

Mark Oliphant College



Government
of South Australia
Department for Education

Curriculum Handbook

WELCOME

TO STUDENTS AND FAMILIES,

Welcome to our Curriculum Guide. We invite you to browse the offerings available at the different year levels knowing that at Mark Oliphant College, we are committed to providing a world-class education which supports and challenges each student. This enables students to have the widest choice of post-school options and the skills and dispositions to be successful in the world beyond school.

In Term 3, staff will work with students and families to help them make the best possible subject choices for 2020 and understand the opportunities and pathways available. Subject counselling staff will provide information about SACE, TAFE and Vocational Education and Training [VET] courses. It is important that students make informed subject choices to keep as many pathways open while completing their studies.

To gain maximum benefit from the subject selection process, students and parents are advised to read the handbook carefully and discuss the options thoroughly before making their decisions. Please seek the advice of your child's teachers and/or Area of Study Coordinators if you would like further clarification.

Kym Grant
Principal



GENERAL INFORMATION

PURPOSE OF THE CURRICULUM GUIDE

This guide provides current students, prospective students and their families, with information regarding the broad range of programs offered at Mark Oliphant College and the specific course descriptions of subjects within these programs. It is designed to help students make decisions about a suitable course of study from Year 7-12.

COUNSELLING PROCEDURES

We encourage families to make an appointment with appropriate subject counselling staff as it is important that students and parents, together with teachers, are involved in the selection of courses for each student. Prior to this appointment, please familiarise yourself with the contents of this Curriculum Guide and take the time to discuss with your child the subjects on offer, listed on the preselection form. Ensure that you bring this completed preselection form to your subject counselling appointment.

Students should select courses that suit their abilities, their interests and their post-school aspirations. It is crucial that options are kept open for as long as possible before students make selections according to their individual and career needs.

SUBJECT AVAILABILITY

Although every effort is made to accommodate student subject choices, please note that final subject offerings are dependent on the number of students enrolled and staff availability. If your child selects a subject that will not be available, they will be re-counseled accordingly. Additionally, some re-counselling in Term 4 may occur based on a review of student achievement.

PATHWAY PLANNING

Research shows that students who select a pathway that is relevant to them are much more likely to engage positively with learning in senior school. Decisions about pathways for students start with conversations about the student's interests, passions, strengths and values. Students have access to career information through the Personal Learning Plan (PLP) process, a compulsory component of the SACE completed in Year 10.

The purpose of the PLP is to encourage students to develop the skills and understandings required to succeed in senior school and beyond. Students are required to explore the connection between their interests, abilities, learning styles and employment pathways. They set goals, research how to get there and design a plan that supports achieving their goals. Year 10, 11 and 12 students are also able to complete Work Experience by negotiation with appropriate leadership staff.

The Pathway Options are:

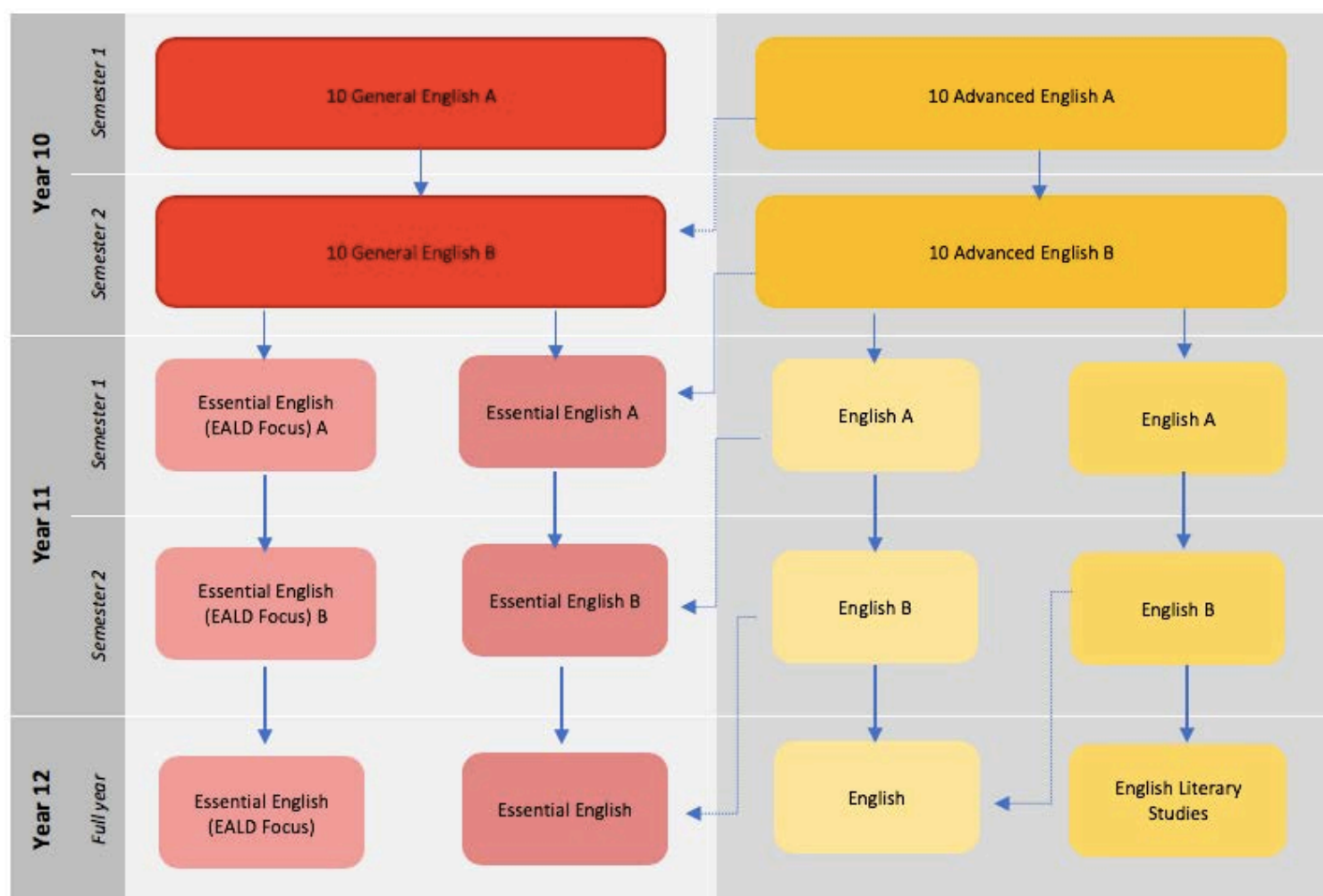
- Entry to a university degree
- Entry to TAFE and other training providers
- Entry to Apprenticeships or Traineeships
- Entry into the Defence Force or the Police Force
- Entry into employment.

It is important that you keep these pathways in mind when considering subject selections to ensure you meet any potential pre-requisites that may apply.

SACE

COMPULSORY PATHWAYS:

ENGLISH:



MATHEMATICS:

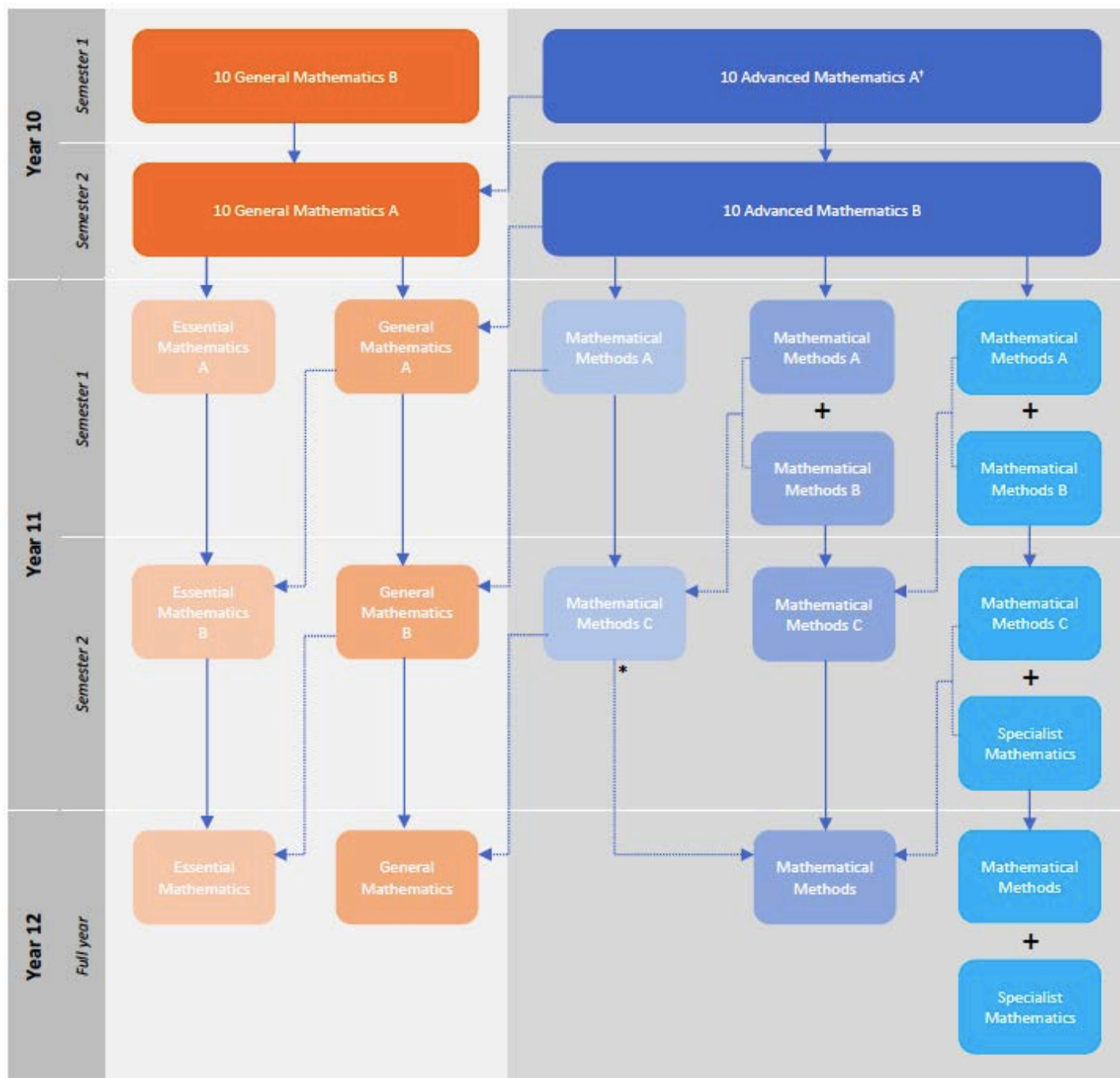


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YEAR 7



[ARTS]

7 MUSIC

COMPULSORY

1 TERM

CONTENT:

In Year 7 Music, students will learn basic musicianship skills including notation and aural work that requires them to listen and respond to musical elements. Students will create and perform their own composition using basic rhythmic and melodic patterns. They investigate instrument families and structure of the orchestra. Students have the opportunity to develop practical skills on either drums, guitar or piano and will perform as both individuals and small ensembles.

THEORY TOPICS:

- Note Names & Values
- Elements of Music
- Instrument Families
- The Orchestra
- Composing

PRACTICAL TOPICS:

- Drums
- Guitar
- Piano
- Composing

ASSESSMENT:

- Elements of Music Tasks
- Composition
- Aural Quizzes
- Instrumental Performances
- Music in Context Task

7 PERFORMING ARTS

COMPULSORY

1 TERM

CONTENT:

In Year 7 Performing Arts, students will work collaboratively and independently to explore the basic elements of Drama and Dance through both practical and theoretical tasks. Students will perform scripted and devised works with the opportunity to critique the work of themselves and others. Students are introduced to the concept of arts specific terminology and apply this in reflective writing tasks. Students are expected to perform in an on-stage role as part of this subject.

THEORY TOPICS:

- Arts Specific Terminology
- Reflective Journal Writing

PRACTICAL TOPICS:

- Tableaux
- Scripted Performance
- Devised Performance
- Dance

ASSESSMENT:

- Reflection Journal
- Ensemble Performances
- Arts Specific Terminology Test
- Tableaux Storyboard & Performance

7 VISUAL ART

COMPULSORY

1 TERM

CONTENT:

Year 7 Art teaches the basics of art, giving students the opportunity to learn, explore and practise a variety of artistic techniques. Students focus on the Elements of Art and develop skills in vocabulary, creativity and concepts of design. Lessons include painting, drawing, mixed media and sculpture. Composition, technique and attention-to-detail are explored. Art history, art appreciation and art criticism are integrated into the lessons as a framework of the curriculum.

THEORY TOPICS:

- Art Specific Terminology
- Elements of Art
- Art History & Appreciation

PRACTICAL TOPICS:

- Oil Pastel, Pencil & Watercolour Painting Techniques
- 2D & 3D Mixed Media Projects

ASSESSMENT:

- Reflection Journals
- Practical Assignments
- Visual Art Specific Terminology Test

[ENGLISH]

7 ENGLISH A

COMPULSORY

1 SEMESTER

CONTENT:

Students use their personal knowledge to express a point of view when writing an expository piece, film review, narrative and biography. They demonstrate the ability to select persuasive language features to express differing viewpoints. Students contribute to class discussions with the guidance of a booklet. They also develop their understanding of grammar, use of specialised vocabulary and accurate spelling and punctuation.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

CREATING TEXTS:

- Biography
- Narrative Writing

RESPONDING TO TEXTS:

- Exposition
- Film Review

7 ENGLISH B

COMPULSORY

1 SEMESTER

CONTENT:

Students select and explore specific details and develop responses whilst recognising different viewpoints. They present their learning in various ways whilst actively contributing to class and group discussion. Students develop knowledge around language features and how to engage the audience. Students also develop their understanding of grammar, use of specialised vocabulary and accurate spelling and punctuation.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

CREATING TEXTS:

- Oral Presentation
- Letter Writing

RESPONDING TO TEXTS:

- Book Review
- The Dreaming/Folk Stories

[HEALTH & PHYSICAL EDUCATION]

7 HEALTH & PHYSICAL EDUCATION

**COMPULSORY
FULL YEAR**

CONTENT:

Students investigate strategies and practices that enhance their own, others' and community health, safety and wellbeing. Students will learn about personal hygiene, benefits of physical activity, fundamental movement skills and food labels. Students explore the role that games and sports, outdoor recreation, lifelong physical activities play in shaping personal health. In practical lessons, students develop skill and learn specialised movement skills in athletics, hitting/fielding games and invasion games.

THEORY TOPICS:

- Personal hygiene
- Benefits of physical activity
- Food labels
- Fundamental movement skills
- SHine curriculum
- Connecting with outdoors

PRACTICAL TOPICS:

- Athletics
- Basketball
- Softball
- Soccer
- Netball
- Netball
- Gaelic football
- Volleyball
- Hockey

ASSESSMENT:

- Personal Hygiene Video
- Food Diary
- Game Creation
- Practical skill and participation
- Participation in the Shine curriculum
- Outdoors Assignment

[HUMANITIES]

7 HASS A

COMPULSORY

1 SEMESTER

CONTENT:

Students undergo studies into ancient societies, including archaeological discoveries from this period. They will learn how to evaluate a range of sources and interpret information to explain the role of groups and individuals in society. Students also undertake studies in Civics and Citizenship where they learn about the Federation and the Separation of Powers in Australian Parliament. Students will develop skills in research and critical thinking.

TOPICS:

- Archaeology
- Ancient Egypt
- Ancient China

ASSESSMENT:

- Timeline
- Source Analysis
- Empathy Task
- Research Task
- Report

7 HASS B

COMPULSORY

1 SEMESTER

CONTENT:

Students learn about the importance of water in the world and investigate factors that influence where people choose to live. They learn skills in mapping and how to collect data. Students also undertake studies in Business and Economics where they investigate the nature of work and how consumers and producers interact. Students will develop skills in skills in research, critical thinking, geographical data collection and representation.

TOPICS:

- Water in the World
- Place and Liveability

ASSESSMENT:

- Mapping Skills
- Field Study
- Research Task
- Report
- Comparison

[LANGUAGES]

7 INDONESIAN A

COMPULSORY

1 SEMESTER

CONTENT:

Students will be introduced to the Indonesian language and learn about the country's diversity of peoples, religions and geography. Students will use Indonesian in a range of classroom interactions and experiences. They will read and listen to texts, and apply Indonesian language skills in creating their own texts, such as scripts, messages and stories. They will engage with texts such as advertisements, greeting cards, songs and stories.

TOPICS:

- The Indonesian language.
- Interacting with others.
- Creating texts
- Indonesian Culture

ASSESSMENT:

- Oral Skills
- Writing Skills
- Reading Skills

[MATHEMATICS]

7 MATHEMATICS A

COMPULSORY 1 SEMESTER

CONTENT:

In Year 7 Mathematics, students will explore the essential parts of the mathematics content across the three content strands: number and algebra, measurement and geometry, and statistics and probability. Students will be taught the skills to reinforce the significance of working mathematically within the content and describe how the content is explored or developed.

THEORY TOPICS:

- Integers
- Transformations
- Measurement
- Fractions

ASSESSMENT:

- Tests
- Investigations
- Class Bookwork

7 MATHEMATICS B

COMPULSORY 1 SEMESTER

CONTENT:

In Year 7 Mathematics, students will explore the essential parts of the mathematics content across the three content strands: number and algebra, measurement and geometry, and statistics and probability. Students will be taught the skills to reinforce the significance of working mathematically within the content and describe how the content is explored or developed.

