

# Mareeba State High School



# 2024 Year 9 Curriculum Information





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# How to Succeed in Year 9

## Study Habits

- ✓ It is important that you continue good study habits throughout Years 8 and 9. If you do this, you will find the work you do at high school much easier and more enjoyable. It will stand you in good stead right throughout your high school career.
- ✓ Make sure you use the school's Student Organiser to keep track of what each subject requires each night. A school organiser is given to all students at the beginning of the school year.
- ✓ Work out a study programme and stick to it!
- ✓ Work out a personal timetable for homework that suits your lifestyle and family.
- ✓ Spend time reviewing each of the subjects you have had that day completing any homework set. Spend no more than one and a half hours a night altogether.
- ✓ In your study programme, there should be time for set homework assignments, revision of the day's work and regular revision of past work.



## Study Effectively

- ✓ Realise that study will produce results.
- ✓ Find a place to study that has good ventilation, good lighting, and no distractions. Make this your study corner.
- ✓ Do active revision (scan the work – ask yourself questions – look for the answers – record notes – revise notes).
- ✓ Do active memorising (say the work several times until you know it – discuss the work with a mate – test yourself by writing down what you've learnt – retest it until you know it).
- ✓ Construct summaries of textbook work to learn.
- ✓ Learn vocabulary and spelling.

# Student Organisers

Every student is supplied a student organiser (diary). It is essential that all students at Mareeba State High have an organiser with them each day for a number of reasons -

- ✓ Information on our school expectations, rules and policies.
- ✓ Keeping of the students' timetable – this is used every lesson by students to ensure that they know which subject they have next, and where the room is for that lesson.
- ✓ Map of the school which enables students to find particular rooms or staff.
- ✓ Homework for their subject.
- ✓ Due dates for assignments.
- ✓ A successful student is a well organised student with an up to date organiser!
- ✓ Students also need the organiser for entering the dates for important events.
- ✓ Pass out record if students need to leave the room for any reason, such as the toilet.

## A STUDENT ORGANISER SHOULD NOT CONTAIN THE FOLLOWING ITEMS:

- pictures
- graffiti
- obscene language

*Parents: Please check your student's organiser regularly. You can use this to communicate with teachers.*

# Subject Descriptions

Example of a Student Timetable in Year 9. All students have a subject arrangement similar to the one shown below. Our aim is to offer all Core Subjects along with a choice of 2 specialist subjects from the Arts and Technology options.

## CORE Subjects (all year)

- English (ENG)
- Mathematics (MAT)
- Science (SCI)
- Health and Physical Education (HPE)
- Social Sciences
  - History (HIS)
  - Geography (GEG)
  - Civics and Citizenship (CIV)
  - Economics and Business (ECB)
- Digital Technologies (DIG) (rotation)

## Specialist Subjects (one (1) from each area)

### Arts & Language:

- Visual Arts (ART)
- Drama (DRA)
- Dance (DAN)
- Music (MUS)
- Media Arts (MED)

### Technology:

- Design and Technology (DAT)
- Food and Fibre Production (TFF)
- Technology Food Design (TFD)
- Materials and Technologies Specialisations (TMT)
- Business Education (BED)

