


Emerald

State High School



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YEAR 7 & 8 SUBJECT HANDBOOK 2021/2022

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Core Subjects

All students study the following each week:

English	Page 5
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History/Geography	Page 7
Health & Physical Education	Page 8
Science	Page 8
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Students will then cycle through electives which they will study for 2 lessons/week for a trimester over the duration Years 7 and 8.

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General information to parents:

At the start of the year, student timetables will be available to parents via QParents and to students via their school email. Students will have their timetable emailed to their school email address. This can be accessed at home at <https://owa.eq.edu.au> and students enter their username and password that they use at school.

In the case of Year 7, students will have access after they become ACTIVE (ie. They have started school at Emerald State High School).

The details listed on the following pages are a guide as to what is involved in each subject:

- ❖ Title of subject
- ❖ Cost of subject
- ❖ Topics covered (in child friendly language)
- ❖ Assessment
- ❖ Excursions (if any)
- ❖ Where this subject leads to (school and possible jobs examples)
- ❖ Any pre-requisites (or if it is a pre-requisite for subjects in future year levels)
- ❖ Any necessary materials required for studying this subject.

SUPPORT SERVICES

If you require guidance or further information regarding subject choices and career options please make contact with the following people:

Careers Guidance Team

Subject Selection/Changes and Career Advice:

Guidance Officer:

Valda Fitzgerald



School Based Traineeships/Apprenticeships:

Work Placement Coordinator:

Alarna Wills



Heads of Departments

If you require further information regarding specifics on subjects, please make contact with the relevant Head of Department through the school main office.

SUBJECT	HEAD OF DEPARTMENT	Email contact
English	Gabrielle Hunt	ghunt55@eq.edu.au
Maths	Nahroon Nazim	nnazi1@eq.edu.au
Science	Aneel Dewan	adewa13@eq.edu.au
Humanities	Kerrie-Ann Van Hees	kvanh4@eq.edu.au
HPE and Japanese	Debbie Cognet	dlaws30@eq.edu.au
Arts	Lucy Ferrara	lferr62@eq.edu.au
Technologies	Noel Cavanagh	ncava8@eq.edu.au
VET	Annette Carter	acart163@eq.edu.au
Special Education Services	Deanne Lucht	dluch4@eq.edu.au

ENGLISH

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPICS COVERED

YEAR 7

Convince and Create: Persuasive Speeches; Myths, Legends and Narrative Writing
Hero or Villain?: Black Snake: The Story of Ned Kelly
Modern Mythology: Percy Jackson and the Lightning Thief

YEAR 8

Waiting on the World to change: Rabbit Proof Fence and Song Analysis
Wonder of Words: Horror fiction and the novel Wonder

ASSESSMENT

YEAR 7

Convince and Create: 1. Persuasive Speech 2. Myth (Narrative task)
Hero or Villain?: 3. Argumentative Essay
Modern Mythology: 4. Creative Monologue

YEAR 8

Waiting on the World to Change: 1. Analytical Essay 2. Poetry Analysis
Wonder of Words: 3. Short Story 4. Monologue

EXCURSIONS - NIL

PATHWAY

English will impact on every subject at Emerald State High School. This subject provides the literacy skills that will be necessary for any pathway.

PRE-REQUISITE INFORMATION - This subject is compulsory

MATERIALS NECESSARY FOR THIS SUBJECT

Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.

MATHEMATICS

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPICS COVERED:

YEAR 7	YEAR 8
Number and place value Real numbers Money and financial mathematics Patterns and algebra Linear and non-linear relationships Using units of measurement Shape Location and transformation Geometric reasoning Chance Data representation and interpretation	Number and place value Real numbers Money and financial mathematics Patterns and algebra Linear and non-linear relationships Units of measurement Geometric reasoning Chance Data representation and interpretation

ASSESSMENT:**YEAR 7****TERM 1:**

Supervised assessment - Integers, Index Laws, Fractions

Modelling and problem-solving task- Garden Beds, Recognizing quadrilaterals

TERM 2

Supervised assessment – Patterns and Algebra
Probability

TERM 3

Supervised assessment – Integers and real numbers

Modelling and problem-solving task – Best Buys (Finance)