THEORY TOPICS:

- Decimals & Percentages
- Angles & Shapes
- Algebra
- Linear Equations

ASSESSMENT:

- Tests
- Investigations
- Class Bookwork

[SCIENCE]

7 SCIENCE A

COMPULSORY 1 SEMESTER

CONTENT:

Students investigate forces and explore how gravity affects objects on Earth. They study the physical and chemical properties of substances and the differences between solids, liquids and gases. Students recognise that mixtures contain a combination of substances that can be separated using a range of techniques. They categorise the Earth's resources as renewable or non-renewable, including water that cycles through the environment.

THEORY TOPICS:

- Forces
- Properties of substances
- Mixtures
- Earth Resources

PRACTICAL TOPICS:

- Testing Forces
- Soluble and Insoluble substances
- Distillation
- Renewing Air

ASSESSMENT:

- Practical Reports
- Friction Ice Skating Project
- Methods of Separation
- Clean Energy vs Polluting Energy

7 SCIENCE B

COMPULSORY 1 SEMESTER

CONTENT:

Students study differences in structure and function within and between different organisms and use classification systems to organise this diversity using dichotomous keys. Students examine interactions between different organisms through study and construction of food chains and food webs and look at the impact of humans on these interactions. They investigate habitats and the adaptations organisms use to survive and thrive in these habitats.

THEORY TOPICS:

- Machines
- Earth and space
- Classification
- Habitat and interactions

PRACTICAL TOPICS:

- Design and build a catapult
- Day and Night
- Building planets
- Classifications

ASSESSMENT:

- Practical Reports
- Design and build catapult
- Test

[TECHNOLOGIES]

7 DESIGN & TECHNOLOGY

COMPULSORY

1 TERM

CONTENT:

In Year 7 Design & Technology, Students will investigate range of technologies, materials, components and tools. They will consider properties of materials to produce products. Students will respond to their work through evaluations on advantages and disadvantages on design concepts. Students are introduced to CAD using graphical representation to communicate ideas through modelling and orthogonal drawings. Students identify sequences and steps involved in design task to complete design products.

THEORY TOPICS:

- Materials Investigation
- CAD Evaluation

PRACTICAL TOPICS:

- Chopping Board
- 3D printed keyring

ASSESSMENT:

- Investigation
- Reflective Evaluation
- Product, woodwork
- Product CAD/3D printing

7 HOME ECONOMICS

COMPULSORY

1 TERM

CONTENT:

In Year 7 Home Economics, students will acquire knowledge of food production, ethics and sustainable techniques for growing food. They will develop skills in research, design and literacy by communicating their ideas in writing, and critically evaluating their work. Students will be introduced to key terminology linked with food, cooking and kitchen technology, as well as develop skills in reading and understanding recipes, measuring, cooking techniques, organization and teamwork during practical lessons.

THEORY TOPICS:

- Kitchen Safety
- Farm to Fork: Sustainability & Ethics
- Cooking Methods & Terminology
- Equipment Specific Terminology & Uses

PRACTICAL TOPICS:

- Reading & Understanding Recipes
- Measuring Concepts & skills
- Knife Skills
- Organisation & Teamwork Skills

ASSESSMENT:

- Cooking Practicals
- Written Cooking Evaluations
- Food Design Tasks

YEAR 8



[ARTS]

8 MUSIC

COMPULSORY

1 TERM

CONTENT:

In Year 8 Music, students continue to develop their musicianship skills through theory, aural and practical music tasks. Students create and perform their own compositions using a melodic and rhythmic techniques and devices. Students continue to develop their practical abilities on one or more instruments through ensemble and solo performance opportunities. Students investigate music in context, specific genres of music and music history.

THEORY TOPICS:

- Note Names & Values
- Elements of Music
- Composing

PRACTICAL TOPICS:

- Ensemble Performance
- Solo Performance
- Composing

ASSESSMENT:

- Elements of Music Tasks
- Composition
- Aural Quizzes
- Instrumental Performances
- Music in Context Task

8 PERFORMING ARTS

COMPULSORY

1 TERM

CONTENT:

In Year 8 Performing Arts, students will work collaboratively and independently to explore the basic elements of Drama and Dance through both practical and theoretical tasks. Students will perform scripted and devised works with the

opportunity to critique the work of themselves and others. Students are introduced to the concept of arts specific terminology and apply this in reflective writing tasks. Students are expected to perform in an on-stage role as part of this subject.

THEORY TOPICS:

- Arts Specific Terminology
- Reflective Journal Writing
- Elements of Drama/Dance

PRACTICAL TOPICS:

- Scripted Performance
- Devised Performance
- Dance

ASSESSMENT:

- Reflection Journal
- Arts Specific Terminology Test
- Ensemble Performances

8 VISUAL ART

COMPULSORY

1 TERM

CONTENT:

In Year 8 Art, students study the Principles of Design and build on the basics learned in Year 7 Art. Students continue to develop art skills and concepts and learn, explore, practise and express themselves creatively through drawing, painting and 3D art including sculpture. Students develop their artistic skills through studies in composition and technique and attention-to-detail are explored. Art history, art appreciation, problem solving and critical thinking are integrated into lessons.

THEORY TOPICS:

- Art Specific Terminology
- Principles of Design
- Art History & Appreciation

PRACTICAL TOPICS:

- Graphite, Charcoal & Acrylic Painting Techniques
- 2D & 3D Mixed Media Projects
- One-Point Perspective

ASSESSMENT:

- Reflection Journals
- Practical Assignments
- Visual Art Specific Terminology Test

[ENGLISH]

8 ENGLISH A

COMPULSORY

1 SEMESTER

CONTENT:

Students understand how to use a variety of language features to create different levels of meaning. They understand how interpretations can vary through author's purpose by reading texts and responding through an essay. Students further create texts that respond to issues, interpreting and integrating ideas from other texts. They edit for effect, selecting vocabulary and grammar that contribute to the precision and persuasiveness of texts.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

CREATING TEXTS:

- Biographies
- Advertising

RESPONDING TO TEXTS:

- Exposition
- Comparison

8 ENGLISH B

COMPULSORY

1 SEMESTER

CONTENT:

Students understand how the structure of texts influences language selection and use this knowledge to produce book and film reviews and texts for particular audiences. Core skills, such as punctuation, vocabulary, comprehension and grammar, are further developed and practised. Students are exposed to a variety of texts and develop audience skills.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

CREATING TEXTS:

- Narrative/Letter Writing
- Poetry

RESPONDING TO TEXTS:

- Essay/ Response to Literature
- Review

[HEALTH & PHYSICAL EDUCATION]

8 HEALTH & PHYSICAL EDUCATION

**COMPULSORY
FULL YEAR**

CONTENT:

Students investigate fitness components and apply them to a variety of sporting examples. They will also explore group roles and reflect upon their own group functioning through puzzle and game-based activities. Students will collaborate to explore Indigenous games and their significance in enhancing health & wellbeing. Students will analyse factors that influence emotional responses, discuss risk taking behavior and explore the specific risks they face as young adults, particularly in regards alcohol consumption. In practical lessons, student develop knowledge of fair play, inclusivity and capabilities to perform specialised movement sequences in the context of both athletics and field invasion games.

THEORY TOPICS:

- Fitness components
- Group Dynamics
- Risk Taking Behaviours
- Mental Health
- SHINE

PRACTICAL TOPICS:

- Athletics
- Cultural games
- Soccer
- European Handball
- Hockey
- Volleyball

ASSESSMENT

- Cultural Games Peer Presentation
- Fitness Components Table
- Alcohol Test
- Mental Health Chart
- Fitness Tests

[HUMANITIES]

8 HASS A

COMPULSORY

1 SEMESTER

CONTENT:

Students investigate aspects of medieval history (500-1500CE). They undergo three depth studies, where they develop historical knowledge and understanding of the nature of change in medieval societies. Students also undertake studies in Civics and Citizenship where they with study the responsibilities and freedoms of Australian Citizens. In HASS, Students will develop skills in research, critical thinking and source analysis.

TOPICS:

- Medieval Europe
- The Black Death
- Japanese Shoguns
- Civics and Citizenship

ASSESSMENT:

- Timeline
- Source Analysis
- Empathy Task
- Research Task
- Essay

8 HASS B

COMPULSORY

1 SEMESTER

CONTENT:

In Year 7 HASS, Students learn about landscapes and landforms and investigate how populations move and change. They learn skills in mapping and how to collect data. Students also undertake studies in Business and Economics where they investigate consumer rights and business marketing. Students will develop skills in skills in research, critical thinking, geographical data collection and representation.

TOPICS:

- Landforms and Landscapes
- Changing Nations

ASSESSMENT:

- Mapping Skills
- Field Study
- Research Task
- Report
- Comparison

[MATHEMATICS]

8 MATHEMATICS A

COMPULSORY

1 SEMESTER

CONTENT:

Year 8 Mathematics A forms the foundation to enable students to identify, describe and investigate the patterns and challenges of life. The subject incorporates developing technology skills, including the use of scientific calculators and Chromebooks to consolidate mathematical concepts. The curriculum will provide students with the opportunity to develop a range of skills including; problem solving, critical thinking, collaboration and team work while developing their understanding and knowledge.

TOPICS:

- Number Skills
- Measurement
- Geometry

ASSESSMENT:

- Topic Tests
- Mathematical Investigations
- Class Bookwork

8 MATHEMATICS B

COMPULSORY

1 SEMESTER

CONTENT:

Year 8 Mathematics B forms the foundation to enable students to identify, describe and investigate the patterns and challenges of life. The subject incorporates developing technology skills, including the use of scientific calculators and Chromebooks to consolidate mathematical concepts. The curriculum will provide students with the opportunity to develop a range of skills including; problem solving, critical thinking, collaboration and team work while developing their understanding and knowledge.

TOPICS:

- Algebra
- Statistics
- Probability

ASSESSMENT:

- Topic Tests
- Mathematical Investigations
- Class Bookwork

[SCIENCE]

8 SCIENCE A

COMPULSORY

1 SEMESTER

CONTENT:

In Year 8 Science, students will work collaboratively and independently to explore the basic units of life. They engage in practical investigations using light microscopes to investigate a variety of cell types. Students will determine an animal cell from a plant cell by identifying their key features and their structure and function. Students will be differentiating between solids, liquids and gases and describing them in terms of the motion and arrangements of particles. Students will be experimenting with elements, compounds and mixtures and describing what they look like at a particle level while exploring chemical and physical changes.

THEORY TOPICS:

- Lab safety
- Solids, liquids, gases
- Elements, compounds, mixtures
- Animal and plant cells
- Chemical and physical change

PRACTICAL TOPICS:

- Lab safety
- Observing chemical reactions
- Microscopes
- Cell differentiation

ASSESSMENT:

- Scientific particle reports
- Scientific investigation
- Test
- Lab conduct

8 SCIENCE B

COMPULSORY

1 Semester

CONTENT:

Students will explore the earth's continents, and the composition of their associated rocks. They will identify the difference between sedimentary, igneous and metamorphic rocks. Students will also investigate what minerals are found in each layer of Earth, the process of their formation and the timescales involved. Students will design experiments that investigate kinetic, heat or potential energy and conduct a report on the mechanisms of energy transfer. Students will also show how these changes in energy can be linked to aspects of Science as a Human Endeavour, and their influence on society

THEORY TOPICS:

- Kinetic, potential and heat energy
- Sedimentry, igneous and metamorphic rock
- Rock cycle

PRACTICAL TOPICS:

- Properties and identification of rock types
- Processes of rock formation
- Kinetic, potential and heat energy
- Energy transfers

ASSESSMENT:

- Scientific particle reports
- Scientific investigation
- Test
- Lab Conduct

[TECHNOLOGIES]

8 DESIGN & TECHNOLOGY

COMPULSORY

1 TERM

CONTENT:

In Year 8 Design & Technology, Students will investigate range of technologies, materials, components and tools. They will consider properties of materials to produce products. Students will respond to their work through evaluations on advantages and disadvantages on design concepts. Students are introduced to CAD using graphical representation to communicate ideas through modelling and orthogonal drawings. Students identify sequences and steps involved in design task to complete design products.

THEORY TOPICS:

- Materials Investigation
- Joinery Investigation
- Orthographical Drawings
- Aerodynamics Principles

PRACTICAL TOPICS:

- Wooden Toy Car
- 3D Printed Glider

ASSESSMENT:

- Investigation
- CAD Principles
- Ensemble Performances
- Research task
- Product wood
- Product CAD/3D Printing

8 HOME ECONOMICS

COMPULSORY

1 TERM

CONTENT:

In Year 8 Home Economics, students will work independently and collaboratively to acquire and implement both food safe knowledge and key practices, in order to solve a food poisoning case study and to safely prepare meals containing high-risk ingredients in the kitchen. Students will also learn about nutrition and the concept of a balanced diet by exploring the Australian Guide to Healthy Eating, in order to design a healthy lunch box snack.

THEORY TOPICS:

- Safety in the Domestic Kitchen
- Food Safety
- Australian Dietary Guidelines
- Cooking Methods & Terminology
- Equipment Specific Terminology & Uses

PRACTICAL TOPICS:

- Reading & Understanding Recipes
- Measuring Concepts & skills
- Knife Skills
- Organisation & Teamwork Skills

ASSESSMENT:

- Cooking Practicals
- Written cooking Evaluations
- Food Poisoning Case Study
- Food Design Tasks

8 COMPUTER SCIENCE

COMPULSORY

1 TERM

CONTENT:

Learning in Computer Science focuses on developing understanding and skills in computational thinking such as decomposing problems and prototyping; and engaging students with a wider range of information systems as they broaden their experiences and involvement in national, regional and global activities. Students will create a range of programmable multimedia assets.

THEORY TOPICS:

- Hardware and Software
- Networks
- Security

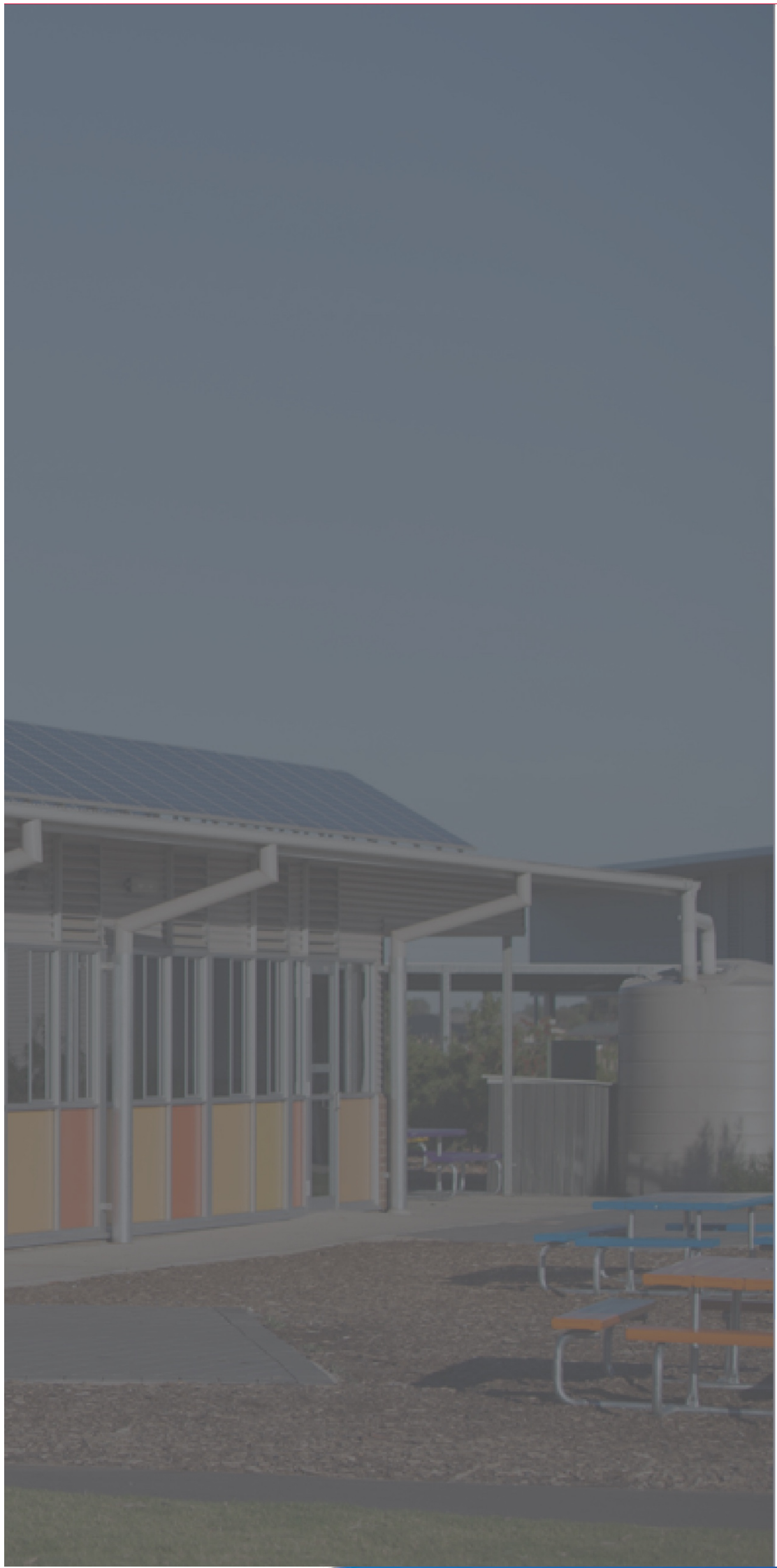
PRACTICAL TOPICS:

- Follow algorithms
- 3D Asset Modeling
- Micro:bits

ASSESSMENT:

- Coding Project
- Ensemble Performances
- Investigation, impact of digital waste in the environment

YEAR 9



[ARTS]

9 MUSIC A & B

ELECTIVE

1 SEMESTER OR FULL YEAR

CONTENT:

In Year 9 Music, students develop their practical skills on their chosen instrument/s as they work collaboratively within their ensemble group to perform chosen songs. Students also work independently to refine their instrumental skills and apply these skills in their ensemble performances. Students discuss periods from music history and explore various music styles and conventions. Students study the elements of music and apply their knowledge to create original arrangements or compositions.