## Mareeba State High School Student Timetable - Semester 2 2022 V6

Student Name: **Year 9, Mckinlay, 9C (Mr Vandersar)**

	Monday	Tuesday	Wednesday	Thursday	Friday
CARE	8:50-9:00 9C VANDMI S02	8:50-9:00 9C VANDMI S02	8:50-9:00 9C VANDMI S02	8:50-9:00 9C VANDMI S02	8:50-9:00 9C VANDMI S02
P1	9:00-10:10 TFD092A MARTWE D01	9:00-10:10 RES092C VANDMI S02	9:00-10:10 GEG092D IDIESA X02	9:00-10:10 SCI092C COCHCI I01	9:00-10:10 HPE092A CUMMTR K02
P2	10:10-11:20 MAT092B NEWLAN E15	10:10-11:20 HPE092A CUMMTR K02	10:10-11:20 HPE092A CUMMTR K02	10:10-11:20 GEG092D IDIESA X02	10:10-11:20 ENG092A FORNMA C03
RECES S 1	11:20-12:10	11:20-12:10	11:20-12:10	11:20-12:10	11:20-12:10
P3	12:10-1:20 BED092A BEHNDA C04	12:10-1:20 ENG092A FORNMA C03	12:10-1:20 SCI092C COCHCI I03	12:10-1:20 MAT092B NEWLAN E15	12:10-1:20 TFD092A MARTWE D01
RECES S 2	1:20-1:50	1:20-1:50	1:20-1:50	1:20-1:50	1:20-1:50
P4	1:50-3:00 SCI092C COCHCI H02	1:50-3:00 GEG092D IDIESA X02	1:50-3:00 ENG092A FORNMA C03	1:50-3:00 BED092A BEHNDA C04	1:50-3:00 MAT092B NEWLAN E15

Care Class  
(Care Class Teacher)

Sports House

Class Code  
Class Name

Teacher Code  
Teacher Name

Room Number

### Legend:

Class Code	Class Name	Teacher Code	Teacher
9C	Roll Class	BEHNDA	Mr Behn
BED092A	Business Education	COCHCI	Mr Cochran
ENG092A	English	CUMMTR	Mr Cummings
GEG092D	Geography	FORNMA	Ms Fornili
HPE092A	Health and Physical Education	IDIESA	Miss Idiens
MAT092B	Mathematics	MARTWE	Mrs Martin
RES092C	Resilience Project	NEWLAN	Mrs Newlands
SCI092C	Science	VANDMI	Mr Vandersar
TFD092A	Food Specialisations		

**On the first day of school, students will receive a timetable that shows lessons, lesson times, teachers and rooms as indicated in the sample above.**

# Curriculum Learning Areas

At Mareeba State High School, our curriculum is divided between learning areas that come from the Australian National Curriculum. Content descriptions form the basis of what is taught in each learning area from Year 7 through to Year 10.

## The Learning Areas are:

- Resilience – The Resilience Project
- English
- Humanities and Social Sciences – Civics and Citizenship, Economics and Business, Geography & History
- Maths
- Health – Health, Physical Education
- Science
- Visual and Performing Arts – Dance, Drama, Media Arts, Music, Instrumental Music & Visual Art
- Technologies – Design & Technology, Digital Technologies, Food and Fibre Production, Food Specialisations and Materials & Technologies Specialisations

These learning areas can be divided between our Core subjects and our Elective subjects. **Core subjects** are compulsory subjects studied by all students across Years 7 to 10. **Elective** subjects are offered to students at junctures in their education across these years. All subjects provide valuable learning activities derived from the Australian Curriculum, while our elective areas also allow students to design their schooling towards their own preferences or needs.

Parents will be informed when **subject selection** is required. This process occurs during Term 3 or 4 of the year before new subjects are started and will involve subject selection information sessions for students, send-home information and consent forms.



# Resilience (RES)

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



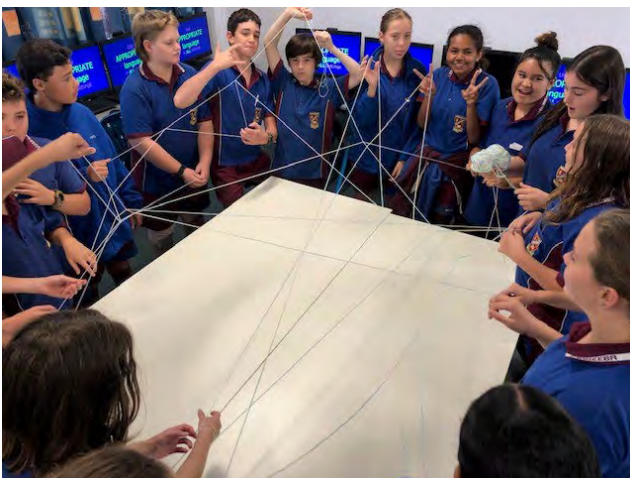
The Resilience Project delivers emotionally engaging programs and provides evidence-based, practical strategies to build resilience. This program is an important part of our school's effort to look after the mental health of our community. It focuses around 4 key components:

- **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.

