solving/real life situations based on industry 3D model printing 	Project

ASSESSMENT:

Teachers will be using a wide range of teaching strategies including hands-on learning experiences to assist students in developing skills that are important to participating successfully in senior subjects.

Future Subject Choices in Year 11/12

In Year 11, students may select the Applied subjects Industrial Graphics Skills, Building and Construction Skills, Engineering Skills and Furnishing Skills.



Digital Technologies (DIG)

Elective Subject

Digital Technologies is an elective subject for students in year 10. The emphasis on this subject is the use of digital technology to solve problems. Students will develop knowledge and understanding of the technical aspects and social implications of digital technology and processes and production skills required to develop digital solutions for problems.

Completion of Year 9 Digital Technology would be an advantage.

COURSE OUTLINE:

The Digital Technologies course will be divided into units of work that are based on the general senior syllabus Digital Solutions and the applied senior syllabus Information; and Communication Technology, but assessed using Australian Curriculum Achievement standards. The following outline is intended as a guide of what may typically be covered in the subject and there may be some variation in the final implementation.

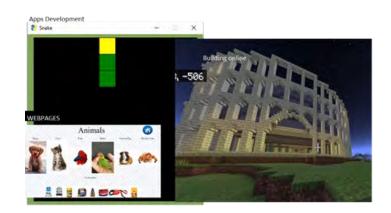
Topic-theory	Assessment type
SQL Data Investigation	Project
App Development	Project
OOP Interactive Game	Project
Webpage Design and HTML	Project
Web Application Security	Online activity
Blender animation	Project
PyGame construction	Project
Quantum Computers Investigation	Online activity

ASSESSMENT:

Teachers will be using a wide range of teaching strategies including hands-on learning experiences to assist students in developing their skills in manufacturing.

Future Subject Choices in Year 11

In Year 11, students may select the General subject **Digital Solutions through a Distance Education provider** or the Applied subject **Information and Communication Technology**.



Business (ECB)

Elective Subject

Business is a broad subject taking in aspects of economics, small and large business, office procedures and management of finances, staff and products. The emphasis in this subject is real world business, specifically transferable skills that can be linked to industry. Students will develop knowledge and skills in a range of practical applications required to produce solutions to real life business problems.

COURSE OUTLINE:

The Business course will be divided into units of work that are based on the applied senior syllabus Business Studies. The following outline is intended as a guide of what may typically be covered in the subject and there may be some variation in the final implementation.

Units	Assessment type
Managing Financial Risk and Reward	Project
You the Investor	Assignment
Planning a Market Stall	Project/Folio
Good to Great – Planning for the future	Multimodal Report

ASSESSMENT:

Teachers will be using a wide range of teaching strategies including hands-on learning experiences to assist students in developing their skills in business.

Future Subject Choices in Year 11

Students who enjoy this subject may select the Applied Subject of Business Studies.



Food and Fibre Production (TFF)

Elective Subject

Food and Fibre Production is a program focusing on building an understanding of nutrition and textiles, and their role and impact within the community. The units of work are based on the design,

development and production of food and textile projects in a range of situations. The subject includes a combination of theory and practical cooking and sewing lessons.



COURSE OUTLINE:

Unit	Assessment type
Making Food Last	Supervised written exam
 Family Food Favourites Nutrition through the life cycle 	Design Project
Technology and FashionT-shirt decoration and application	Design Project
 Tying up loose end recycling Products made from old clothes 	Report

ASSESSMENT:

Students undertake assessment tasks developed to demonstrate knowledge and application of knowledge in given situations. These tasks are reflective of the type of assessment instruments used in senior subjects. Students will be awarded a level of achievement as A to E on their reports.

Teachers will use a wide range of teaching strategies, including hands-on learning experiences, to assist students in developing essential skills for successful participation in senior subjects.

Future Subject Choices in Year 11

In Year 11, students may select the General subject **Food and Nutrition** or the Applied subjects; **Fashion or Hospitality Practices**.







Technology Food Design (A) – Hospitality (TFD A)

Elective Subject

Technology Food Design (Hospitality) is an elective subject available to all students in Year 10. It may be selected by students who have a keen interest or passion for working within the food industry. It includes study related to the development of knowledge and skills required in the hospitality industry and involves a combination of both theory and practical cookery lessons

COURSE OUTLINE:

Units	Assessment type
 Looking at Lunch Suitable lunchbox foods for teenagers 	Research/Design Task
 Influences on Australian Cuisine – Cultural Foods in Australia 	Investigation
 Food Trends and Futures Trends that have changed how we eat 	Written Exam
 Developing Industry Skills Skills and understanding of how the hospitality industry works 	Collection of Tasks

ASSESSMENT:

Students undertake assessment tasks developed to demonstrate knowledge and application of knowledge in given situations. These tasks are reflective of the type of assessment instruments used in senior subjects.

Teachers will be using a wide range of teaching strategies including hands-on learning experiences to assist students in developing their skills which are important to participating successfully in senior subjects.

Future Subject Choices in Year 11

Students who are achieving well in **Hospitality** may select the Applied subject of **Hospitality Practices**.



Technology Food Design (B) – Food and Nutrition (TFD B)

Elective Subject

Technology Food Design (Food and Nutrition) is an elective subject available to all students in Year 10. It may be selected by students who have a keen interest or passion for working within the food industry. It includes study related to the understanding of nutrition, food technology, design, development and production of food items. Students will develop an understanding of the impact of food production and preparation through a combination of theory and practical cookery lessons.