TERM 4

Supervised assessment – applying data and geometry concepts
(Whole year exam)

YEAR 8**TERM 1**

Supervised assessment - Financial maths

Modelling and Problem solving Task –Probability

TERM 2

Supervised assessment - Algebra and Measurement

TERM 3

Supervised assessment – Ratios, Linear relationships

Problem Solving & Modelling Task (PSMT) – Statistics/data analysis

TERM 4

Exam – Algebra, geometry – congruency
(Whole year exam)

EXCURSIONS: – Nil**PATHWAY:**

Mathematics is more than a subject that everyone in school needs to take. Many believe that math is only needed in the Science, Technology, Engineering and Mathematics fields (STEM). That's true, math is absolutely essential in those fields, but it is also needed in many other fields including economics, many of the social sciences such as psychology and sociology, and in many of the arts and humanities disciplines including art, music, and mass communications. Mathematics has been called "the universal language".

PRE-REQUISITE INFORMATION: This subject is compulsory.

MATERIALS NECESSARY FOR THIS SUBJECT: 4x10mm Grid books, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters, scissors and a scientific calculator.

HISTORY

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPICS COVERED:

- UNIT 1: Mungo Artefact study
- UNIT 2: Egypt & China

ASSESSMENT:

- IA1 - Independent Source Investigation (Investigating an artefact)
- IA2 - Egypt – collection of work (2 TEEL paragraphs and diagram)
- IA3 - China – Response to historical stimulus

EXCURSIONS: Nil

PATHWAY: History provides students with skills in research, writing and critical thinking skills. It is also excellent preparation for students wanting to progress to university especially in careers that focus on law, journalism, human resources, technical writing, teaching, public relations, government service, politics etc.

PRE-REQUISITE INFORMATION: Nil

MATERIALS NECESSARY FOR THIS SUBJECT: Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.

GEOGRAPHY

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPICS COVERED:

- UNIT 1: Water in the World
- UNIT 2: Place and Liveability

ASSESSMENT:

- IA1 - Combination Response test (Explaining water processes, effects and patterns)
- IA2 - Stimulus Response Exam (Managing water in Australia)
- IA3 - Written Report (Investigating liveability in the local area)

EXCURSIONS: Local area study (Egerton St and Skate Park)

PATHWAY: Geography is the study of the interaction between people and their environments, both natural and human. Geographers examine the places and regions resulting from such interaction and analyse the spatial characteristics of all manner of cultural, economic, political, and physical processes and relationships. Career pathways in geography include: environmental science, geology, mining and engineering, urban planning, surveying, teaching, geographical information systems technician, landscape architect, hydrologist, climatologist and many other university pathways.

PRE-REQUISITE INFORMATION: Nil

MATERIALS NECESSARY FOR THIS SUBJECT: Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.

HEALTH & PHYSICAL EDUCATION (HPE)

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPICS COVERED: Approaching adolescence, I can make good decisions, Super snacks, and Generations. Sports can include touch, netball, basketball, European handball, volleyball, athletics and other sports depending on teacher specialities.

ASSESSMENT: project, research task, project, a collection of work and practical assessment

EXCURSIONS: NIL

PATHWAY: Can lead to SNR Physical Education or Sport and Recreation/Fitness

PRE-REQUISITE INFORMATION: This is a compulsory subject in grade 7, 8, 9.

MATERIALS NECESSARY FOR THIS SUBJECT: bucket hat (school hat preferred), water bottle, closed in shoes for practical lessons and Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors for theory lessons.