# English (ENG)

CORE  
Subject



English is a core subject derived from the Australian Curriculum. The English curriculum is built around three interrelated strands: Language, Literature and Literacy. The units undertaken in a course of study in English integrate elements of these strands.

In Year 9, students communicate with peers, teachers, individuals, groups and community members in a range of contexts. Students will engage with a variety of texts for enjoyment by listening to, reading, viewing, interpreting, evaluating and performing a range of spoken, written and

multimodal texts in which the primary purpose is aesthetic, as well as texts designed to inform and persuade. These include various types of media texts (newspapers, magazines and digital texts), early adolescent and young adult novels, non-fiction, poetry and dramatic performances. Students develop their understanding of how texts, including media texts, are influenced by context, purpose and audience.

In their course of study, students will create a range of imaginative, informative and persuasive types of texts, in written, spoken and multimodal formats. The study of this core subject area prepares students to make choices in their senior pathway through Years 11 and 12 in either the General subject **English** or the Applied Subject **Essential English**.

# Social Sciences

CORE  
Subject

**Includes: *Geography and History***

In the Year 9 Social Science program, students will complete one semester of History and one semester of Geography each year. There are elements of contemporary fields of study such as environmental education, civics, values and future studies. These study areas provide students with opportunities to explore environmental, economic, cultural, legal and political systems in a range of contexts.

It also introduces students to:

- Studies of the past
- Australian and world geography
- Political, legal and economic system



Students develop a broad understanding of local and global issues and trends. They also develop the ability to analyse historical and contemporary events from different viewpoints and learn to seek and analyse information from a wide variety of sources.

Topics include:

- Federation and Australia in the First World War
- Biomes and food security
- Global connections

## Future Subject Choices



The study of the social sciences during their junior years allows students to select senior pathways that include the General subjects: **Ancient History**, **Modern History**, **Geography** and **Legal Studies**.



# Mathematics (MAT)

CORE  
Subject

The purpose of Mathematics in junior schooling is to provide all students with the mathematical skills and confidence required to be numerate in our community. Studying junior mathematics introduces specialist mathematical procedures for those students likely to pursue professions where further mathematical knowledge is required.

Students in Year 9 will be working on the Australian Curriculum via our Mathematics teaching program. The strands studied are:

- Number and Algebra
- Measurement and Geometry
- Statistics and Probability.



Emphasis is placed on the mastery of content, ensuring key concepts or procedures are fully learnt in preparation for end of term assessments in Year 9. Students will be organised into flexible ability classes according to their levels of attainment on a range of assessment instruments. As well as end of unit/term internal assessment, students will be encouraged to enter Australian Maths Competitions, and Maths Week activities held each year. Students will also begin preparation for the NAPLAN assessment which they are required to sit in Term1 of Year 9.

## Course Outline

Term/Unit	Topic	Assessment Task
1	<ul style="list-style-type: none"> <li>• Surface Area and Volume</li> <li>• Index Laws and Scientific Notations</li> <li>• Expanding and Factoring Quadratic Expressions</li> </ul>	Written Exam
2	<ul style="list-style-type: none"> <li>• Right-angled Triangle Trigonometry</li> <li>• Similar Triangles</li> <li>• Probabilities</li> </ul>	Written Exam
3	<ul style="list-style-type: none"> <li>• Statistics</li> <li>• Linear Equations, Graphs, Midpoint and Distance</li> </ul>	Problem Solving and Modelling Task Written Exam
4	<ul style="list-style-type: none"> <li>• Proportion and Rates</li> <li>• Financial Mathematics</li> <li>• Factorising, Solving and Graphing Quadratics (extension only)</li> </ul>	Written Exam

## Future Subject Choices in Year 11

Our curriculum in junior Mathematics prepares students for their future pathways when they are able to choose senior courses for Year 11 and 12 in the General subjects: **General Mathematics**, **Mathematical Methods** and **Specialist Mathematics**, the Applied subject **Essential Mathematics** or the **Short Course in Numeracy**, depending on their abilities and future needs.