THEORY TOPICS:

- Elements of Music
- Music History

PRACTICAL TOPICS:

- Instrumental Skills
- Ensemble Participation
- Arrangement/Composition

ASSESSMENT:

- Ensemble Performances
- Musical Styles Timeline
- Musical Arrangement or Original Composition
- Elements of Music Test

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 8 Music with a grade of C or better to undertake this subject. If intending to study Music for a whole year; students must pick MUSIC A and B. If intending to only study Music for a semester; students must pick MUSIC A.

9 PERFORMING ARTS

ELECTIVE

1 SEMESTER

CONTENT:

In Year 9 Performing Arts, students continue to develop their practical Dance and Drama skills. Students will develop their ability to write academically using arts-specific terminology and style, moving from reflective writing towards review writing. Students look at the interdependent nature of theatrical roles while working through the page-to-stage process. Students are expected to perform in an on-stage role as part of this subject.

THEORY TOPICS:

- Review Writing
- Dramatic Roles
- Genres of Theatre

PRACTICAL TOPICS:

- Genre/Stylistic Workshops
- Scripted Performance
- Devised Performance

ASSESSMENT:

- Written Review
- Ensemble Performances
- Individual Performances
- Dramatic Roles Presentation

9 VISUAL ARTS

ELECTIVE

1 SEMESTER

CONTENT:

In Year 9 Visual Arts, students will work collaboratively and independently to explore techniques and evaluate the work of a variety of artists. Students will demonstrate an understanding of Colour Theory and Two-Point Perspective drawings through the manipulation of materials, techniques & processes needed to complete a practical piece. Students will also have the opportunity to research, analyse and apply different design techniques and products.

THEORY TOPICS:

- Visual Arts Specific Terminology
- Artist Studies

PRACTICAL TOPICS:

- Painting skills
- Drawing skills
- Design skills

ASSESSMENT:

- Colour theory Painting Technique
- Artist Analysis (written)
- Artists Painting Technique
- Perspective Drawing
- Design Project

[ENGLISH]

9 ENGLISH A

COMPULSORY

1 SEMESTER

CONTENT:

Students understand how to use a variety of language features to create different levels of meaning. They understand how interpretations can vary through author's purpose by reading texts responding through an essay. Students further create texts that respond to issues, interpreting and integrating ideas from other texts. They edit for effect, selecting vocabulary and grammar that contribute to the precision and persuasiveness of texts.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

CREATING TEXTS:

- Narrative
- Persuasive Text

RESPONDING TO TEXTS:

- Novel Based Essay
- Text Analysis

9 ENGLISH B

COMPULSORY

1 SEMESTER

CONTENT:

Students understand how to use a variety of language features to create different levels of meaning. They understand how interpretations can vary through author's purpose by reading and/or viewing texts and respond to it. Students further create texts that respond to issues, interpreting and integrating ideas from other texts. They edit for effect, selecting vocabulary and grammar that contribute to the precision of texts.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

CREATING TEXTS:

- Poetry
- Oral Presentation

RESPONDING TO TEXTS:

- Comparison
- Documentary Analysis

[HEALTH & PHYSICAL EDUCATION]

9 HEALTH & PHYSICAL EDUCATION

**COMPULSORY
FULL YEAR**

CONTENT:

Students will participate in a range of sporting activities, as well as study a number of theory topics. During practical sessions, students will engage in a range of Invasion games, Court-Divided games and Net and Wall games. During theory sessions, there will be an emphasis on student driven assessment with a focus on Sport Education through SEPEP and relationships and sexual health through SHINE.

THEORY TOPICS:

- SEPEP continued
- SHINE

PRACTICAL TOPICS:

- Volleyball
- Lacrosse
- Soccer
- Basketball
- Tennis

ASSESSMENT:

- Practical Skills Development
- SEPEP Lesson
- SHINE assessments

9 SPECIALIST HEALTH & PHYSICAL EDUCATION

**ELECTIVE
1 SEMESTER**

CONTENT:

Students develop an understanding of anatomy and physiology by researching the skeletal system, muscular system and energy systems of the human body. Students investigate motor learning through skill acquisition research. Knowledge is applied in a sport context by analysing sporting scenarios, evaluating and adapting training programs to enhance health, fitness and improve skill execution. Students develop specialised motor skills through thematic teaching of game types; striking and fielding games, target games, net-wall games and invasion games. Tactical understanding is developed and applied in game contexts.

THEORY TOPICS:

- SEPEP continued
- SHINE

PRACTICAL TOPICS:

- Volleyball
- Lacrosse
- Soccer
- Basketball
- Tennis

ASSESSMENT:

- Practical Skills Development
- SEPEP Lesson
- SHINE assessments

NOTE: Students may only choose one semester of Specialist Health & Physical Education in Year 9.

[HUMANITIES]

9 HISTORY A

COMPULSORY

1 SEMESTER

CONTENT:

Students study the history of the making of the modern world from 1750 to 1918 with a focus on Australian history. Students develop historical understanding through key concepts including continuity and change, empathy and cause and effect. Students also evaluate the reliability and usefulness of primary and secondary sources, as well as investigate the significance of historical events from a range of different perspectives.

TOPICS:

- Movement of People
- Making a Nation
- World War One

ASSESSMENT:

- Source Analysis
- Historical Empathy
- Research Task
- Essay

9 GEOGRAPHY B

COMPULSORY HASS ELECTIVE

1 SEMESTER

CONTENT:

Students study environmental geography by learning about biomes and food security. They will then spend time learning about the geographies of human interconnections with a focus on tourism, trade and technology. Students develop geographical skills through data collection and analysis. They develop mapping and field study skills and learn how to evaluate and represent data in different ways.

TOPICS:

- Biomes and the Ecosystem
- Farming and Food Security
- Ways People are Connected
- Tourism/Trade

ASSESSMENT:

- Mapping Skills
- Field Study
- Investigation
- Issues Report
- Comparison

9 LAW, JUSTICE AND THE WORLD OF BUSINESS B

COMPULSORY HASS ELECTIVE

1 SEMESTER

CONTENT:

Students will undergo topics into Australia's government, with a particular focus on elections and party policies. Students will begin to learn about different laws with a focus on criminal law. Students will also spend time learning about how Australia is connected with other countries through trade. They will learn how to create their own business ideas and manage costs and changes within the market.

TOPICS:

Civics and Citizenship

- Government and Laws
- Elections

Economics and Business

- Australia's trade partners
- Connectivity through Trade
- Creating and managing a fictitious business

ASSESSMENT:

- Political Party Portfolio
- Election Campaign
- Research Task
- Investigation

[MATHEMATICS]

9 MATHEMATICS A

COMPULSORY

1 SEMESTER

CONTENT:

In Year 9 Mathematics, students solve problems involving simple interest. They apply the index laws to numbers and express numbers in scientific notation. Students expand binomial expressions and calculate areas of shapes and the volume and surface area of right prisms and cylinders. They compare techniques for collecting data from primary and secondary sources. Making sense of the position of the mean and median in skewed, symmetric and bi-modal displays to describe and interpret data. Students calculate relative frequencies to estimate probabilities, list outcomes for two-step experiments and assign probabilities for those outcomes. They construct histograms and back-to-back stem-and-leaf plots.

TOPICS:

- Real numbers
- Money and financial mathematics
- Patterns and algebra
- Using units of measurement
- Chance
- Data representation and interpretation

ASSESSMENT:

- Home loans assignment
- Real life (living expenses) assignment
- Index laws test
- Algebra test
- PacMan statistics assignment
- Central Markets probability excursion
- Surface area display card
- Volume test

ASSOCIATED SUBJECT COSTS:

There is a fee of \$10 which will contribute towards excursions over the 2 semesters.

9 MATHEMATICS B

COMPULSORY

1 SEMESTER

CONTENT:

In Year 9 Mathematics, students interpret and scale factors in similar figures. Students explain similarity of triangles. They recognise the connections between similarity and the trigonometric ratios. They find the distance between two points on the Cartesian plane and the gradient and midpoint of a line segment. They sketch linear and non-linear relations. They use Pythagoras' Theorem and trigonometry to find unknown sides of right-angled triangles.

TOPICS:

- Linear and non-linear relationships
- Geometric reasoning
- Pythagoras and trigonometry

ASSESSMENT:

- Scale factor assignment
- Mt Everest assignment
- Trigonometry excursion
- Linear artwork
- Non-linear relationships test

ASSOCIATED SUBJECT COSTS:

There is a fee of \$10 which will contribute towards excursions over the 2 semesters.

[SCIENCE]

9 SCIENCE A

COMPULSORY

1 SEMESTER

CONTENT:

In Year 9 Science, students will study biological systems and how they function and respond to external environmental changes in connection to biotic and abiotic elements of different ecosystems. Students will study chemical processes and natural radioactivity in terms of atoms and energy transfers and describe the importance of chemical reactions. They are introduced to the concept of the atom as a system of protons, electrons and neutrons, and how this system can change through nuclear decay.

THEORY TOPICS:

- Diseases
- Human Immune System
- Body Systems
- Atomic Theory
- Radioactivity
- Chemical Reactions

PRACTICAL TOPICS:

- Laboratory and field research

ASSESSMENT:

- Practical Reports
- Investigation Assignments
- Homework Exercises
- Biology and Chemistry Specific Tests

9 SCIENCE B

COMPULSORY

1 SEMESTER

CONTENT:

In Year 9 Science, students will study that energy transfer through different mediums can be explained using wave and particle models. They are introduced to the concept of the conservation of matter and begin to develop a more sophisticated view of energy transfer. Students will also explain global features and events in terms of geological processes and timescales. They begin to apply their understanding of energy and forces to global systems such as continental movement.

THEORY TOPICS:

- Energy transfer
- Heat, Light and Sound Energy
- Electric circuits
- Plate Tectonics

PRACTICAL TOPICS:

- Laboratory and field research

ASSESSMENTS:

- Practical Reports
- Investigation Assignments
- Homework Exercises
- Physic and Earth Science Specific Tests

[TECHNOLOGIES]

9 DESIGN & TECHNOLOGY

ELECTIVE

1 SEMESTER

CONTENT:

In Year 9 Design & Technology students will build on processes within the workshop. Students will produce products on needs or opportunities that are relevant to individuals and global communities. Students will use graphical representation to generate ideas and production plans. Students then identify steps involved in planning the production of products while considering time, cost, and safety. They will learn to transfer theoretical knowledge to practical activities across projects.

THEORY TOPICS:

- Investigation Aerodynamics/Newtons Laws
- CO2 Evaluation
- Packaging analysis
- Electronic Knowledge & Understanding booklet

PRACTICAL TOPICS:

- CO2 Dragster
- Resin Jewellery
- Jewellery Packaging
- Electronic Steady hand game
- Robotics Navigation Task

ASSESSMENT:

- Investigation
- Evaluation
- Analysis
- Knowledge & Understanding
- Producing

9 HOME ECONOMICS

ELECTIVE

1 SEMESTER

CONTENT:

In Year 9 Home Economics, students work on developing their food safety knowledge. Through creating commercial handouts, using this knowledge students have the opportunity to pick a recipe that includes a high risk food for their practical exam. Students will practice their cookery skills and techniques through weekly practicals. Students investigate sustainability through learning techniques for preserving fresh leftover foods to minimize food wastage at home. Students explore emerging trends through creating their own gourmet burgers.

To conclude the semester course students will host a high tea for staff, students will explore the historical importance of high teas and then design a menu including both savory and sweet finger foods.

THEORY TOPICS:

- High Risk Foods
- Sustainability
- Food Trends
- High Tea

PRACTICAL TOPICS:

- Food Safety practices
- Cookery techniques
- Contemporary plating
- Seasonal produce
- Catering events

ASSESSMENT:

- Folio work (theory lessons)
- Practical exams
- Constructing commercial handout
- Evaluation
- Food order/recipe procedure
- Action plan writing
- Research task

9 COMPUTER SCIENCE

ELECTIVE

1 SEMESTER

CONTENT:

Learning in Computer Science focuses on further developing understanding and skills in computational thinking such as precisely and accurately describing problems and the use of modular approaches to solutions. It also focuses on engaging students with specialised learning in preparation for vocational training or learning in the senior secondary years.

THEORY TOPICS:

- Data Representation
- Data Types
- Cyber Security

PRACTICAL TOPICS:

- Design Algorithms
- HTML coding
- PYTHON / SWIFT

ASSESSMENT:

- Website building
- Drone Flying Project
- Game Design
- Investigation, how to be smart online

RECOMMENDED PRIOR LEARNING

A C grade or better in year 8 Computer Science.

ASSOCIATED SUBJECT COSTS:

There is a fee of \$2 which will contribute towards an excursion/workshop at the Apple store in Rundle Mall.

YEAR 10



[ARTS]

10 DRAMA

ELECTIVE

1 SEMESTER

CONTENT:

The Year 10 Drama course is designed to prepare students for Senior School Drama Studies and therefore includes a significant theoretical component. Students investigate the work of a dramatic practitioner as well as an off-stage role in an area of interest. Students continue to develop their practical ability through collaborative and individual performance tasks with a focus on analysing and evaluating the creative process.

THEORY TOPICS:

- Review writing
- Dramatic Practitioner
- Off-stage Dramatic Roles

PRACTICAL TOPICS:

- Practitioner Specific Styles
- Off-Stage Dramatic Roles Products
- Monologues
- Scripted Drama

ASSESSMENT:

- Written Review
- Ensemble Performances
- Individual Performances
- Dramatic Roles Product/Presentation

10 MUSIC A & B

ELECTIVE

1 SEMESTER OR FULL YEAR

CONTENT:

This Year 10 Music course is designed to prepare students for Senior School Music Studies and it is expected that students can play an instrument. Students will be assessed on their practical skills as either a soloist or as an ensemble member. Students will investigate a specific genre of music and analyse the musical elements within this style. In addition to continuing to develop their aural and notation ability, students will create and perform their own composition.

THEORY TOPICS:

- Aural
- Notation
- Composing/Arranging
- Music Genres/Styles

PRACTICAL TOPICS:

- Ensemble Performance
- Solo Performance
- Composing/Arranging

ASSESSMENT:

- Aural Quizzes
- Instrumental Performances
- Composition/Arrangement
- Genre Study
- Elements of Music Theory

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 9 Music A & B. As a minimum requirement students will have successfully completed Music A at Year 9 with a C grade or higher.

10 PHOTOGRAPHY

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

In Year 10 Photography, students will explore different styles, techniques, perspectives and intentions of photographs across a wide range of artists. Students will develop and refine their photography techniques and processes in capturing photographs, as well as refine their skills in using photography-specific language to analyse artistic intention. Students will also have the opportunity to exhibit their work in a professional setting and reflect on their artwork.

THEORY TOPICS:

- Elements of Photography Composition
- Diane Arbus and the Power of a Portrait
- Tracey Moffatt & Exploring Aboriginal Perspectives
- Displaying Works & Gallery Exhibitions

PRACTICAL TOPICS:

- Photography Techniques & Styles
- Instant Vs. Digital Photography
- Cyanotype Prints
- Photoshop Skills & Design
- Long Exposure & Light Painting

ASSESSMENT:

- Photographs & Prints
- Manipulated Images
- Reflection & Analyses of Artworks
- Investigation of Techniques & Processes

RECOMMENDED PRIOR LEARNING:

No recommended prior learning is necessary to undertake this subject, though an interest in practical learning would be beneficial.

10 VISUAL ARTS

ELECTIVE

1 SEMESTER

CONTENT:

Students create artworks that communicate their artistic intentions using a wide range of various processes and techniques. Students learn about the properties of these various mediums and examine connections between visual communication, practices and viewpoints. Students also complete theoretical components of work through analysing and critiquing a selected artist and their work.