SCIENCE

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPICS COVERED

Year 7

Term 1 Chemistry - Water – waste not, want not

Term 2 Physics - Moving right along- exploding motion and applications in real systems

Term 3 Space - Heavenly bodies and sensational seasons

Term 4 Biology - Organizing organisms and affecting organisms

Year 8

Term 1 Chemistry - Particles matter and chemistry of common substances

Term 2 Earth Science - Rocks never die and rock my world

Term 3 Physics - Energy in my life and Mousetrap Racers

Term 4 Biology - Building blocks of life and survival

ASSESSMENT

- Experimental Investigations
- Exams
- Research Tasks

EXCURSIONS: N/A

PATHWAY: Can lead to General and Applied Science subjects in Senior – Chemistry, Biology, Physics and Science in Practice

PRE-REQUISITE INFORMATION: This is a compulsory subject in Years 7 and 8.

MATERIALS NECESSARY FOR THIS SUBJECT: Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.

JAPANESE

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPICS COVERED: Me, Myself and I..., Memorable Places, Oral Traditions, and What is community/School magazine

ASSESSMENT: Collection of work (written and spoken), collection of work (reading and writing), collection of work (writing and reflecting), collection of work (writing, speaking, analysing, reflecting)

EXCURSIONS: NIL

PATHWAY: Can lead to senior Japanese

PRE-REQUISITE INFORMATION: This is a compulsory subject in Years 7 and 8.

MATERIALS NECESSARY FOR THIS SUBJECT: Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.

CIVICS AND CITIZENSHIP

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPICS COVERED:

Civics and Citizenship explores parliamentary process and the development of laws in the Westminster system. Students examine the Australian Constitution to identify the rights, responsibilities and freedoms that this incredibly important document affords Australian Citizens. Throughout this subject, students research the characteristics of active citizenship and how this impacts upon the process for enacting legislation. Civics and Citizenship study provides students with important foundational skills for participating as active citizens through in-depth analysis of the Australian voting process including a mock election and participation in the election voting process.

ASSESSMENT: Portfolio of Work

EXCURSIONS:

Students will have the opportunity to be involved in an excursion to the Emerald Magistrates' Court and on a tour of the Emerald Police Station.

PATHWAY:

The knowledge, skills and attitudes Civics and Citizenship students gain are transferable to all discipline areas and post-schooling tertiary pathways. The research and analytical skills this course develops are universally valued in business, health, science and engineering industries. A course of study in Civics and Citizenship can establish a basis for further education and employment in the fields of law, law enforcement, criminology, justice studies and politics.

PRE-REQUISITE INFORMATION All students will study this subject in Year 7 or 8.

MATERIALS NECESSARY FOR THIS SUBJECT

Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.

BUSINESS AND ECONOMICS

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPICS COVERED:

In Economics and Business, students will develop and apply enterprising behaviours and capabilities, knowledge, understanding and skills of inquiry to investigate a personal, community, national or regional economics or business issue. Students will observe a business to identify factors that contribute to its success; and explore what it means to be a consumer, a worker and a producer in the market and the relationships between these groups.

ASSESSMENT:

Portfolio of work

EXCURSIONS: nil

PATHWAY:

The knowledge, skills and attitudes economics students gain are transferable to all discipline areas and post-schooling tertiary pathways. The research and analytical skills this course develops are universally valued in business, health, science and engineering industries. A course of study in economics can establish a basis for further education and employment in the fields of business, law, finance and health.

PRE-REQUISITE INFORMATION: All students will study this subject.

MATERIALS NECESSARY FOR THIS SUBJECT:

Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.

MUSIC

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPIC COVERED: Introduction to Music

This unit focuses on the development of skills and techniques through composing, performing and analysing various song styles. Students will investigate a variety of styles and genres such as film music, fusion and electronic music.

ASSESSMENT:

Making (composition and performance)

PATHWAY:

Opportunities to pursue a career as a musician, composer, performer or a profession that requires 'out of the box' thinking, delivery of presentations and speaking to clients and/or participating in team work tasks on a daily basis.

PRE-REQUISITE INFORMATION:

All students will study Music as an elective in Year 7 or 8 as part of the elective offerings.

MATERIALS NECESSARY FOR THIS SUBJECT:

Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.