# Science (SCI)

CORE  
Subject



Science education at Mareeba State High School aims to expose students to a wide range of science topics based on the Australian Curriculum. They will also have the opportunity to discuss issues that they will face at a local and global level as active community members. A key aspect of the junior science program is to develop the skills required to work safely in a laboratory and develop their investigative skills in a range of science areas. They will perform science investigations regularly

over the year on a range of topics including Biology, Physics, Chemistry and Earth Science.

Students will be assessed no more than twice a term with a range of assessment tasks including; experimental work, hands on projects, exams and class research tasks. They will use one of two text books (Science World or Amazing Science) in class, with the teacher also using extra resources from a range of texts and websites for class tasks and homework.

## Course Outline

Unit	Topic	Assessment Task
1	Plate Tectonics and Continental Drift	Multi-modal Presentation
2	Atomic Structure and Radioactivity	Written Exam
3	Acid Base Chemistry	Student Experiment
4	Ecology	Extended Response
5	Plant and Animal Responses	Written Exam
6	Solar Oven Designs	Student Experiment

Students also have the opportunity to be involved in extra science activities throughout the year. These include a Science Club which runs in lunch hours regularly through the year, a wide range of external competitions and excursions, as well as access to visiting scientists and guest speakers several times a year.

## Future Subjects in Year 11

The knowledge and skills developed through the study of Science across their junior years will benefit students in selecting relevant subjects in senior, the including General subjects: **Biology, Physics, Chemistry, Psychology** or the Applied subjects; **Science in Practice & Aquatic Practices**.

## Workplace Health and Safety – additional requirements for Science

*Science laboratory work requires that students' feet be adequately covered to prevent accidental burning, injury from sharp objects or infection from some cause. Students must wear safety glasses during experimental activities. These will be provided by the Science Department.*

*Students may be required to tie back long hair where it is likely to be a fire hazard or come into contact with corrosive materials. Water bottles are not allowed in science laboratories due to the possible risk of materials being added to them during experimental work and are also a hazard on work benches. During field studies, students will be expected to wear a hat and covered shoes.*

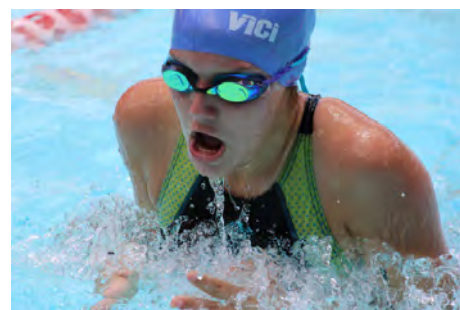
# Health & Physical Education (HPE)

**CORE  
Subject**

In Year 9, students participate in a range of activities focussing on foundation skills in a variety of sports as well as building upon the knowledge of HPE and improving students' health and fitness. Practical work is a compulsory part of this subject.

## Theory topics include:

- Relationships and Sexuality
- Cultural Awareness and Identity
- Food and Nutrition
- Lifelong Physical Activity
- Mental Health and Wellbeing
- Risk taking (Alcohol and Drugs)



## Practical units:

- Net and Court Sports
- Athletics
- Fitness and Life Long Physical Activity
- Ball Sport - Cricket and AFL
- Challenge and Adventure - Outdoor Activities
- Cultural Dance

**Students must wear a Mareeba SHS Sunsaf hat for all outdoor activities.**

Hats can be purchased from the tuckshop

The foundation knowledge and skills developed during the junior years of studying HPE allows students to choose senior pathways that include the General subject **Health and Physical Education**, or the Applied subject **Recreation Studies**.