THEORY TOPICS:

- Art Terminology
- Adjective Vocab
- Reflection
- Artist Research
- Analysis of an artist and their work

PRACTICAL TOPICS:

- Colour Blending
- Proportion
- Line work
- 3D versus 2D
- Techniques and Processes

ASSESSMENT:

THEORY:

- Procedural write up for each Practical assessment
- Practitioner's Statement for each practical assessment
- Analysis of chosen Artist and their work

PRACTICAL:

- Printmaking – Lino and Mono
- Sculpture – Wire and Clay
- Still Life – Pastels
- Design- Fashion
- Designing an Exhibition/Gallery Space
- Landscape – Paint or Charcoal
- Final – body of work/single piece, free choice

[ENGLISH]

10 ADVANCED ENGLISH A

COMPULSORY ELECTIVE

1 SEMESTER

CONTENT:

This English subject is designed for students who are passionate and enthusiastic about English, enjoy reading and aim to study the subject through to Year 12. Students will develop their knowledge, understanding and skills in reading and writing. They study literary texts to support and extend them as independent readers. Students explore themes of human experience, relationships, and ethical dilemmas, within a fictional setting.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

CREATING TEXTS:

- Biography
- Speech

RESPONDING TO TEXTS:

- Novel Based Essay
- Text Analysis

10 ADVANCED ENGLISH B

COMPULSORY ELECTIVE

1 SEMESTER

CONTENT:

This English subject is designed for students who are passionate and enthusiastic about English, enjoy reading and aim to study the subject through to Year 12. Students will study literary texts to support and extend them as independent readers. Students examine literature and identify, explain and discuss how narrative viewpoint, structure, characterisation and devices shape different interpretations and responses to a text.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

CREATING TEXTS:

- Advertising
- Writer's Statement

RESPONDING TO TEXTS:

- Comparative Essay
- Text Analysis

10 GENERAL ENGLISH A

COMPULSORY ELECTIVE

1 SEMESTER

CONTENT:

Students focus on developing their knowledge, understanding and skills in reading and writing. They study literary texts to support and extend them as independent readers. Students explore themes of human experience, relationships, and ethical dilemmas, within a fictional setting. They examine literature and identify, explain and discuss how narrative viewpoint, structure, characterisation and devices shape different interpretations and responses to a text.

CREATING TEXTS:

- Biography
- Speech

RESPONDING TO TEXTS:

- Novel Based Essay
- Creative Response

10 GENERAL ENGLISH B

COMPULSORY ELECTIVE

1 SEMESTER

CONTENT:

Students focus on developing their knowledge, understanding and skills in reading and writing. They study literary texts to support and extend them as independent readers. Students explore themes of human experience, relationships, and ethical dilemmas, within a fictional setting. They examine literature and identify, explain and discuss how narrative viewpoint, structure, characterisation and devices shape different interpretations and responses to a text.

CREATING TEXTS:

- Advertising
- Writer's Statement

RESPONDING TO TEXTS:

- Comparative Essay
- Text Analysis (Short Stories)

[HEALTH & PHYSICAL EDUCATION]

10 HEALTH & PHYSICAL EDUCATION

**COMPULSORY
FULL YEAR**

CONTENT:

Students have been focusing on improving and refining their specialized movement skills through the completion of instructional videos. Students have also analysed the impacts of attitudes and beliefs on physical education and health. In practical lessons, students have applied movement strategies in various invasion games and net and wall games including basketball, rugby, European handball, netball and volleyball.

THEORY TOPICS:

- Responding to unsafe situations
- Attitudes to fitness
- Athletics
- SHINE

PRACTICAL TOPICS:

- Invasion games- basketball, soccer, netball, European Handball
- Net and wall games- volleyball

ASSESSMENT:

- Instructional video on choice of track event
- Game making- students design a game of their own choice and teach the class
- SHine curriculum

10 OUTDOOR EDUCATION

ELECTIVE

1 SEMESTER

CONTENT:

Students develop knowledge and skills in outdoor environments. Over the course of the semester, students develop key understandings around leadership, nutrition for outdoor journeys and planning outdoor recreation activities. Students develop strategies to enhance wellbeing of themselves and their community through outdoor and alternative recreation.

THEORY TOPICS:

- Reflective Journal Writing
- Planning Folio- First Aid and Fitness Plan.
- Nutrition study.
- Character Strengths and Leadership
- Outdoor Recreation in the local community.

PRACTICAL TOPICS:

- Outdoor Cooking
- Bushwalking/Navigation
- Kayaking
- Surfing
- Snorkelling

ASSESSMENT:

- Bushwalking/Navigation Practical (20%)
- Aquatics Practical (20%)
- Outdoor Games Development. (10%)
- Folio Tasks (20%)
- Camp Report (30%)

ASSOCIATED SUBJECT COSTS:

There is a fee of \$50 which will contribute towards the camp and various excursions. Each camp and excursion has transport, instructor, equipment hire, in addition to repair costs for school owned equipment including tents and jackets.. The school will cover the majority of this cost and the \$50 contributes a small amount to the ongoing running of this subject. Payment plans are available.

10 SPECIALIST HEALTH & PHYSICAL EDUCATION

ELECTIVE

1 SEMESTER

CONTENT:

Students learn to apply health and physical activity information for maintaining healthy and active habits. Students learn to apply more specific movement skills, strategies and concepts in a variety of environments. Students also refine personal and social skills by demonstrating leadership, teamwork and collaboration in a range of physical activities. Students have also undertaken a theoretical study of a relevant sporting issue.

THEORY TOPICS:

- Skill Acquisition
- Student Agency Task
- Issues Analysis

PRACTICAL TOPICS:

- Volleyball
- Invasion Games
- Striking and Fielding Games

ASSESSMENT:

- Written Report
- Group Presentation
- Reflection

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 9 Specialist Health & Physical Education with a grade of C or better.

HUMANITIES

10 HISTORY A

COMPULSORY

1 SEMESTER

CONTENT:

Students will analyse and explore the causes and effects of events leading to the rise of Hitler, as well as factors that contributed to Australia's involvement in WWII. Students also evaluate the reliability and usefulness of primary and secondary sources, as well as investigate the significance of historical events from a range of perspectives. Students develop historical understanding through empathy as well as continuity and change.

TOPICS:

- World War Two
- Global Rights and Freedoms
- Popular Culture

ASSESSMENT:

- Source Analysis
- Research Report
- Essay
- Reflection Task

10 GEOGRAPHY B

COMPULSORY HASS ELECTIVE

1 SEMESTER

CONTENT:

Students study environmental geography by learning about environmental change, including a field study. Other topics will explore different issues surrounding human wellbeing in Australia and around the world. Students develop geographical skills through data collection and analysis. They develop mapping and field study skills and learn how to evaluate and represent data in different ways.

TOPICS:

- Environmental Change and Management
- Depth Study: Coasts, Rivers or Urban
- Human Wellbeing
- Case Study: Issue in Wellbeing

ASSESSMENT:

- Mapping Skills
- Field Study
- Investigation
- Issues Report
- Comparison

10 LAW, JUSTICE AND THE WORLD OF BUSINESS B

COMPULSORY HASS ELECTIVE 1 SEMESTER

CONTENT:

Students will undergo topics into Australia's government, with a particular focus on elections and party policies. Students will begin to learn about different laws with a focus on criminal law. Students will also spend time learning about how Australia is connected with other countries through trade. They will learn how to create their own business ideas and manage costs and changes within the market.

TOPICS:

Civics and Citizenship

- Australia's Legal System
- Australia's Global Responsibilities
- Mock Trial

Economics and Business

- Australia's Economy
- Designing and Running a Business

ASSESSMENT:

- Comparison of Legal Systems
- Extended responses
- Trial Submissions
- Business Plan
- Investigation

[MATHEMATICS]

10 ADVANCED MATHEMATICS

A

ELECTIVE

1 SEMESTER

CONTENT:

Students will extend their algebraic skills and develop confidence in choosing and using mathematics through problem solving and higher order thinking with an emphasis on algebra and determining relationships or patterns from a given set of data. This course is designed for mathematically minded students and incorporates the use of computer technology to consolidate mathematical concepts and provide opportunities for students to analyse and interpret real life models. Students need to complete regular homework to successfully complete all aspects of this course.

TOPICS:

- Patterns and Algebra
- Linear and Non-Linear relationships
- Real Numbers (Surds and Logarithms)
- Quadratic Functions.

ASSESSMENT:

- Topic Tests
- Mathematical Investigations
- End of semester examination

PRE-REQUISITES:

It is recommended that students have completed Year 9 Mathematics with a B grade or better to undertake this subject.

10 ADVANCED MATHEMATICS

B

ELECTIVE

1 SEMESTER

CONTENT:

Students will extend algebraic skills and develop confidence in choosing and using mathematics, with an emphasis on Geometry, Measurement and Statistics. This course is designed for mathematically minded students and incorporates the use of computer technology to consolidate mathematical concepts and provide opportunities for students to analyse and interpret real life models. Students need to complete regular homework to successfully complete all aspects of this course.

TOPICS:

- Geometric Reasoning
- Pythagoras and Trigonometry
- Chance
- Data Representation and Interpretation.

ASSESSMENT:

- Topic Tests
- Mathematical Investigations
- End of semester examination

PRE-REQUISITES:

Successful completion of 10 Advanced Mathematics A with a C grade or better.

10 GENERAL MATHEMATICS A

COMPULSORY

1 SEMESTER

CONTENT:

In year 10 Mathematics, students study Patterns and Algebra with emphasis on expanding, factorising and simplifying binomial products. Additionally, they learn to substitute values into formulas to determine unknown values. Students solve problems using linear equations. Furthermore, students study Financial Mathematics with a focus on applying and using formulae to calculate simple and compound interest. They study Measurement and Geometry with attention on solving surface area and volume problems relating to 3-D composite solids.

THEORY TOPICS:

- Money and Financial Mathematics
- Patterns and Algebra
- Linear Relationships
- Using Units of Measurement

ASSESSMENT:

- Financial Maths Test
- Factorisation Test
- Expansion Test
- Linear Relationship Test
- Area and Geometry Project
- End of Semester Examination

10 GENERAL MATHEMATICS B

COMPULSORY

1 SEMESTER

CONTENT:

In year 10 Mathematics, students will use Trigonometric Ratios to solve right-angled triangle problems. They will use these to solve problems involving both lengths and angle sizes. They apply Pythagoras and Trigonometry to right angled triangles to solve unknown angles and sides. They will also recognise the relationships between parallel and perpendicular lines and their angles to apply deductive reasoning to geometric shapes. They demonstrate understanding of data representation and interpretation by comparing data sets and evaluating statistical reports.

THEORY TOPICS:

- Geometric Reasoning
- Pythagoras and Trigonometry
- Data Representation and Interpretation

ASSESSMENT:

- Trigonometry Test
- Income Statistics Assignment
- Statistic and Analysis Assignment
- End of Semester Examination

[SCIENCE]

10 SCIENCE A

COMPULSORY

1 SEMESTER

CONTENT:

Students study concepts in genetics and the role of DNA in the inheritance of characteristics from one generation to the next. They study the Theory of Evolution by Natural Selection and apply their knowledge to investigate the existence of life. Students apply Newton's Three Laws of Motion and examine the relationship between force, mass and acceleration to describe and make predictions on the motion of objects. They develop experimental and inquiry skills through practical based activities.

THEORY TOPICS:

- Genetics
- Natural Selection and the Theory of Evolution
- Newton's Three Laws of Motion
- Energy changes

PRACTICAL TOPICS:

- Laboratory and field practicals

ASSESSMENT:

- Scientific practical reports
- Scientific investigations
- Test
- Exam

10 SCIENCE B

COMPULSORY

1 SEMESTER

CONTENT:

Students study the concept of atomic structure and the properties of elements, and how this correlates to elements placement on the periodic table. Students study how different types of chemical reactions can produce a range of products, at differing rates. Students describe the relationship between stars, solar systems, galaxies, and the universe, and apply the Big Bang theory to explain their origins. Students also explore the aspect of science as a human endeavour, by developing any applying their understanding of how this science effects society.

THEORY TOPICS:

- Chemical Reactions
- Rates of Reactions
- Space and the Origins of Universe
- Global systems

PRACTICAL TOPICS:

- Laboratory and field practicals

ASSESSMENT:

- Scientific practical reports
- Scientific investigations
- Test
- Exam

[TECHNOLOGIES]

10 DESIGN & TECHNOLOGY

ELECTIVE

1 SEMESTER

CONTENT:

In Year 10 Design & Technology students will build on processes within the workshop. Students will produce products on needs or opportunities that are relevant to individuals and global communities. Students will use graphical representation to generate ideas and production plans. Students then identify steps involved in planning the production of products while considering time, cost, and safety. They will learn to transfer theoretical knowledge to practical activities across projects.

THEORY TOPICS:

- Coffee table evaluation
- Knowledge & understanding Arduino coding
- Research into electronic industry
- Metal signage folio

PRACTICAL TOPICS:

- Wooden coffee table
- CAD coffee table drawings
- Arduino code
- LED electronic lamp
- Metal sign

ASSESSMENT:

- Evaluation
- Knowledge & Understanding
- Research industry
- Folio
- Producing

10 FOOD & HOSPITALITY

ELECTIVE

1 SEMESTER

CONTENT:

In Year 10 Food & Hospitality, students will investigate their communities' knowledge of food poisoning by analysing and evaluating data collected from individually designed surveys, with the aim of promoting awareness of food safety practices amongst consumers. Students will also work collaboratively to develop effective communication, organisation and teamwork skills by participating in two school-based catering events.

THEORY TOPICS:

- Kitchen Safety
- Food Safety
- Survey Design and Analysis
- Writing Action Plans
- Australian Guide to Healthy Eating
- Formal Letter format & Persuasive Writing
- Food Trucks, Costing & Advertising

PRACTICAL TOPICS:

- Reading & Understanding Recipes
- Measuring Concepts & Terminology
- Cooking Methods & Terminology
- Food Catering

ASSESSMENT:

- Design a Food Poisoning Survey
- Design, make & Cook a Healthy Pizza
- Nutrition Booklet
- Written Cooking Evaluations

10 COMPUTER SCIENCE

ELECTIVE

1 SEMESTER

CONTENT:

Learning in Computer Science focuses on further developing understanding and skills in computational thinking such as precisely and accurately describing problems and the use of modular approaches to solutions. It also focuses on engaging students with specialised learning in preparation for vocational training or learning in the senior secondary years.

THEORY TOPICS:

- Acquire and Manage Data
- Problem Definition and Constants
- Algorithm Construct

PRACTICAL TOPICS:

- Digital Solutions
- SQL
- Java / C++

ASSESSMENT:

- Database-driven websites
- Artificial intelligence engines
- Arduino Simulations.

RECOMMENDED PRIOR LEARNING

A C grade or better in year 8 Computer Science.

ASSOCIATED SUBJECT COSTS:

There is a fee of \$4 which will contribute towards an excursion/workshop at Flinders University.

[CROSS CURRICULAR]

10 PERSONAL LEARNING PLAN

**COMPULSORY STAGE 1 SUBJECT
(10 CREDITS)**

1 SEMESTER – RUN IN FIRST SEMESTER ONLY.

CONTENT:

The PLP assists students to explore, plan and develop their personal and learning goals. This will enable students to make informed choices when selecting subjects, courses and other pathways while at school and beyond. Students are given the opportunity to understand the key capabilities, set short and long-term goals and review and refine their learning. Students will investigate career pathways and gain exposure to industry through work experience, career expos, university and industry presentations, career interviews, job application processes and mock Interviews.

THEORY TOPICS:

- Understanding the Capabilities
- SMART Goals & SWOT Analysis
- Pathway Mapping
- Resume & Cover Letter writing
- Interview preparation

PRACTICAL EXPERIENCES:

- Career expos
- Mock interview
- Presentations
- Work experience/industry exposure

ASSESSMENT:

Type 1: Folio (60%) *Capabilities, SMART goals, Future Planning*

Type 2: Review (40%) *Job Investigation and Reflection, Resume, cover letter, Mock Interviews and reflection*

10 RESEARCH PRACTICES

**COMPULSORY STAGE 1 SUBJECT
(10 CREDITS)**

1 SEMESTER – RUN IN SECOND SEMESTER ONLY.

CONTENT:

Research Practices provides students with opportunities to develop their knowledge and understanding of the purpose of research, to explore a range of research approaches and to develop investigative and inquiry research skills. Students develop specific skills, such as planning their research, developing, interpreting and analysing information and data, and presenting their research findings considering the appropriateness, uses and limitations of specific sources.

THEORY TOPICS:

Exploring Research Approaches

- Research Methods: Quantitative V Qualitative methods

Exploring Research Skills

- Source analysis
- Bias
- Comparing sources
- Designing a research question
- Proposal writing

ASSESSMENT:

Type 1: Folio (50%) *Proposal and Planner, Tutorial on Qualitative and Quantitative Methods*

Type 2: *Source analysis (50%) Source Comparison, Letter to Editor Analysis, Research Processes, Proposal*

STAGE 1



[ARTS]

STAGE 1 DESIGN

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

Students document creative visual thinking and problem solving processes in their folio in order to meet a design brief. Through their use of visual language, students interpret and respond to works of design and develop imaginative ideas for their major product. Students improve their understanding of visual communication through studying the design process within a particular sector of their choice.

THEORY TOPICS:

- Design Terminology
- Adjective Vocab
- Design Brief
- Evaluation

PRACTICAL TOPICS:

- Fashion
- Product
- Industrial
- Graphic
- Interior

ASSESSMENT:

Type 1: Folio (40%) *Back up work for final*

Type 2: Practical (30%) *Final piece + evaluation*

Type 3: Visual Study (30%) - *Investigation Task*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed a semester of Year 10 Art with a grade of C or better to undertake this subject.