VISUAL ARTS

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPIC COVERED: Introduction to Art

This unit focuses on the development of practical and experimental skills through application tasks. Students will focus on experimentation through a range of mediums in the context of street art, pop art and identity.

ASSESSMENT:

Making (art work)

PATHWAY:

Opportunities to pursue a career as an artist, curator, architect, arts teacher or a profession that requires organisation, design and delivery of presentations, 'out of the box' thinking and speaking to clients and/or participating in team work tasks on a daily basis.

PRE-REQUISITE INFORMATION:

All students will study Art as an elective in Year 7 or 8 as part of the elective offerings.

MATERIALS NECESSARY FOR THIS SUBJECT:

Exercise book, red and blue pens, coloured pencils, ruler, eraser, HB pencils, glue stick, display folder, highlighters, scissors, a visual art diary and 2B pencils.

DRAMA

COST OF SUBJECT: Nil

TOPIC COVERED: Introduction to Drama

This unit focuses on the development of stage craft through script writing and performance. Students will focus on a range of styles such as comedy, clowning, cinematic theatre and realism.

ASSESSMENT:

Making (script writing and performance)

PATHWAY:

Opportunities to pursue a career in performance, creative writing, journalism, film, production management and stage management.

PRE-REQUISITE INFORMATION:

All students will study Drama as an elective in Year 7 or 8 as part of the elective offerings.

MATERIALS NECESSARY FOR THIS SUBJECT:

Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.

FOOD SPECIALISATIONS

COST OF SUBJECT: All costs covered by the Student Resource Scheme.

TOPICS COVERED: Hygiene, Safety and Healthy eating. Including practical cooking and theory lessons.

ASSESSMENT: Design folio for healthy food product with written and performance component.

EXCURSIONS: Nil

PATHWAY: Further studies in Hospitality and Food and Nutrition

PRE-REQUISITE INFORMATION: All students will study this subject as an elective in Year 7 or 8 as part of the elective offerings.

MATERIALS NECESSARY FOR THIS SUBJECT: Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors. Enclosed shoes and hair tie are needed for practical lessons.

DESIGN AND TECHNOLOGIES

COST OF SUBJECT: All costs covered by the Student Resource Scheme

TOPICS COVERED

The study of Design provides students with opportunities to engage in creating quality designed solutions for identified needs and opportunities. Students respond to feedback from others and evaluate design processes used and create solutions. They identify the sequences involved in a design tasks, investigating real life professions and the advantage and disadvantages of design ideas. Students develop plans for concepts including safe and responsible use of materials and tools for:

- Desk organiser

ASSESSMENT:

- Folio of Work highlight design concept, procedure and evaluation
- Product
- Workshop interaction

EXCURSIONS: Nil

PATHWAY: General and Applied Technologies subjects in senior

PRE-REQUISITE INFORMATION: All students will study this subject as an elective in Year 7 or 8 as part of the elective offerings.

MATERIALS NECESSARY FOR THIS SUBJECT: Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.

DIGITAL TECHNOLOGIES

COST OF SUBJECT: All costs covered by the Student Resource Scheme

TOPICS COVERED

Digital Technologies aims to develop an understanding of design, systems and computational thinking skills across a variety of contexts and programming languages. Students analyse the properties of networked systems and their suitability and use for the transmission of data types. They acquire, analyse, validate and evaluate various types of data. Students broaden their programming experiences to include general-purpose programming languages and incorporate subprograms into their solution. They predict and evaluate their developed and existing designs of:

- 3D gaming
- The 3 Es (Email, Excel, Explorer)

ASSESSMENT:

- Folio of digital work highlighting design concept, research and evaluation
- Digital product
- Computer room interaction

EXCURSIONS: Nil

PATHWAY: General and Applied Technologies in senior

PRE-REQUISITE INFORMATION: All students will study this subject as an elective in Year 7 or 8 as part of the elective offerings.

MATERIALS NECESSARY FOR THIS SUBJECT: Portable USB storage device (8G)
Exercise book, red and blue pens, coloured pencils, ruler, eraser, pencils, glue stick, display folder, highlighters and scissors.