Unit	Topic	Assessment Task
1	<ul style="list-style-type: none"> <li>- Alcohol and Drugs</li> <li>- Games + Sport Net/Court</li> </ul>	<ul style="list-style-type: none"> <li>- Exam</li> <li>- Performance</li> </ul>
2	<ul style="list-style-type: none"> <li>- Cultural Awareness and Identity</li> <li>- Cultural Dance</li> </ul>	<ul style="list-style-type: none"> <li>- Folio</li> <li>- Performance</li> </ul>
3	<ul style="list-style-type: none"> <li>- Relationships and Sexuality</li> <li>- Challenge and Adventure</li> </ul>	<ul style="list-style-type: none"> <li>- Exam</li> <li>- Performance</li> </ul>
4	<ul style="list-style-type: none"> <li>- Food and Nutrition</li> <li>- Lifelong Physical Activity</li> </ul>	<ul style="list-style-type: none"> <li>- Folio</li> <li>- Performance</li> </ul>
5	<ul style="list-style-type: none"> <li>- Mental Health + Wellbeing</li> <li>- Field Sports AFL/Cricket</li> </ul>	<ul style="list-style-type: none"> <li>- Report</li> <li>- Performance</li> </ul>

# Dance (DAN)

Elective  
Subject

In Dance, students learn a variety of skills and are encouraged to become lifelong learners. Students develop a range of creative skills through the practice of physical routines, technical understanding and theoretical exploration. Students establish positive working relationships, share ideas and develop physical fitness.

Students will engage with physical space, pattern recognition and the generation of a narrative to better express and tell stories. This practice is aimed at enhancing their world view, knowledge and awareness of social issues.

## Course Outline

Title	Focus for the term	Assessment
Functions of Dance or World and Cultures	Choreography	Respond/Reflect: Analyse, Evaluate, Choreography
Contemporary and Ballet	Practical Application	Respond/Reflect Performance
Hip Hop	Practical Application	Respond/Reflect Appreciation
Dance on Film	Performance, Choreography and Respond/Reflect	Multi-Modal Presentation

## Assessment

The assessment tasks used throughout the year will be assessed according to the Australian Curriculum Standards. Students undertake a variety of assessment tasks that are reflective of the types of assessment instruments used in senior subjects such as practical, written and multimodal and choreographic tasks.

## Future Subject choices

Students who are achieving in Dance may select in the future from the Applied subject of **Dance in Practice** and the General subject of **Dance** in Year 11.



# Drama (DRA)

Elective  
Subject



In Drama, students will investigate the elements of drama through practical and theory-based activities. They will investigate historical and modern forms of drama and develop skills in basic stagecraft and effective group work. Students are expected to be involved in the annual school production (either a Variety concert or Musical) as part of their assessment. This is an excellent opportunity for students to demonstrate and develop skills associated with a live production in either an onstage or backstage role. Students may be required to attend rehearsals outside of school time and attend the performances.

## Course Outline

In Drama students will:

- Make (create & perform) drama
- Respond to drama

Unit		Assessment Types
Unit 1	Commedia Dell' arte	Improvised Performance Using A Commedia Scenario (Group) Commedia Scenario Writing Task (Individual)
Unit 2	Showtime! (Part 2)	Production Journal and Reflection (Individual)
Unit 3	Audition Skills	Monologue Performance (Individual) Scripted Performance of Audition Piece (Group)
Unit 4	Theatre Critic	Theatre Review of Live Performance (Individual)

## Assessment

The assessment tasks used throughout the year will be assessed according to the Australian Curriculum Standards. Students undertake a variety of assessment tasks that are reflective of the types of assessment instruments used in senior subjects such as practical, written and multimodal tasks.

## Future Subject Choices in Year 11

Students who are achieving in Drama may select, in future, from the Applied subject of **Drama in Practice** and the General subject of **Drama** in Year 11.