STAGE 1 DRAMA A & B

ELECTIVE (10 or 20 CREDITS)

1 SEMESTER OR FULL YEAR

CONTENT:

This course develops students' abilities as performers, practitioners and theorists. Students are asked to generate, analyse and evaluate ideas and dramatic work of self and others. Through the practical performance requirements of this course, students develop their characterization skills through reflection and work collaboratively in a group production for public performance. There is a significant theoretical component which involves practitioner and text study as well as written analysis and evaluation of dramatic work. Evening and/or weekend commitments to performances will be required.

THEORY TOPICS:

- Text Study
- Practitioner Study
- Review of Live Performance

PRACTICAL TOPICS:

- Practitioner Specific Styles
- Off-Stage Dramatic Roles Products
- Individual/Collaborative Performances

ASSESSMENT:

Type 1: Performance

Type 2: Folio (*Written tasks*)

Type 3: Investigation & Presentation

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 Drama with a grade of C or better to undertake this subject. If intending to study Drama for a whole year; students must pick DRAMA A and B. If intending to only study Drama for a semester; students must pick DRAMA A.

STAGE 1 MUSIC ADVANCED

ELECTIVE (10 OR 20 CREDITS)

1 SEMESTER OR FULL YEAR

CONTENT:

In Year 11 Music Advanced, Students further refine their practical skills as a soloist and member of an ensemble and present their skills as live performances or electronically. Students also analyze and reflect on their musical presentations/performances. Students manipulate elements of music to create an original composition and reflect on their creative process referring to the elements of music, styles and conventions used. This subject has a strong emphasis on music theory.

THEORY TOPICS:

- Elements of Music
- Music History
- Music Literacy

PRACTICAL TOPICS:

- Instrumental Skills
- Ensemble Participation
- Arrangement/Composition

ASSESSMENT:

- Ensemble Performances
- Musical Styles Timeline
- Musical Arrangement or Original Composition
- Elements of Music Test

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 Music A and B (a full year) with a grade of C or better to undertake this subject.

STAGE 1 MUSIC EXPERIENCE

ELECTIVE (10 OR 20 CREDITS)

1 SEMESTER OR FULL YEAR

CONTENT:

In Year 11 Music Experience, students develop and refine their practical skills on their chosen instrument/s and present their skills as part of an ensemble, solo performance or electronically. Students work both collaboratively with their ensemble and individually on their skills and investigate the conventions of the musical style presented. They explore and manipulate the elements of music as they create original arrangements and discuss style and context in response to musical listenings.

THEORY TOPICS:

- Elements of Music
- Style and Context
- Music Literacy

PRACTICAL TOPICS:

- Instrumental Skills
- Ensemble Participation
- Arrangement/Composition

ASSESSMENT:

- Ensemble or Solo Performances/Presentations
- Style Investigation
- Musical Arrangement and Discussion
- Musical Literacy: Style, Context and Elements of Music

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed a minimum of Year 10 Music A with a grade of C or better to undertake this subject.

STAGE 1 PHOTOGRAPHY A & B

ELECTIVE (10 OR 20 CREDITS)
1 SEMESTER OR FULL YEAR

CONTENT:

In Stage I Photography, students will investigate the functions of a camera and explore the characteristics of different photographic styles and techniques. Students develop and refine their understanding of Photoshop and demonstrate their ability to capture photographs, plan and produce photographic products to a brief. Students will also have the opportunity to exhibit their work in a professional setting.

THEORY TOPICS:

- Photography Styles & Techniques
- DSLR Camera Settings
- Lighting Conditions
- Evaluating Photographs & Photographic Processes
- Design Brief Folio for Major Product

PRACTICAL TOPICS:

- Photoshop Skills & Design
- Major Product Photographs & Product Design
- Minor Photographic Product & Product Design

ASSESSMENT:

- Skills & Application Tasks
- Folio of Major Product
- Major Product with Product Record
- Minor Product with Product Record

RECOMMENDED PRIOR LEARNING:

No recommended prior learning is necessary to undertake this subject, though an interest in practical learning would be beneficial.

STAGE 1 VISUAL ARTS (Digital)

ELECTIVE (10 CREDITS)
1 SEMESTER

CONTENT:

Students document their visual thinking and problem solving processes in a folio, to develop an original and personally relevant concept for their major artwork. Each student uses a medium of their choice to show their understanding of visual arts concepts, forms, styles and conventions. Students produce a Practitioner's Statement that includes use of visual arts language, to clarify influences and ideas. Students undertake research in the form of a Visual Study, to investigate, interpret and respond to artists and their works while refining practical techniques.

THEORY TOPICS:

- Annotations
- Procedural Write up
- Investigation
- Practitioner's Statement

PRACTICAL TOPICS:

- Documenting Idea generation
- Digital – Photoshop skills
- Body of Work/s that may be any of the following forms: film, animation, installation, assemblage, digital imaging, painting, drawing, mixed media, printmaking, photography, wood, plastic, or metal fabrication, sculpture, ceramics, and/or textiles.

ASSESSMENT:

Type 1: Folio (40%) *back up work for Major*

Type 2: Practical (30%) *Major Artwork + Practitioner's Statement*

Type 3: Visual Study (30%) - *Investigation Task, Digital focus*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed a semester of Year 10 Art with a grade of C or better to undertake this subject.

STAGE 1 VISUAL ARTS

(Traditional)

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

Students document their visual thinking and problem solving processes in a folio, to develop an original and personally relevant concept for their major artwork. Each student uses a medium of their choice to show their understanding of visual arts concepts, forms, styles and conventions. Students produce a Practitioner's Statement that includes use of visual arts language, to clarify influences and ideas. Students undertake research in the form of a Visual Study, to investigate, interpret and respond to artists and their works while refining practical techniques.

THEORY TOPICS:

- Annotations
- Procedural Write up
- Investigation
- Practitioner's Statement

PRACTICAL TOPICS:

- Documenting Idea Generation
- Traditional – Painting/Drawing
- Body of Work/s that may be any of the following forms: film, animation, installation, assemblage, digital imaging, painting, drawing, mixed media, printmaking, photography, wood, plastic, or metal fabrication, sculpture, ceramics, and/or textiles.

ASSESSMENT:

Type 1: Folio (40%) *back up work for Major*

Type 2: Practical (30%) *Major Artwork + Practitioner's Statement*

Type 3: Visual Study (30%) - *Investigation Task, Traditional focus*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed a semester of Year 10 Art with a grade of C or better to undertake this subject.

[ENGLISH]

STAGE 1 ENGLISH A

COMPULSORY ELECTIVE(10 CREDITS)
1 SEMESTER

CONTENT:

Students explore how the purpose of a text is achieved through application of text conventions and stylistic choices to position the audience to respond to ideas and perspectives of a fictional text. An understanding of purpose, audience, and context is applied in students' own creation of both a narrative and persuasive oral presentation.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Responding to Texts (25%) *Essay*

Type 2: Creating Texts (50%) *Narrative, Persuasive Oral*

Type 3: Intertextual Study (25%) *Analytical Response to films*

STAGE 1 ENGLISH B

COMPULSORY ELECTIVE(10 CREDITS)
1 SEMESTER

CONTENT:

Students analyse the interrelationship of author, text, and audience with an emphasis on how language and stylistic features shape ideas and perspectives. An understanding of purpose, audience, and context is applied in students' own creation of imaginative, interpretive, analytical, and persuasive texts.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Responding to Texts (25%) *Comparative Analysis*

Type 2: Creating Texts (50%) *Social Media Blog, News Article*

Type 3: Intertextual Study (25%) *Comparative Essay in response to two texts of the student's choice*

STAGE 1 ESSENTIAL ENGLISH

A

COMPULSORY ELECTIVE(10 CREDITS)
1 SEMESTER

CONTENT:

Students develop skills around responding to texts by analysing film and magazines. They select and analyse purpose, target audiences, structure, conventions and language features. Students develop understanding of ideas and perspectives in texts and demonstrate their understanding through written and/or multimodal responses. Students explain design choices and use appropriate textual conventions when writing.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Responding to Texts (50%) *Film Analysis, Magazine Analysis.*

Type 2: Creating Texts (50%) *Creating a Magazine Cover, Narrative Writing*

STAGE 1 ESSENTIAL ENGLISH

B

COMPULSORY ELECTIVE(10 CREDITS)
1 SEMESTER

CONTENT:

Students further their responding to texts skills through considering a variety of ways in which texts communicate information, ideas, and perspectives. They explore the relationship between structures and features and the purpose, audience, and context of texts through producing a film analysis and youth issues blog. Students also examine the links between language and demonstrate their knowledge of creating texts through oral and multimodal presentations.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Responding to Texts (50%) *Film Analysis, Youth Issue Blog*

Type 2: Creating Texts (50%) *Persuasive Oral, Youth Issue Presentation*

STAGE 1 ESSENTIAL ENGLISH (EALD FOCUS) A

COMPULSORY ELECTIVE(10 CREDITS)
1 SEMESTER

CONTENT:

Students develop an understanding of how texts communicate information, ideas and perspectives. When responding to texts, students identify and analyse themes in a film text. Students explore magazine covers to select and analyse purpose, target audiences, structure, conventions and language features. They also create texts and demonstrate their understanding through written and/or multimodal responses.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Responding to Texts (50%)*Film Analysis, Magazine Analysis*

Type 2: Creating Texts (50%)*Creating a Magazine Cover, Narrative Writing*

STAGE 1 ESSENTIAL ENGLISH (EALD FOCUS) B

COMPULSORY ELECTIVE(10 CREDITS)
1 SEMESTER

CONTENT:

Students develop an understanding of how texts communicate information, ideas and perspectives. When responding to texts, students analyse and identify gender and cultural stereotypes and how identity is shaped in society. They also create informative, persuasive and personal reflective texts. Students demonstrate their understanding through written and/or multimodal responses.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Responding to Texts (50%)*Film Response, Analytical Response*

Type 2: Creating Texts (50%)*Informative/Persuasive Text, Personal/Reflective Response*

[HEALTH & PHYSICAL EDUCATION]

STAGE 1 HEALTH

ELECTIVE

1 SEMESTER

CONTENT:

Students learn about the influences on personal and community health and well-being. Students investigate topics including participation in active lifestyles, effects of alcohol and drugs, mental health and environmental health. Whilst learning the content, students are given chances to work individually and in small groups. Their knowledge and understanding is highlighted in their completion of an issue response, group activity and investigation.

THEORY TOPICS:

Topics learnt through lesson content include:

- Health and participation in healthy lifestyles
- The effects of alcohol, tobacco and other drugs on health
- Health and the environment
- Contemporary health priorities in Australia
- Health and relationships
- Mental and emotional health
- Growing up healthy
- Careers in health

ASSESSMENT:

Type 1: Issues Response. *Current health issues.*

Type 2: Group Activity. *Implement change on a health topic of your choice.*

Type 3: Investigation. *Researching health organisations..*

STAGE 1 OUTDOOR EDUCATION

ELECTIVE (10 CREDITS)

SEMESTER

CONTENT:

Students will apply knowledge and understanding learnt during theory tasks to a practical environment. They will visit local areas to investigate environmental topics such as sustainability, risk management and navigation. Students will complete a planning folio prior to attending camp and reflect on their outdoor journey upon returning.

THEORY TOPICS:

- Sand Dune Study
- Risk and Safety Management Report
- Navigation Focus Study

PRACTICAL TOPICS:

- Surfing Practical
- Bushwalking/Orienteering

ASSESSMENT:

Type 1: Practical

Type 2: Folio

Type 3: Report

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Outdoor Ed in Year 10 with a grade of C or better.

STAGE 1 PHYSICAL EDUCATION

ELECTIVE

1 SEMESTER

CONTENT:

Students explore the participation in and performance of human physical activities. It is an experiential subject in which students explore their physical capacities and investigate the factors that influence and improve participation and performance outcomes, which lead to greater movement confidence and competence. Physical activities can include sports, theme-based games, fitness and recreational activities.

THEORY TOPICS:

- Engine Room Performance Task
- Minor Game Accessibility and Suitability
- Physiology and Improvement

PRACTICAL TOPICS:

- Volleyball
- Touch
- Soccer

ASSESSMENT:

Type 1: Performance Improvement

Type 2: Physical Activity Investigation

- 6 minute iMovie – Engine Room Task
- Physiology and Improvement – Touch – Report
- Accessibility and Suitability - Volleyball - Report

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 Health & Physical Education with a C Grade or better.

STAGE 1 SAASTA (ABORIGINAL STUDIES)

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

In Aboriginal Studies, students learn from and with Aboriginal peoples, communities, and other sources of Aboriginal voice. Students acknowledge and extend their understanding of the narratives and accomplishments as told by Aboriginal peoples, also reflect and analyse the historical and contemporary experiences that are of significance to Aboriginal peoples and communities.

THEORY TOPICS:

- Contemporary Experience
- Strong Identities
- Text Analysis
- NAIDOC Presentation

PRACTICAL TOPICS:

- Aboriginal Power Cup
- Guernsey design
- Banner Design

ASSESSMENT:

- Report/PowerPoint
- Visual representation
- Text Analysis
- Visual Display

Please note that this subject is only available to students who identify as Aboriginal or Torres Strait Islander

[HUMANITIES]

STAGE 1 ABORIGINAL STUDIES 1

ELECTIVE (10 CREDITS)
1 SEMESTER

CONTENT:

Students develop knowledge and understanding of contemporary and historical Aboriginal cultures, the diversity of Aboriginal peoples and the Dreaming. Students analyse different perspectives from Aboriginal people and through organisations and other sources. Students build skills to contribute to a more just, equitable, and respectful society.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Learning Journey (75%)

Type 2: Creative Presentation (25%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 HASS with a grade of C or better to undertake this subject.

STAGE 1 BUSINESS INNOVATION 1

ELECTIVE (10 CREDITS)
1 SEMESTER

CONTENT:

Students learn about the successful management of business and enterprise in personal, business, and social contexts, on a local, national, and global scale. Students begin to develop the knowledge, skills, and understanding to engage in business contexts in the modern world. They consider the opportunities and challenges associated with start-up and existing businesses, and consider how digital and emerging technologies may present opportunities to enhance business models now and in the near future.

TOPICS:

- Finding and Solving Problems
- Financial Awareness and Decision-Making
- Business Information and Communication
- Global, Local, and Digital Connections

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Business Skills (60%) *Skills Tasks, Business Model Summary*

Type 2: Business Pitch (40%) *Business Pitch, Evaluation.*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 HASS with a grade of C or better to undertake this subject.

STAGE 1 GEOGRAPHY 1

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

Students develop an understanding of the spatial interrelationships between people, places and environments. They identify patterns and trends, and explore and analyse geographical relationships by using geographical methods and skills. They pose questions, seek answers and evaluate responses, using a range of fieldwork and spatial technology skills to develop their understanding of the world through direct experience.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Geographical Skills (70%) *Briefing Paper, Natural Hazards Report, Contemporary Issues Report*

Type 2: Fieldwork (30%) *Contemporary Issues Report*

Exam

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 HASS with a grade of C or better to undertake this subject.

STAGE 1 – LEGAL STUDIES 1

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

Students explore the structures of the Australian legal system and learn about law-making and the administration of justice. Students consider how diverse groups in society, including Indigenous Australians, influence and are influenced by the legal system. Students have the opportunity to write their own laws and argue their relevance and value and to assess the jury system through participating in mock trials. They reflect on, and make informed judgments about the strengths and weaknesses of the Australian legal system.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Folio (50%) *Brochure, Mind Map, Test*

Type 2: Issues Study (30%)

Type 3: Presentation (20%) *Mock Trial*

Exam

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 HASS with a grade of C or better to undertake this subject.

STAGE 1 MEDIA STUDIES 1

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

Students explore the dynamic role of media in Australian and global contexts. Students develop an understanding of the ways in which media can influence people, as well as provide views of world events, and entertainment. They are involved in discussing and analysing media issues, interacting with media, and creating media products.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Folio (40%)

Type 2: Interaction Study (20%)

Type 3: Product (40%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 HASS with a grade of C or better to undertake this subject.

STAGE 1 MODERN HISTORY 1

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

Students explore changes within the world since 1750, examining developments and movements, the ideas that inspired them, and their short-term and long-term consequences for societies, systems, and individuals. Students explore the impacts of these developments through two key areas of study. Students will also investigate an area of their own interest in the Historical Study.

TOPICS:

- The First World War
- Revolutions in Russia

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Historical Skills (70%)

- *Exposition (Essay) – The Causes of, or Changing Nature of, The First World War*
- *Sources Analysis – Pre-Revolutionary Russia*
- *Newspaper Article – Events of the 1917 Russian Revolutions*

Type 2: Historical Study (30%)

Exam

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 HASS with a grade of C or better to undertake this subject.

STAGE 1 SOCIETY AND CULTURE 1

ELECTIVE (10 CREDITS)
1 SEMESTER

CONTENT:

Students explore and analyse the interactions of people, societies, cultures, and environments. Students learn about the ways in which societies constantly change and develop, and how they are affected by social, political, historical, environmental, economic, and cultural factors. Students develop critical insight into issues such as gender, ethnicity, racism, class, and power structures that affect the lives and identities of individuals and groups.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Source Analysis (40%)
Type 2: Group Activity (30%)
Type 3: Investigation (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 HASS with a grade of C or better to undertake this subject.

STAGE 1 TOURISM 1

ELECTIVE (10 CREDITS)
1 SEMESTER

CONTENT:

Students explore the nature of tourism in Australia and overseas. They develop an understanding of the nature of tourists, tourism, and the tourism industry, as well as the complex economic, social, cultural, and environmental impacts of tourism. Students develop an understanding of tourism from the perspectives of host, operator, and traveller. They investigate tourism locally, nationally, and globally and learn about sustainable tourism practices.