COURSE OUTLINE:

Units		Assessment type
•	Feed the World - Food systems and supply in the community	Research Task (500 words)
•	Nutrient Know How 1 - Vitamins, minerals and proteins	Design Task- written and practical work
•	Nutrient Know How 2 - Carbohydrates and fats	Written Exam
•	Creating New Food Products - Factors that influence food product development	Design Task- written and practical work

ASSESSMENT:

Students undertake assessment tasks developed to demonstrate knowledge and application of knowledge in given-situations. These tasks are reflective of the type of assessment instruments used in senior subjects.

Teachers will be using a wide range of teaching strategies including handson learning experiences to assist students in developing their skills. Important to participating successfully in senior subjects.



Future Subject Choices in Year 11

Students who are achieving well in Food and Nutrition may select the General subjects of **Food and Nutrition** and **Physical Education**.





Materials & Technologies Specialisations (A) - Construction Skills (TMT A)

Elective Subject

Construction Technologies is a subject for all students in year 10. This subject has an emphasis on the development of hand and machine skills used in the practical manufacturing of projects in the construction industry with a focus on wood products. Skills gained are valued in the trade and technical world.

COURSE OUTLINE:

The Construction Technologies course will be divided into units of work that are based on the applied senior syllabuses; Furnishing Skills and Building and Construction Skills. The following outline is intended as a guide of what may typically be covered in the subject and there may be some variation in the final implementation.

Unit outline for each term

Topic-theory	Practical	Assessment
 Timber Production Processes 	Spice Rack	Manufacture of Product/Written Theory Component- Safety Induction
Timber Production Processes	Foot Stool	Manufacture of Product/Written Theory Component
 Timber Production Processes 	Ukulele	Manufacture of Product/Written Theory Component

ASSESSMENT:

Teachers will be using a wide range of teaching strategies including hands-on learning experiences to assist students in developing their skills in manufacturing.

Skills and Processes include; developing solutions for real world problems, collecting and recording procedures and evaluations, analysing and interpreting a range of job plans, problem solving and communicating results in a variety of formats.

Future Subject Choices in Year 11

Students who are achieving well in Construction Skills may select the Applied subjects of **Furnishing Skills** and **Building and Construction Skills**.



Materials & Technologies Specialisations (B) - Industrial Skills (TMT B)

Elective Subject

Industry Technologies is a subject for all students in Year 10. This subject has an emphasis on the development of hand and machine skills used in the practical manufacturing of projects in wood, plastic, and metals. Skills gained are valued in the trade and technical world.

COURSE OUTLINE:

The Industry Technologies course will be divided into units of work that are based on the applied senior syllabuses Engineering Skills and Industrial Technology Skills. The following outline is intended as a guide of what may typically be covered in the subject and there may be some variation in the final implementation.

Topic-theory	Practical Task	Assessment
 Metal Fabrication Processes 	Copper Bowl/Nut Cracker	Manufacture of Product/Written Theory Component – Safety Induction
 Plastics Production Processes 	Fishing Rod Holder	Design Folio - Multimodal
Combined Fabrication	Wicked Problem	Investigation - Spoken
Metal Fabrication Process	Utility Box	Design Folio- Practical Multimodal

ASSESSMENT:

Teachers will be using a wide range of teaching strategies including hands-on learning experiences to assist students in developing their skills in manufacturing.

Skills and Processes include; developing solutions for real world problems, collecting and recording procedures and evaluations, analysing and interpreting a range of job plans, problem solving and communicating results in a variety of formats.

Future Subject Choices in Year 11

Students who are achieving well in Industrial Skills may select the Applied subjects of **Engineering Skills** and **Industrial Technology Skills (Automotive).**

Education Support Services @ Mareeba State High School

At Mareeba State High School every student matters and it is imperative that as part of the enrolment process into our school that we are made aware of any additional needs or support requirements your student may have. Here at Mareeba State High School our ultimate goal is to have every student, in every class learning everyday. This prepares each student to be as independent as they can be and ready for further study or employment at the end of the senior years. Through embedding an inclusive approach to learning, tiers of support are applied with consultation with parents and students to ensure that the learning environment is conducive to individual learning needs.

Through the Multi Learning Centre, known as the MLC, students with disabilities and their families are supported. The disability, or impairment areas are as follows:

- Intellectual Impairment
- Physical Impairment
- Autism Spectrum Disorder
- Visual Impairment
- Speech Language Impairment
- Hearing Impairment

Some students may have Multiple Impairments - a combination of these.

The MLC is staffed by Education Support Staff and is managed by the Deputy Principal Support Services. Students with Disabilities may be supported in mainstream classes by these staff members.

Programs are developed to support students to access the curriculum through the Individual Support Plans (ISP) which include, Individual Curriculum Plans (ICP) process. These plans look at support required across curriculum and individual support required in order for students to access the learning environment.

Both teaching and non-teaching staff provide support to both curriculum teachers and students so that the curriculum can be accessed at an individual student level in an inclusive environment. Students access the curriculum in the broader school environment, in the MLC or in a combination of both. Programs in the MLC include:

- Literacy
- Numeracy
- Technology
- Cert 1 in Information Technology
- AUSLAN

- Cooking and Life Skills
- Study Sessions

We also provide community-based programs designed to assist students in their transition from school to post compulsory schooling life. These include:

- Fitness Programs
- Community Access
- Work Experience
- Linking in with Employment Services

MLC staff members liaise with other resource people and agencies to ensure quality programs for students. These include Advisory Teachers, Therapists, Autism Queensland, the Cerebral Palsy League, EPIC and MAX employment, Mareeba Flexi Respite, and Disability Support Queensland among others.