# Music (MUS)

Elective  
Subject

In Music, students learn how to read and write in the 'language' of music – the theory of music. Skills on the piano, guitar, bass and percussion are developed through class time practice, and have the potential to develop into life-long skills. There are opportunities to learn singing skills as well, through performing in small groups. Students learn how music is created, and compose their own music.

## Course Outline

In Music students will:

- Respond to music
- Perform music
- Make music



Term/Units	Assessment Type
Australian Sounds	<ul style="list-style-type: none"> <li>• Performance of a piece from Australian repertoire</li> <li>• Study of Indigenous music, analysis of the elements of music</li> </ul>
The Orchestra – Instrument Families	<ul style="list-style-type: none"> <li>• Performance of a chosen orchestral theme</li> <li>• Knowledge and analysis tests of orchestral music</li> </ul>
Music Cultures and Fusions	<ul style="list-style-type: none"> <li>• Arrangement of a song from a selected musical culture</li> <li>• Performance of a song from a selected musical culture</li> </ul>
Film Music into Focus	<ul style="list-style-type: none"> <li>• Composition of music to accompany a short film clip</li> </ul>

## Assessment

The assessment tasks used throughout the year will be assessed according to the Australian Curriculum Standards. Students undertake a variety of assessment tasks that are reflective of the types of assessment instruments used in senior subjects such as practical tasks, written and multimodal tasks and composition.

## Future Subject Choices in Year 11

Students who are achieving in Music may select in future the Applied subject of **Music in Practice** and the General subject of **Music** in Year 11.



# Media Arts (MED)

Elective  
Subject

In Media Arts, students use communications technologies to creatively explore, make and interpret stories about people, ideas and the world around them. They engage their senses, imagination and intellect through media artworks that respond to diverse cultural, social and organisational influences on communications practices today.

## Course Outline

Unit		Assessment
1	Storytelling with sound	<b>Making:</b> sound scape (including sound effects, music and voice over) for a short film <b>Responding:</b> Extended response to stimulus
2	A new Spin	<b>Making:</b> CD cover <b>Responding:</b> Reflective statement
3	Stop motion Health	<b>Making:</b> Health promotion animated film <b>Responding:</b> Analysis of an advertisement

## Assessment

Students will complete assessment in Media Arts through making and responding to Media Arts works.

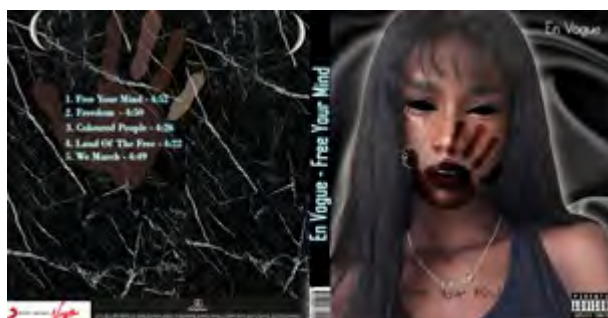
- *Making* in Media Arts involves using communications technologies to design, produce and distribute media artworks.
- *Responding* in Media Arts involves students learning to explore, view, analyse and participate in media culture.

Students will complete a variety of assessment instruments with may include the following:

- Film/television scripts and storyboards
- Character designs
- Digital image/photography portfolios
- Posters developed using Adobe Photoshop
- Written responses
- Video/written reflection diaries
- Production of short films

## Future Subject Choices

Students who are achieving in Media Arts may select in future the Applied subject of **Media Arts in Practice** and the General subject of **Film, Television and New Media** in Year 11.



# Visual Arts (ART)

Elective  
Subject

In Visual Arts 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, reflecting on the processes used, analysing art works and communicating meaning to particular audiences.

## Course Outline

In Visual Arts 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

## Assessment type

These units enable students to experiment with drawing, mixed media, painting and sculpture.

Students will:

- Examine relevant artists
- Develop compositions
- Respond to art concepts
- Create a small series of works
- Complete a visual diary work
- Create a large mixed media artwork
- Reflect on the works that have been created

Areas of focus include collage-making, skateboard graphic design, wire sculptures and black and white lino block prints.