TOPICS:

- International and Domestic Travel
- Impacts of Tourism
- Tourism Industry

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Case Study (20%) *Preparing for International Travel*
Type 2: Source Analysis (20%) *Impacts of Tourism*
Type 3: Practical Activity (40%) *Field Trip, Planning a trip*
Type 4: Investigation (20%)
Exam

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 HASS with a grade of C or better to undertake this subject.

[LANGUAGES]

STAGE 1 LANGUAGES OTHER THAN ENGLISH

ELECTIVE (10 OR 20 CREDITS)

1 SEMESTER OR FULL YEAR

OFFERED THROUGH SCHOOL OF LANGUAGES

CONTENT:

The School of Languages is a specialist government school. Classes are held after hours in more than 25 teaching centres around the metropolitan area.

Languages offered in 2020 include:

Afrikaans, Arabic, AUSLAN, Bosnian, Chinese, Croatian, Dinka, French, German, Hindi, Indonesian, Italian, Japanese, Kaurua, Khmer, Korean, Nepali, Persian, Pitjantjatjara, Polish, Punjabi, Serbian, Spanish, Swahili, Vietnamese

ASSOCIATED SUBJECT COSTS:

There may be a fee associated with undertaking these courses. As these courses are not run at MOC, it is likely that you will need to find your own way to and from classes.

[MATHEMATICS]

STAGE 1 ESSENTIAL MATHEMATICS A

**COMPULSORY ELECTIVE (10 CREDITS)
1 SEMESTER (SEMESTER 1 ONLY)**

CONTENT:

Students extend their mathematical skills in ways that apply to practical problem-solving in everyday and workplace contexts. A problem-based approach is integral to the development of mathematical skills and associated key ideas in this subject.

Topics studied cover a range of applications of mathematics, including general calculation, measurement, and money management. In this subject there is an emphasis on extending students' computational skills and expanding their ability to apply their mathematical skills in flexible and resourceful ways.

THEORY TOPICS:

- Calculations, Time & Ratio
- Measurement
- Earning & Spending

ASSESSMENT:

- Calculations, Time and Ratio Assignment
- Moving out of Home Assignment
- Earning and Spending Assignment
- Measurement Assignment

STAGE 1 ESSENTIAL MATHEMATICS B

**ELECTIVE (10 CREDITS)
1 SEMESTER (SEMESTER 2 ONLY)**

CONTENT:

Students extend their mathematical skills in ways that apply to practical problem-solving in everyday and workplace contexts. A problem-based approach is integral to the development of mathematical skills and associated key ideas in this subject.

Topics studied cover a range of applications of mathematics, including geometry, interpreting data, money management, and statistics. In this subject there is an emphasis on extending students' computational skills and expanding their ability to apply their mathematical skills in flexible and resourceful ways.

THEORY TOPICS:

- Data in Context
- Geometry
- Investing

ASSESSMENT:

- Simple Interest Assignment
- Compound Interest Assignment
- Data in Context Assignment
- Geometry Assignment

RECOMMENDED PRIOR LEARNING:

For a pathway into Stage 2 Essential Mathematics, a C grade or higher in Stage 1 Essential Mathematics A is recommended.

Note that if a C grade or better is not achieved in semester 1, then Stage 1 Essential Mathematics B will become compulsory in semester 2 to satisfy SACE requirements.

STAGE 1 GENERAL MATHEMATICS A

COMPULSORY ELECTIVE (10 CREDITS)
1 SEMESTER (SEMESTER 1 ONLY)

CONTENT:

The subject gives students the abilities and skills required to learn how to approach new challenges by investigating, modelling, reasoning, visualizing and problem-solving with the goal of communicating to others the relationships observed and the problems solved.

Stage 1 General Mathematics is taken as a 20-credit subject and allows students to achieve the numeracy requirement of the SACE. Students who achieve a C grade or better in this subject in either semester 1 or semester 2 meet the compulsory 10-credit numeracy requirement.

THEORY TOPICS:

- Measurement
- Investing and Borrowing
- Statistical Investigation

ASSESSMENT:

- Measurement Test
- Investing and Borrowing Test
- Statistics Test
- Mathematical Investigation

PRE-REQUISITES:

Year 10 General Mathematics with a C grade or better is required to undertake this subject.

STAGE 1 GENERAL MATHEMATICS B

ELECTIVE (10 CREDITS)
1 SEMESTER (SEMESTER 2 ONLY)

CONTENT:

The subject gives students the abilities and skills required to learn how to approach new challenges by investigating, modelling, reasoning, visualizing and problem-solving with the goal of communicating to others the relationships observed and the problems solved.

Stage 1 General Mathematics is taken as a 20-credit subject and allows students to achieve the numeracy requirement of the SACE. Students who achieve a C grade or better in this subject in either semester 1 or semester 2 meet the compulsory 10-credit numeracy requirement.

THEORY TOPICS:

- Applications of Trigonometry
- Linear and Exponential Relationships
- Networks and Matrices

ASSESSMENT:

- Trigonometry Test
- Linear and Exponential Relationships Test
- Networks and Matrices Test
- Mathematical Investigation

PRE-REQUISITES:

Stage 1 General Mathematics with a C grade or better is required to undertake this subject.

Note that if a C grade or better is not achieved in semester 1, then Stage 1 Essential Mathematics B or Stage 1 General Mathematics B will become compulsory in semester 2 to satisfy SACE requirements.

STAGE 1 MATHEMATICAL METHODS A

COMPULSORY ELECTIVE (10 CREDITS)
1 SEMESTER (SEMESTER 1 ONLY)

CONTENT:

This subject gives students the abilities and skills required to learn how to approach new challenges by investigating, modelling, reasoning, visualising and problem solving with the goal of communicating to others the relationships observed and the problems solved. Stage 1 Mathematical Methods provides the foundation for further study in mathematics in Stage 2 Mathematical Methods and Stage 2 Specialist Mathematics.

THEORY TOPICS:

- Functions and Graphs
- Polynomials
- Trigonometry

ASSESSMENT:

- Assessment Type 1: Skills and Applications Tasks – including end of semester examination
- Folio Investigation

PRE-REQUISITES:

C grade in Year 10 Advanced Mathematics, but a B grade or higher is recommended. This course can be done concurrently with Stage 1 Mathematical Methods B.

STAGE 1 MATHEMATICAL METHODS B

ELECTIVE (10 CREDITS)
1 SEMESTER (SEMESTER 1 ONLY)

CONTENT:

This subject gives students the abilities and skills required to learn how to approach new challenges by investigating, modelling, reasoning, visualising and problem solving with the goal of communicating to others the relationships observed and the problems solved. Stage 1 Mathematical Methods provides the foundation for further study in mathematics in Stage 2 Mathematical Methods and Stage 2 Specialist Mathematics.

THEORY TOPICS:

- Arithmetic and Geometric Sequences and Series
- Geometry
- Matrices

ASSESSMENT:

- Skills and Application Tasks – including end of semester examination
- Folio Investigation

PRE-REQUISITES:

C grade in Year 10 Advanced Mathematics, but a B grade or higher is recommended. This course must be studied in conjunction with Mathematical Methods A.

STAGE 1 MATHEMATICAL METHODS C

ELECTIVE (10 CREDITS)

1 SEMESTER (SEMESTER 2 ONLY)

CONTENT:

This subject gives students the abilities and skills required to learn how to approach new challenges by investigating, modelling, reasoning, visualising and problem solving with the goal of communicating to others the relationships observed and the problems solved. Stage 1 Mathematical Methods provides the foundation for further study in mathematics in Stage 2 Mathematical Methods and Stage 2 Specialist Mathematics.

THEORY TOPICS:

- Counting and Statistics
- Growth and Decay
- Introduction to Differential Calculus

ASSESSMENT:

- Skills and Application Tasks – including end of semester examination
- Folio Investigation

PRE-REQUISITES:

C grade in Stage 1 Mathematical Methods A and B, but a B grade or higher is recommended. This course can be done concurrently with Stage 1 Specialist Mathematics.

STAGE 1 SPECIALIST MATHEMATICS

ELECTIVE (10 CREDITS)

1 SEMESTER (SEMESTER 2 ONLY)

CONTENT:

This subject gives students the abilities and skills required to learn how to approach new challenges by investigating, modelling, reasoning, visualising and problem solving with the goal of communicating to others the relationships observed and the problems solved. Stage 1 Specialist Mathematics provides the foundation for further study in mathematics in Stage 2 Specialist Mathematics.

THEORY TOPICS:

- Vectors in the Plane
- Trigonometry
- Real and Complex Numbers

ASSESSMENT:

- Skills and Application Tasks – including end of semester examination
- Tasks Folio Investigation

PRE-REQUISITES:

C grade in Stage 1 Mathematical Methods A and B, but a B grade or higher is recommended. This course must be studied in conjunction with Mathematical Methods C.

[SCIENCE]

STAGE 1 BIOLOGY A

ELECTIVE (10 CREDITS)

1 SEMESTER (SEMESTER 1 ONLY)

CONTENT:

The study of Biology is constructed around inquiry into and application of understanding the diversity of life as it has evolved, the structure and function of living things, and how they interact with their own and other species and their environments. Students will develop an understanding of key ideas in Biology, in particular a knowledge of Cells which underpins all further study in Biology. Investigative skills are developed through practical work and research, as well as analytical and problem-solving skills.

TOPICS:

- Cells and Microorganisms
- Multicellular Organisms.

ASSESSMENT:

Type 1: Investigations Folio (50%) *1x practical report, 1x Science as a Human Endeavour research task*

Type 2: Skills and Applications Tasks(50%) *including end of semester examination*

PRE-REQUISITES:

C grade in Year 10science **and** mathematics, but B grades or higher are recommended.

STAGE 1 BIOLOGY B

ELECTIVE (10 CREDITS)

1 SEMESTER (SEMESTER 2 ONLY)

CONTENT:

Students will further develop an understanding of key ideas in Biology, including how infectious diseases can spread, enter hosts and then the human body's response to disease. Students will then investigate diverse ecosystems, including the biotic and abiotic components of these systems. Stage 1 Biology provides the required foundation for further study in Stage 2 Biology.

TOPICS:

- Infectious Disease
- Biodiversity and Ecosystem Dynamics

ASSESSMENT:

Type 1: Investigations Folio (50%) *1x practical report, 1x Science as a Human Endeavour research task*

Type 2: Skills and Applications Tasks(50%)*including end of semester examination*

PRE-REQUISITES:

C grade in Stage 1 Biology A, but a B grade or higher is recommended.

STAGE 1 CHEMISTRY A

ELECTIVE (10 CREDITS)

1 SEMESTER (SEMESTER 1 ONLY)

CONTENT:

In their study of Chemistry, students develop and extend their understanding of how the physical world is chemically constructed, the interaction between human activities and the environment, and the use that human beings make of the planet's resources. They explore examples of how scientific understanding is dynamic and develops with new evidence, which may involve the application of new technologies. Students will develop an understanding of key ideas in Chemistry, in particular a knowledge of The Kinetic Theory of Matter which underpins all further study in Chemistry. Investigative skills are developed through practical work and research, as well as analytical and problem-solving skills.

TOPICS:

- Materials and their Atoms
- Combinations of Atoms
- Mixtures and Solutions

ASSESSMENT:

Type 1: Investigations Folio (50%) *1x practical report, 1x Science as a Human Endeavour research task*

Type 2: Skills and Applications Tasks (50%) *including end of semester examination*

PRE-REQUISITES:

C grade in Year 10 science **and** mathematics, but B grades or higher are recommended.

STAGE 1 CHEMISTRY B

ELECTIVE (10 CREDITS)

1 SEMESTER (SEMESTER 2 ONLY)

CONTENT:

Students will further develop an understanding of key ideas in Chemistry, including how knowledge of chemistry can be applied to solve major challenges in energy use, global food supply and climate change. Students will investigate how acids and bases interact in nature to shape their local environment through a camp to the Naracoorte Caves and Blue Lake in Mount Gambier. Stage 1 Chemistry provides the required foundation for further study in Stage 2 Chemistry.

TOPICS:

- Molecules
- Redox Reactions
- Acids and Bases

ASSESSMENT:

Type 1: Investigations Folio (50%) *1x practical report, 1x Science as a Human Endeavour research task*

Type 2: Skills and Applications Tasks (50%) *including end of semester examination*

PRE-REQUISITES:

C grade in Stage 1 Chemistry A, but a B grade or higher is recommended.

ASSOCIATED SUBJECT COSTS:

There is a cost of between \$100-150 for the camp depending on numbers. Payment plans are available and fundraising options may be investigated to offset the cost.

STAGE 1 PHYSICS A

ELECTIVE (10 CREDITS)

1 SEMESTER (SEMESTER 1 ONLY)

CONTENT:

Stage 1 Physics A is organised into three topics. Through the study of these topics, students develop and extend their knowledge of the interaction between matter, energy, and forces in linear motion, and electric circuits and the transfer and transformation of energy. Topics can be chosen and studied in their entirety or in part, taking into account student interests and preparation for pathways into future study of physics. Students inquire into aspects of physics through practical discovery and data analysis, or by selecting, analysing, and interpreting information. Students design and safely carry out investigations, they demonstrate their science inquiry skills.

THEORY TOPICS:

- Motion under constant acceleration
- Forces
- Potential difference and electric current
- Energy
- Momentum

PRACTICAL TOPICS

- Motion analysis using multi-imaging techniques
- Vector Three-way stretch

ASSESSMENT:

Type 1: Investigations Folio (50%) *1x practical report, 1x Science as a Human Endeavour research task*

Type 2: Skills and Applications Tasks (50%) *including end of semester examination*

PRE-REQUISITES:

Entry into this course requires a C grade in Year 10 science **and** mathematics, but B grades or higher are recommended.

ASSOCIATED SUBJECT COSTS:

Students may purchase Essentials Physics – Australian Curriculum, Year 11 Publication.

STAGE 1 PHYSICS B

ELECTIVE (10 CREDITS)

1 SEMESTER (SEMESTER 2 ONLY)

CONTENT:

Stage 1 Physics B is organised into three topics. Through the study of these topics, students examine the structure of matter, spontaneous nuclear reactions, and the ionising radiation that results from these processes. Topics can be chosen and studied in their entirety or in part, taking into account student interests and preparation for pathways into future study of physics. Students will participate in UniSA connect workshops at the Mawson Lakes campus. These workshops will allow students to devolve strong laboratory skills, obtain industry connections by collaboratively working with UniSA academic staff.

THEORY/PRACTICAL TOPICS:

- Wave model
- Light
- The nucleus
- Radioactive decay

PRACTICAL TOPICS:

- UniSA Workshop: DST Group Radar Technology
- UniSA Workshop: Nuclear Physics

ASSESSMENT:

Type 1: Investigations Folio (50%) *1x practical report, 1x Science as a Human Endeavour research task*

Type 2: Skills and Applications Tasks (50%) *including end of semester examination*

PRE-REQUISITES:

Entry into this course requires a C grade or higher in Stage 1 Physics A, but a B grade or higher is recommended.

ASSOCIATED SUBJECT COSTS:

There is a fee of \$2 for the return Adelaide Metro train trip to Mawson's Lakes, UniSA excursions/workshop.

STAGE 1 PSYCHOLOGY

ELECTIVE (10 OR 20 CREDITS)

FULL YEAR OR 1 SEMESTER

CONTENT:

In Stage 1 Psychology, students will use psychological evidence, theories and principles to explain human behaviour. Students will study human behaviour in different contexts by looking at different scales of analysis, which are the four levels of explanation. They will study psychological concepts and apply them to everyday situations and experiences through investigations, tests and assignments. Students will also conduct investigations to demonstrate an understanding in ethical research practices.

THEORY TOPICS:

Note: not all topics will be covered, this will be at the discretion of subject teachers taking the particular cohort into account.

- Introduction to Psychology
- Social Behaviour
- Intelligence
- Cognition
- Brain and Behaviour
- Human Psychological Development
- Emotion
- Negotiated Topic (this may expand an existing topic or introduce a new area of study).

ASSESSMENT:

Type 1: Investigations Folio (40%) *1x group investigation, 1x issues investigation*

Type 2: Skills and Applications Tasks (60%) *including end of semester examination*

PRE-REQUISITES: Nil

TECHNOLOGIES

STAGE 1 CHILD STUDIES 1

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

Child Studies focuses on children and their development from conception to 8 years. Students have the opportunity to develop knowledge and understanding of young children through individual, collaborative, and practical learning. They explore concepts such as the development, needs, and rights of children, the value of play, concepts of childhood and families, and the roles of parents and care-givers.

THEORY TOPICS:

- Children Around World
- Investigation- What makes a good parent?
- Textiles- Soft Toy
- Healthy lunchbox- cooking with Early years

PRACTICAL TOPICS:

- Weekly literacy program in Early years
- Robotic Baby-Educational infant simulator

ASSESSMENT:

Type 1: Practical Activity

Type 2: Group Activity

Type 3: Investigation

Some assessments may include: Practical exams, Investigation, Evaluation, Food order/recipe procedure, Action plan writing, Research task, iMovie

STAGE 1 CHILD STUDIES 2

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

Students examine the period of childhood from conception to 8 years, and issues related to the growth, health, and well-being of children. They examine diverse attitudes, values, and beliefs about childhood and the care of children, the nature of contemporary families, and the changing roles of children in a contemporary consumer society.

Students have opportunities to build their understanding of the range of attitudes, values, and beliefs of people in the wider community in relation to children and child-rearing practices.

THEORY TOPICS:

- Toys & gender stereotype
- Issues related with caring for a baby (Simbabies)
- Childhood Obesity
- Investigating too much screen time for children

PRACTICAL TOPICS:

- Weekly literacy program in Early years
- Robotic Baby-Educational infant simulator

ASSESSMENT:

Type 1: Practical Activity

Type 2: Group Activity

Type 3: Investigation

Some assessments may include: Practical exams, Investigation, Evaluation, Food order/recipe procedure, Action plan writing, Research task, iMovie

STAGE 1 DESIGN, TECHNOLOGY & ENGINEERING A & B

**ELECTIVE (10 OR 20 CREDITS)
1 SEMESTER OR FULL YEAR**

CONTENT:

Students will use the design and realisation process to engineer solutions for the development of products from wood and/or metal. The subject encourages students to be creative, innovative and enterprising in their chosen material area. Students will be required to review design features/processes to then assist in creating their own. They will use a diverse range of manufacturing technologies such as tools and machines to demonstrate their knowledge and skill through producing a product.

THEORY TOPICS:

- Specialised skills task Evaluation
- Design process and solution

PRACTICAL TOPICS:

- Specialised skills task practical
- Solution realisation (Product)

ASSESSMENT:

Type 1: Specialised Skills task

Type 2: Design process and solution

RECOMMENDED PRIOR LEARNING:

It is recommended that students completed Year 9 or 10 Design & Technology with a C grade or better to undertake this subject.

Note: If students are choosing two semesters of Design, Technology & Engineering, they must work with the opposite material that they worked with in first semester.

STAGE 1 FOOD AND HOSPITALITY 1

**ELECTIVE (10 CREDITS)
1 SEMESTER**

CONTENT:

Students focus on the dynamic nature of the food and hospitality industry and develop an understanding of contemporary approaches and issues related to food and hospitality. They develop skills in using technology and safe work practices in the preparation, storage and handling of food and complying with current health and safety legislation. Students reflect on processes and outcomes, sustainability and global trends.

THEORY TOPICS:

- Food safety
- Food Presentation
- Technological influences
- Catering
- Sustainability
- Food trends

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL-BASED ASSESSMENT

Type 1: Practical Activity (50%) *High risk food; Catering, salad and cold dessert; Catering, student design (student agency) – technological influences, sustainability, trends.*

Type 2: Group Activity (25%) *Group Action Plans*

Type 3: Investigation (25%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 Food and Hospitality with a grade of C or better to undertake this subject.

STAGE 1 FOOD AND HOSPITALITY 2

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

Students focus on the dynamic nature of the food and hospitality industry and develop an understanding of contemporary approaches and issues related to food and hospitality. They develop skills in using technology and safe work practices in the preparation, storage and handling of food and complying with current health and safety legislation. Students reflect on processes and outcomes, sustainability and global trends.

THEORY TOPICS:

- Australian Edible plants
- Food Preservation
- Barista
- Plating styles
- Food trends
- Contemporary Issues

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL-BASED ASSESSMENT

Type 1: Practical Activity (50%) *Food Preservation, dehydrating, packaging; Barista, coffee and cake; Catering, student design (student agency) – edible plants, sustainability, trends and contemporary issues.*

Type 2: Group Activity (25%) *Group Action Plans*

Type 3: Investigation (25%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 Food and Hospitality with a grade of C or better to undertake this subject.

[CROSS CURRICULAR]

STAGE 1 COMMUNITY STUDIES

**ELECTIVE (10 CREDITS)
1 SEMESTER**

CONTENT:

Community Studies provides students with insights into the ways in which communities are shaped and operate. It offers students the opportunity to learn in a community context, both within and beyond the school environment. Students develop capabilities that enable them to contribute actively and successfully to community activities.

TOPICS: students choose from

- Arts and the Community
- Communication and the Community
- Foods and the Community
- Health, Recreation, and the Community
- Science, Technology, and the Community
- Work and the Community

CAPABILITIES DEVELOPED

- Numeracy
- Literacy
- Personal development
- Critical and Creative capability
- Intercultural understanding
- Ethical understanding
- Information and Communication Technology

ASSESSMENT:

- Development of the Contract of Work
- Folio: Communication and Interaction
- Community Activity
- Reflection

ASSOCIATED SUBJECT COSTS:

Costs will vary depending on the activity a student decides to complete.

RESEARCH PROJECT

**COMPULSORY STAGE 2 SUBJECT
(10 CREDITS)
1 SEMESTER**

CONTENT:

Students choose a research topic that is based on an area of interest, and develop one or more SACE capabilities (Literacy, Numeracy, Information and Communication Technology, Critical and Creative Thinking, Personal and Social, Ethical Understanding, and Intercultural Understanding). Students use the research framework as a guide to developing their research by applying knowledge and skills specific to their research topic. They create an outcome, evaluate the research processes used and reflect on the relevance of the chosen capability (or capabilities) to themselves and their research project.

SCHOOL BASED ASSESSMENT:

Type 1: Folio (30%) *a record of the student's research.*

Type 2: Outcome (40%) *Students synthesise their key findings to produce a research outcome.*

EXTERNAL ASSESSMENT:

Type 3: Evaluation or Review (30%) *Students explain the choice of research processes used (e.g. qualitative and quantitative research, practical experimentation, fieldwork) and evaluate the usefulness of the research processes.*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 10 Research Practices with a C or higher.

STAGE 1 INTEGRATED LEARNING- COMMUNITY VOLUNTEERING

ELECTIVE (10 CREDITS)

1 SEMESTER

CONTENT:

Students have the opportunity to develop their leadership skills and receive training to become peer mentors. Students will engage in regular volunteering activities through working with MOC students through classroom support, The Learning Centre and the Student2Student reading program with The Smith Family. Students will explore the qualities of leaders and mentors, develop their resilience and strengths and acknowledge the importance of literacy and peer support in their lives. Students participate in a series of group discussions and individual reflections on the importance of peer to peer support and developing literacy.

PRACTICAL TOPICS:

- Training and induction
- Mark Oliphant Learning Centre: peer support
- Peer reading program: literacy improvement
- Presentation

THEORY TOPICS:

- 500 word response to the discussion questions.
- Journals
- Reflection

ASSESSMENT:

Type 1: Practical Exploration (20%) *Students will participate in induction training.*

Type 2: Connections (60%) *Students will be assessed on their participation in all practical and connection components and will be required to complete a 500 word discussion task.*

Type 3: Personal Venture (20%) *Students review their personal development and discuss how their participation has assisted them to develop their personal and social skills, while assisting others to do the same. Students will complete journal entries and a 750 word reflection of their experience and write a reflection suitable for publication in a school magazine,*

as a speech to an audience or as an application for future leadership positions in the school community.

RECOMMENDED PRIOR LEARNING:

Students should be confident with their reading skills.

ASSOCIATED SUBJECT COSTS:

When volunteering as an s2s Buddy, students will need to access a phone (mobile or landline) **or** computer/tablet (can negotiate with school).

STAGE 2



[ARTS]

STAGE 2 DRAMA

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

This course is predominantly grounded in theoretical work with some practical application. There is a significant collaborative production (in either on-stage or off-stage capacity) for public performance that is externally assessed. Evening and/or weekend commitments to performances will be required. Students are required to complete an in depth study on both a text and practitioner

THEORY TOPICS:

- Text Study
- Practitioner Study
- Review of Live Performance
- Production Report
- Reflection Notes

PRACTICAL TOPICS:

- Group Presentation
- Performance

SCHOOL BASED ASSESSMENT:

Type 1: Group Presentation (20%) *Based on either text or practitioner*

Type 2: Folio (30%)

Type 3: Interpretative Study (20%) *Based on either text or practitioner*

EXTERNAL ASSESSMENT:

Type 4: Performance (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed a full year of Stage 1 Drama with a grade of C or better to undertake this subject.

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 9 Art with a grade of C or better to undertake this subject.

STAGE 2 MUSIC SOLO PERFORMANCE

ELECTIVE (10 CREDITS)

FULL YEAR

CONTENT:

In Year 12 Music Solo Performance, students refine their skills on their chosen instrument as a solo performer. They work independently and also with their instrumental teacher to produce solo repertoire for 3 solo performances. Students also present a discussion and evaluation on their performances where they discuss preparation, musical styles, technique, performance skills and other aspects of the performance as well as critiquing their own performances.

THEORY TOPICS:

- Performance Discussion
- Performance Evaluation

PRACTICAL TOPICS:

- Instrumental Skills
- Solo Performances

SCHOOL BASED ASSESSMENT:

Type 1: Performance (30%)

Type 2: Performance and Discussion (40%)

EXTERNAL ASSESSMENT:

Type 3: Performance Portfolio (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 11 Music Experience OR Advanced with a grade of C or better to undertake this subject.

**It is recommended that this subject is paired with Year 12 Music Ensemble Performance to attain a 20 credit outcome.*

STAGE 2 MUSIC ENSEMBLE PERFORMANCE

ELECTIVE (10 CREDITS)

FULL YEAR

CONTENT:

In Year 12 Music Ensemble Performance, students refine their skills on their chosen instrument as a member of an ensemble. They work collaboratively with all members of their group to produce repertoire for 3 ensemble performances. Students also present a discussion and evaluation on their performances where they discuss preparation, musical styles, technique, performances skills and other aspects of the performance as well as critiquing their own performances.

THEORY TOPICS:

- Performance Discussion
- Performance Evaluation

PRACTICAL TOPICS:

- Instrumental Skills
- Ensemble Performances

SCHOOL BASED ASSESSMENT:

Type 1: Performance (30%)

Type 2: Performance and Discussion (40%)

EXTERNAL ASSESSMENT:

Type 3: Performance Portfolio (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 11 Music Experience OR Advanced with a grade of C or better to undertake this subject.

**It is recommended that this subject is paired with Year 12 Music Solo Performance to attain a 20 credit outcome.*

STAGE 2 MUSIC EXPLORATIONS

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

In Year 12 Music Explorations, students explore, create, analyze and critique music. They create music through composition and/or live solo or ensemble performances and then discuss these creations through commentary and analysis. Students critique live music commenting on the elements of music in their analysis of the works and the performance. Students explore style through analysis as they compare and contrast different music styles.

THEORY TOPICS:

- Live Music critique
- Music Analysis
- Exploring Music

PRACTICAL TOPICS:

- Solo and/or Ensemble Performances
- Composition

SCHOOL BASED ASSESSMENT:

Type 1: Musical Literacy (30%) *May include Analysis, Critique, Composition.*

Type 2: Explorations (40%) *May include Performance or Composition and a Commentary*

EXTERNAL ASSESSMENT:

Type 3: Creative Connections (30%) *May Include Performance or Composition with discussion and analysis*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 11 Music with a grade of B or better to undertake this subject.

STAGE 2 MUSIC STUDIES

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

In Year 12 Music Studies, students create music, analyze music in depth and study standard notation. They create music through composition or live performances working from standard notation and produce a creator's statement. Students analyze and interpret musical works through deconstruction, analytical listening, score reading and score annotating. Students also complete an examination in which they apply their knowledge and understanding of musical elements and their musicianship skills.

THEORY TOPICS:

- Analysis
- Score reading
- Harmony
- Musical Literacy
- Elements of Music

PRACTICAL TOPICS:

- Performance
- Standard Notation Composition

SCHOOL BASED ASSESSMENT:

Type 1: Creative Works (40%) *May include performances or composition and creators statement.*

Type 2: Musical Literacy (30%) *May include comparative analysis, harmony, standard notation composition, score analysis.*

EXTERNAL ASSESSMENT:

Type 3: Examination (30%) *May include analysis, manipulation of elements of music, musical literacy*

PRE-REQUISITES:

It is required that students have completed Year 11 Music Advanced and achieved a passing grade. Music Staff must approve students selecting this course.

STAGE 2 PHOTOGRAPHY

(Design & Technology – Communication Products)

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

In Stage II Photography, students will demonstrate their proficient application of camera and photograph-editing skills, and compare materials used in the design process of their major product. Students will produce both a Major and Minor Photographic Product of their choosing; a Design Brief Folio is used to document their investigation and planning of their project, including an evaluation of their finished products and processes.

THEORY TOPICS:

- Processes & Techniques
- Materials Application
- Design Brief Folio
- Major Product Record
- Minor Product Record

PRACTICAL TOPICS:

- DLSR & Photoshop Skills
- Materials Testing
- Major Photographic Product
- Minor Photographic Product Design

SCHOOL BASED ASSESSMENT:

Type 1: Skills & Application Tasks (20%)

Type 2: Product (50%)

EXTERNAL ASSESSMENT:

Type 3: Folio (30%)

RECOMMENDED PRIOR LEARNING:

No recommended prior learning is necessary to undertake this subject, though Year 10 Photography and/or Design, or Stage I Photography and/or Design would be beneficial.

Please note: This is a precluded subject and may not contribute to an ATAR in a subject pair combination.

STAGE 2 VISUAL ARTS (Art)

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Students gain knowledge of various art styles, works, movements and concepts by analysing and investigating other practitioners' work. They learn to respond to these works in informed ways through the means of a Visual Study and understand where artists draw inspiration from. By experimenting with a range of media, processes, and techniques, students demonstrate a range of practical skill and aesthetic choice through the development of two major artworks, each accompanied by a folio. Students write a Practitioner's Statement for each major to clarify influences and ideas behind their work.

THEORY TOPICS:

- Art Terminology
- Adjective Vocab
- Reflection
- Writing an introduction and Conclusion
- Annotations
- Procedural Write up

PRACTICAL TOPICS:

- Brainstorming/Mind mapping
- Idea Generation
- Experimentation with Mediums
- Thumbnail Sketching
- Basic Design Skills
- Body of Work/s that may be any of the following: film, animation, installation, assemblage, digital imaging, painting, drawing, mixed media, printmaking, photography, wood, plastic, or metal fabrication, sculpture, ceramics, and/or textiles.

Type 2: Practical (30%) *one or two resolved Body of work + relevant Practitioner's Statement*

EXTERNAL ASSESSMENT:

Type 3: Visual Study 30% *Investigation – students choose their own focus, 20 x A3 pages*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed a minimum of a semester of Year 11 Art with a grade of C or better to undertake this subject.

SCHOOL BASED ASSESSMENT:

Type 1: Folio (40%) *back up work for Majors, 40 x A3 pages*

[ENGLISH]

12 ENGLISH

ELECTIVE(20 CREDITS)

FULL YEAR

CONTENT:

Students analyse the interrelationship of author, text, and audience, with an emphasis on how language and stylistic features shape ideas and perspectives in a range of contexts. They explore how the purpose of a text is achieved through application of text conventions and stylistic choices to position the audience to respond to ideas and perspectives. Students develop their reading and analytical skills by responding to a range of texts.

SCHOOL BASED ASSESSMENT:

Type 1: Responding to Texts (30%) *Advertising*

Comparison, Report, Essay Response to Film

Type 2: Creating Texts (40%) *Exposition, Narrative, Writer's Statement, Personal Blog*

EXTERNAL ASSESSMENT:

Type 3: Comparative Analysis (30%) *Comparative Essay in response to two texts of the student's choice*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 11 English with a grade of C or higher to undertake this subject.

12 – ESSENTIAL ENGLISH

ELECTIVE(20 CREDITS)

FULL YEAR

CONTENT:

Students respond to and create texts in and for a range of personal, social, cultural, community, and/or workplace contexts. Students understand and interpret information, ideas, and perspectives in texts and consider ways in which language choices are used to create meaning. Students will extend their communication skills through reading,

viewing, writing, listening, and speaking. Students will create a range of oral, written, and multimodal texts that communicate information, ideas, and perspectives for a range of purposes.

SCHOOL BASED ASSESSMENT:

Type 1: Responding to Texts (30%) *Film Analysis, Short Story Response, Website Analysis*

Type 2: Creating Texts (40%) *Persuasive Text, Instructional Video, Workplace Text*

EXTERNAL ASSESSMENT:

Type 3: Language Study (30%) *Students develop an individual study based on a chosen topic.*

12 ESSENTIAL ENGLISH (EALD)

ELECTIVE(20 CREDITS)

FULL YEAR

CONTENT:

Students respond to and create texts in and for a range of personal, social, cultural, community, and/or workplace contexts. Students understand and interpret information, ideas, and perspectives in texts and consider ways in which language choices are used to create meaning. When creating their own procedural, analytical, and/or interpretive texts, students consider the intended purpose of the text, the representation of ideas and issues, and the possible response of the audience.

SCHOOL BASED ASSESSMENT:

Type 1: Responding to Texts (30%) *Documentary Analysis, Film Analysis, English Language Sample Analysis*

Type 2: Creating Texts (40%) *Informal letter, Advocacy Text, Instructional Text*

EXTERNAL ASSESSMENT:

Type 3: Language Study (30%) *Students develop an individual study based on a chosen topic.*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 11 English or Essential English with a grade of C or higher to undertake this subject.

[HEALTH & PHYSICAL EDUCATION]

STAGE 2 HEALTH

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

In semester 1, students investigate the importance of health literacy by addressing factors that contribute to health literacy levels, explore health outcomes and research ways in which health literacy can be improved. Students are required to use a variety of sources and present appropriate acknowledgment.