## Assessment

The assessment tasks used throughout the year will be assessed according to the Australian Curriculum Standards. 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 in Visual Arts may select, in future, the Applied subject of **Visual Arts in Practice** in Year 11.





# Design and Technology (DAT)

Elective  
Subject

This subject builds on the skills and knowledge developed in Year 8 Design and Technology and will further develop skills and techniques in manual technical drawing as well as extending the skills and knowledge in the use of computer aided design software (CAD) . Reading and interpreting working drawings and other required skills for various trades such as construction and fabrication are also covered.

## Course Outline

The course will cover one or more topics each term. The following outline is intended as a guide of what may typically be covered in the subject, with possible variations in implementation.

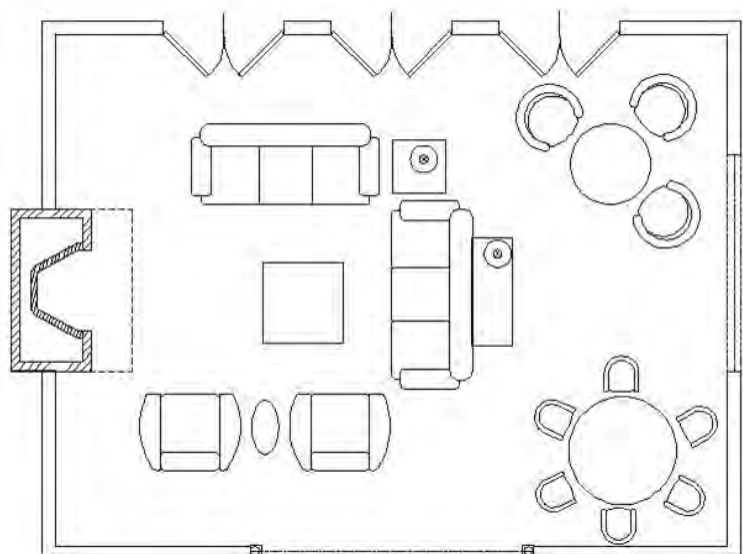
Semester	Tasks	Assessment type
Learning outside	<ul style="list-style-type: none"> <li>• Pictorial Views</li> <li>• Orthographic Projections</li> <li>• Geometric Construction</li> <li>• Development</li> <li>• Sketching</li> <li>• Pictorial View</li> </ul>	Project – Technical drawings and written work
Accessorise	<ul style="list-style-type: none"> <li>• Scales</li> <li>• Titles and Symbols</li> <li>• Development</li> <li>• Circles and Enlargements</li> <li>• Symbols</li> </ul>	Project – Collection of Work/Product - two 3D printed accessories
Reno Rumble	<ul style="list-style-type: none"> <li>• Scales</li> <li>• Titles and Symbols</li> <li>• Development</li> <li>• Circles and Enlargements</li> <li>• Symbols</li> </ul>	Design Folio - technical drawing and physical scale model

## Assessment

- Collection of work completed during class time
- Supervised Assessment/Exam covering graphical knowledge, understanding and skills

## Future Subject Choices in Year 11

In Year 11, they may select the Applied subject **Industrial Graphics Skills**.



# Digital Technologies (DIG)

Elective  
Subject



Digital Technologies emphasises the use of digital technology to solve problems. Students will develop knowledge and understand the technical aspects and social implications of digital technology and processes and production skills required to develop digital solutions for problems.

## Course Outline

The Digital Technology course will be divided into units covering a range of digital technology topics. 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
• Databases and Information Management	Project
• Python Programming & Flowcharts	Project
• Interactive Games in Python	Project
• Webpage Design/HTML	Project
• Blender animation	Project
• Introduction to PyGames	Project

## Assessment

- Digital project solving a problem using digital technology
- Collection of digital technology related work completed in class
- Supervised assessment covering knowledge, understanding and application of digital technology
- Creation of online environments

## Future Subject Choices in Year 11

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



# 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
<ul style="list-style-type: none"><li>• Functional fashion- Characteristics of fabrics and clothes</li></ul>	Project
<ul style="list-style-type: none"><li>• Sustainable Textiles: Waste in Textile industry, redesigning or repurposing garment</li></ul>	Collection of tasks
<ul style="list-style-type: none"><li>• Food Glorious Food: Impact of Nutrients on good health</li></ul>	Report
<ul style="list-style-type: none"><li>• Food on the Go: Designing foods to be taken with you</li></ul>	Exam

## 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 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, they may select the General subject **Food and Nutrition** or the Applied subjects **Fashion** or **Hospitality Practices**.



# Food Specialisations – Technology Food Design (TFD)

Elective Subject

Food Specialisations - Technology Food Design is a program focusing on developing students understanding of ingredients, the functions of foods and food preparation skills. This subject involves a combination of theory and practical cookery lessons, including the production of food items.

## Course Outline

Unit	Assessment
<ul style="list-style-type: none"> <li>Looks Good Tastes Great: Food presentation and sensory analysis of foods</li> </ul>	Collection of tasks
<ul style="list-style-type: none"> <li>Making food last: Food storage and preservation techniques</li> </ul>	Exam
<ul style="list-style-type: none"> <li>Minimal Impact: Ways to reduce the impact of food waste</li> </ul>	Research task
<ul style="list-style-type: none"> <li>Industry Standards- Working in the hospitality industry</li> </ul>	Design Project

## Assessment

Students undertake assessment tasks developed to demonstrate and apply knowledge and application of knowledge in given situations.

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 the subject.

## Future Subject Choices in Year 11

In Year 11, they may select the General subject **Food and Nutrition** or the Applied subject **Hospitality Practices**.



# Materials & Technologies Specialisations (TMT)

Elective Subject

This subject builds on the introductory skills covered in Year 8 Technology subjects with an emphasis on the further development of hand skills and an introduction to machine skills used in the practical manufacturing of projects in woods, plastics and metals. Workshop safety and theory is also covered. Skills gained are valued in the trade and technical environments.

## Course Outline

The Materials and Technologies Specialisation course will usually cover a range of practical projects with most of the time being spent in the wood or metal workshop. The following outline is intended as a guide

of what may be covered in the subject and there may be some variation in the final implementation.

Unit	Term Made	Assessment type
1	<ul style="list-style-type: none"> <li>• Port</li> </ul>	Project <ul style="list-style-type: none"> <li>• Practical</li> </ul>
2	<ul style="list-style-type: none"> <li>• Hacksaw/Garden trowel</li> </ul>	Project <ul style="list-style-type: none"> <li>• Practical</li> </ul>
3	<ul style="list-style-type: none"> <li>• Pinball</li> </ul>	Project <ul style="list-style-type: none"> <li>• Design folio written and practical</li> </ul>

### Assessment

Assessment techniques will include:

- Completion of practical projects
- Evaluation of completed practical projects
- Workshop theory tasks
- Short answer tests on knowledge and understanding of workshop equipment and principles

### Future Subject Choices in Year 11

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

## Business Education (BED)

Elective  
Subject

This subject introduces the knowledge and skills of business design and develops understanding of factors that impact on development and success of business ventures.



### Course Outline

The Business Education course will be divided into units covering a range of both national and international business topics. 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	Assessment type
<ul style="list-style-type: none"> <li>• You, the worker</li> </ul>	Extended response (exam)
<ul style="list-style-type: none"> <li>• You, the investor – share market game</li> </ul>	Extended response (exam)
<ul style="list-style-type: none"> <li>• Competitive advantage</li> </ul>	Report
<ul style="list-style-type: none"> <li>• Managing financial risks and rewards</li> </ul>	Project <ul style="list-style-type: none"> <li>• Cost benefit analysis</li> <li>• (Making a major financial decision – buying a car)</li> </ul>

### Future Subject Choices in Year 11

In Year 11, students may select the Applied subject of **Business Studies**.

# Education Support Services at 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.