In groups, students explore a health related issue and evaluate an existing awareness raising campaigns, before creating and presenting a campaign of their own. A discussion on the process, collaborative work and outcome is then completed. Students also attend a practical activity session run by an outside agency such as Headspace or SHINE SA. Students then investigate the related health issue and address how relevant and successful the organization is within our community.

THEORY TOPICS:

- Health Literacy
- Social and Economic Determinants of health
- Major global health initiatives
- The role of the World Health Organisation
- Priority areas for action in health promotion in Australia

SCHOOL BASED ASSESSMENT:

Type 1: Group Investigation and Presentation (30%) *Students select a contemporary health issue, research, plan and present action on the health issue.*

Type 2: Issue Analysis (20%) *Students present evidence of their analysis of current health trend/issue.*

Type 3: Practical Activity (20%) *Students participate in health promoting activity beyond the classroom. In previous years, it has been completed through SHINE SA.*

EXTERNAL BASED ASSESSMENT:

Type 4: Investigation (30%) *Students are directly involved in a personal or community-based activity to promote health outcomes.*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Stage 1 Health with a grade of C or better to undertake this subject.

STAGE 2 INTEGRATED LEARNING- PHYSICAL EDUCATION

**ELECTIVE
FULL YEAR**

CONTENT:

Students will learn about the importance of biomechanics concepts and how they can be used to improve skills in touch football. Students will record and analyse video footage of their skill and use learnt biomechanics concepts in an attempt to improve their skill level. Students will also make several visits the gym as part of their external assessment piece. Students will learn about coaching techniques and styles and implement this in a coaching session.

THEORY TOPICS:

- Biomechanics
- Group and collaborative learning
- Coaching styles and techniques
- Tactics and gameplay in sport
- Fitness programs

PRACTICAL TOPICS:

- Touch football
- Volleyball
- Fitness/gym sessions
- Soccer
- Coaching

SCHOOL BASED ASSESSMENT:

- Practical Inquiry (40%) *Will include biomechanics self-analysis and soccer tactics and gameplay analysis.*
- Connections (30%) *Will include volleyball tournament booklet and coaching task*

EXTERNAL ASSESSMENT

- Personal Endeavour (30%) *Will include 6 week training program.*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Stage 1 Physical Education with a grade of C or better to undertake this subject.

STAGE 2 OUTDOOR EDUCATION

ELECTIVE (10 CREDITS)

1 YEAR

CONTENT:

Students demonstrate skills in planning and implementing human-powered outdoor journeys, or journeys that use natural forces. They investigate, critically analyse, and communicate information about the natural environment and outdoor journeys in a variety of ways and contexts. Students will demonstrate teamwork, communication, leadership and self-reliance throughout the outdoor journeys, of which there is at least 1 camp per term at Stage 2. In conjunction with the outdoor journeys, students will be investigating issues relating to human impact and sustainability in the areas they visit, producing a final written investigation as a moderation piece.

THEORY TOPICS:

- Sustainability Study- Dolphin Sanctuary
- Reflective Journal Writing
- Human Impact Investigation
- Ecology Study- Sand Dune Study
- Planning Folio- First Aid and Fitness Plan.

PRACTICAL TOPICS:

- Surfing
- Bushwalking/Navigation
- Kayaking

SCHOOL BASED ASSESSMENT:

Type 1: Folio (20%)

Type 2: Group Practical (30%)

Type 3: Self-Reliant Practical (20%)

EXTERNAL ASSESSMENT:

Type 4: Investigation (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Year 11 Outdoor Education at least semester with a C grade or better to undertake this subject.

ASSOCIATED SUBJECT COSTS:

There is a fee of approximately \$120 which will contribute towards the 3 camps over the year. Each camp has transport, instructor, equipment hire, in addition to repair costs for school owned equipment including tents and jackets. This fee will also be used to cover expenses for excursions throughout the year. The school will cover the majority of this cost and the fee contributes a small amount to the ongoing running of this subject. Payment plans are available.

STAGE 2 PHYSICAL EDUCATION

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

In Physical Education, students explore the participation in and performance of human physical activities. It is a subject in which students explore their physical capacities and investigate the factors that influence and improve participation and performance outcomes, which lead to greater movement confidence and competence. An integrated approach to learning in Physical Education promotes deep learning 'in, through, and about' physical activity.

THEORY TOPICS:

- Energy sources affecting performance
- Physiological factors affecting performance
- Training and the effects on physical performance
- Psychology of sporting performance
- Motor learning theories

PRACTICAL TOPICS:

Could include:

- Basketball
- Volleyball
- Soccer
- Badminton

SCHOOL BASED ASSESSMENT:

Type 1: Diagnostics (30%) *Students participate in physical activity to collect, analyse and evaluate evidence with a focus on movement concepts and strategies.*

Type 2: Improvement Analysis (40%) *Students undertake a personal journey with focus on school or community based program.*

EXTERNAL ASSESSMENT:

Type 3: Group Dynamics (30%) *focus on physical activity beyond the individual to investigate the impact that team members, individually and collectively, have on the participation and performance of others.*

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Stage 1 Physical Education with a grade of C or better.

STAGE 2 SAASTA (INTEGRATED LEARNING)

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Students undertake a key role as leaders for their Academy's Power Cup team. They plan and assist with coaching/training and mentoring younger students as they prepare for the Aboriginal Power Cup, students also reflect on their leadership. Students work together to lead the Aboriginal History Role Play for the Stage 1 students as well as identify their own goals and pathway in a SETUP Guide.

THEORY TOPICS:

- Historical Role Play
- Banner
- SETUP Guide

PRACTICAL TOPICS:

- Football Training
- Dance
- Activity Tracking

SCHOOL BASED ASSESSMENT:

Type 1: Practical Inquiry (40%)

Type 2: Connections(30%)

EXTERNAL ASSESSMENT:

Type 3: Personal Endeavour(30%)

RECOMMENDED PRIOR LEARNING:

Successful completion of Stage 1 SAASTA with a C grade or better.

Please note that this subject is only available to students who identify as Aboriginal or Torres Strait Islander

[HUMANITIES]

STAGE 2 BUSINESS AND ENTERPRISE

ELECTIVE(20 CREDITS)

FULL YEAR

CONTENT:

Students learn about the successful management of business in personal, business, and social contexts, on a local, national, and global scale. They gain knowledge and understanding of business operations and evaluate decisions on business practices. Students assess the impacts of business and enterprise on the economy, environment, and the well-being and lifestyle of individuals and communities.

TOPICS:

- Business Environment
- People Business and Work
- Current Business Issues and Ethics
- Changes in the Workplace

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT:

Type 1: Folio (30%)*Report, Test*

Type 2: Practical (20%)

Type 3: Issues Study (20%)

EXTERNAL ASSESSMENT:

Type 4: Report (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Stage 1 Business and Enterprise with a grade of C or better to undertake this subject.

STAGE 2 GEOGRAPHY

ELECTIVE(20 CREDITS)

FULL YEAR

CONTENT:

Students examine social and economic change and develop their understanding of the growth and impact of globalisation. Students develop their understanding of natural and enhanced greenhouse gasses and the impact of people on ecosystems and natural world. They undertake independent fieldwork, evaluate the causes, effects, and consequences of change and communicate geographical information, using subject-specific terminology and visual representations.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT:

Type 1: Geographical Skills (40%)*Climate Change Report. Globalisation Broadsheet and Report. Transforming Global Inequality Report. Class Fieldwork Trip and Report.*

Type 2: Fieldwork Report (30%)*Individual Fieldwork and Report.*

EXTERNAL ASSESSMENT:

Type 3: Examination, 2 Hours (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have successfully completed Stage 1 Geography with a grade of C or better to undertake this subject.

STAGE 2 LEGAL STUDIES

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Students explore Australia's legal heritage and the dynamic nature of the Australian Legal System within a global context. They provide a sound understanding of the structures of the Australian Legal System and demonstrate how that system responds and contributes to social change while maintaining tradition. By analysing the Australian Legal System, students consider how diverse groups in society influence and are influenced by the legal system.

TOPICS:

- The Australian Legal System
- Constitutional Government
- Law-making
- Justice Systems

SCHOOL BASED ASSESSMENT:

Type 1: Folio (50%) *Media Analysis, Test incorporating Short Answer and Extended Responses, Essay.*

Type 2: Inquiry (20%)

EXTERNAL ASSESSMENT:

Type 3: Examination, 3 Hours (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed either Stage 1 Legal Studies or English with a grade of C or better to undertake this subject.

12 MEDIA STUDIES

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Students develop media literacy and production skills. They research, discuss and analyse media issues and create media products. Students explore the role of media and how the media can exert a significant influence on the way people receive and interpret information about the world. The subject consists of a study of three topics within the framework of the four key media concepts: Media Representations, Media Conventions, Media Organisations and Media Audiences.

TOPICS:

- Local, national and global media issues.
- Media texts and contexts.
- Interactions with media.
- The media industry.

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Folio (30%)

Type 2: Product (40%)

EXTERNAL ASSESSMENT

Type 3: Investigation (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Stage 1 Media Studies with a grade of C or better to undertake this subject.

STAGE 2 MODERN HISTORY

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Students investigate the growth of Germany between 1918-48. Students investigate the social, political, and economic changes that shaped the development of that nation as well as the characteristics, internal and external divisions and challenges the nation has faced. Students also explore relationships among nations, examine some significant and distinctive features of the world since 1945, and consider their impact on the contemporary world. Students will also undertake a Historical Study.

TOPICS:

- Modern Nations: Germany (1914-48)
- The World Since 1945: The Changing World Order, 1945- (The Cold War)

ASSESSMENT:

Students demonstrate evidence of their learning through the following assessment types:

SCHOOL BASED ASSESSMENT

Type 1: Historical Skills (50%)

- *Essay: Germany 1918-48 – Rise of Hitler and the Nazi Party*
- *Sources Analysis: Germany 1918-48 – Nazi Propaganda*
- *Empathetic Reportage: Germany 1918-48 – Series of Personal Letters*
- *Photo Story: The Changing World Order (1945-) – Events of the Cold War*
- *Essay: The Changing World Order (1945-) – Communism and The Cold War*

Type 2: Historical Skills (20%)

EXTERNAL ASSESSMENT

Type 3: Examination, 2 hours (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed at least 1 Semester of Stage 1 History or any other Stage 1 Humanities Subject with a grade of C or better to undertake this subject.

ASSOCIATED SUBJECT COSTS:

Personal expenses will be needed due to an excursion. Late fees and replacement costs of texts may be incurred if students borrow from outside agencies or institutions.

[LANGUAGES]

STAGE 2 LANGUAGES OTHER THAN ENGLISH

**ELECTIVE (10 OR 20 CREDITS)
1 SEMESTER OR FULL YEAR
OFFERED THROUGH SCHOOL OF
LANGUAGES**

CONTENT:

The School of Languages is a specialist government school. Classes are held after hours in more than 25 teaching centres around the metropolitan area.

Languages offered in 2020 include:

Afrikaans, Arabic, AUSLAN, Bosnian, Chinese, Croatian, Dinka, French, German, Hindi, Indonesian, Italian, Japanese, Kaurna, Khmer, Korean, Nepali, Persian, Pitjantjatjara, Polish, Punjabi, Serbian, Spanish, Swahili, Vietnamese

ASSOCIATED SUBJECT COSTS:

There may be a fee associated with undertaking these courses. As these courses are not run at MOC, it is likely that you will need to find your own way to and from classes.

PRE-REQUISITE

Students must have successfully completed their language course at Stage 1 with a C grade or better.

[MATHEMATICS]

STAGE 2 ESSENTIAL MATHEMATICS

ELECTIVE (20 CREDITS)
FULL YEAR

CONTENT:

Essential Mathematics offers senior secondary students the opportunity to extend their mathematical skills in ways that apply to practical problem-solving in everyday and workplace contexts. Students apply their mathematics to diverse settings, including everyday calculations, financial management, business applications, measurement and geometry, and statistics in social contexts. In Essential Mathematics there is an emphasis on developing students' computational skills and expanding their ability to apply their mathematical skills in flexible and resourceful ways. This subject is intended for students planning to pursue a career in a range of trades or vocations.

TOPICS:

- Scales, plans, and models
- Measurement
- Business applications
- Statistics
- Investments and loans
- Open topic

SCHOOL BASED ASSESSMENT:

Type 1: 4x Skills and Application Tasks (30%)
Type 2: 2x Folio Tasks (40%)

EXTERNAL ASSESSMENT:

Type 3: Examination (30%)

PRE-REQUISITES:

Entry into this course requires a C grade in Stage 1 Essential Mathematics A and B.

STAGE 2 GENERAL MATHEMATICS

ELECTIVE (20 CREDITS)
FULL YEAR

CONTENT:

General Mathematics extends students' mathematical skills in ways that apply to practical problem-solving. A problem-based approach is integral to the development of mathematical models and the associated key concepts in the topics. These topics cover a diverse range of applications of mathematics, including personal financial management, the statistical investigation process, modelling using linear and non-linear functions, and discrete modelling using networks and matrices.

TOPICS:

- Modelling with Linear Relationships
- Modelling with Matrices
- Statistical Models
- Financial Models
- Discrete Models

SCHOOL BASED ASSESSMENT:

Type 1: Skills and Application Tasks(40%) *5x Topic Tests*
Type 2: 2x Mathematical Investigations (30%)

EXTERNAL ASSESSMENT:

Type 3: Examination (30%)

PRE-REQUISITES:

Entry into this course requires a C grade in Stage 1 General Mathematics A and B, but B grades or higher are recommended.

ASSOCIATED SUBJECT COSTS:

Purchase of a scientific calculator (approx. \$25)

STAGE 2 MATHEMATICAL METHODS

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Mathematical Methods develops an increasingly complex and sophisticated understanding of calculus and statistics. By using functions and their derivatives and integrals, and by mathematically modelling physical processes, students develop a deep understanding of the physical world through a sound knowledge of relationships involving rates of change. Students use statistics to describe and analyse phenomena that involve uncertainty and variation. Mathematical Methods provides the foundation for further study in mathematics, economics, computer sciences, and the sciences. It prepares students for courses and careers that may involve the use of statistics, such as health or social sciences. When studied together with Specialist Mathematics, this subject can be a pathway to engineering, physical science, and laser physics.

TOPICS:

- Further Differentiation and Applications
- Discrete Random Variables
- Integral Calculus
- Logarithmic Functions
- Continuous Random Variables and the Normal Distribution
- Sampling and Confidence Intervals

SCHOOL BASED ASSESSMENT:

Type 1: Skills and Applications Tasks (50%) *6 Topic Tests*

Type 2: Mathematical Investigation (20%)

EXTERNAL ASSESSMENT:

Type 3: Examination (30%)

PRE-REQUISITES:

Entry into this course requires a C grade in Stage 1 Mathematical Methods A, B **and** C, but B grades or higher are recommended.

STAGE 2 SPECIALIST MATHEMATICS

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Specialist Mathematics draws on and deepens students' mathematical knowledge, skills, and understanding, and provides opportunities for students to develop their skills in using rigorous mathematical arguments and proofs, and using mathematical models. It includes the study of functions and calculus. The subject leads to study in a range of tertiary courses such as mathematical sciences, engineering, computer science, and physical sciences. Students envisaging careers in related fields will benefit from studying this subject.

Specialist Mathematics is designed to be studied in conjunction with Mathematical Methods.

TOPICS:

- Mathematical Induction
- Complex Numbers
- Functions and Sketching Graphs
- Vectors in Three Dimensions
- Integration Techniques and Applications
- Rates of Change and Differential Equations

SCHOOL BASED ASSESSMENT:

Type 1: Skills and Applications Tasks (50%) *6 Topic Tests*

Type 2: Mathematical Investigation (20%)

EXTERNAL ASSESSMENT:

Type 3: Examination (30%)

PRE-REQUISITES:

Entry into this course requires a C grade in Stage 1 Mathematical Methods A, B, C **and** Stage 1 Specialist Mathematics, but B grades or higher are recommended.

[SCIENCE]

STAGE 2 BIOLOGY

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Students investigate biological systems and their interactions, from the perspectives of energy, control, structure and function, change, and exchange in microscopic cellular structures and processes, through to macroscopic ecosystem dynamics. These investigations allow students to extend the skills, knowledge, and understanding that enable them to explore and explain everyday observations, find solutions to biological issues and problems, and understand how biological science impacts on their lives, society, and the environment. Students also pursue scientific pathways, for example, in medical research, veterinary science, food and marine sciences, agriculture, biotechnology, environmental rehabilitation, biosecurity, quarantine, conservation, and ecotourism.

TOPICS:

- DNA and Proteins
- Cells as the Basis of Life
- Homeostasis
- Evolution

SCHOOL BASED ASSESSMENT:

Type 1: Investigations Folio (30%) *2x practical reports, 1x Science as a Human Endeavour research task*

Type 2: Skills and Applications Tasks (40%) *4x topic tests*

EXTERNAL ASSESSMENT:

Type 3: Examination (30%)

PRE-REQUISITES:

Entry into this course requires a C grade in Stage 1 Biology A **and** B, but a B grade or higher is recommended.

ASSOCIATED SUBJECT COSTS:

Purchase of the 2020 SASTA Biology Study Guide recommended (approx. cost \$29).

STAGE 2 CHEMISTRY

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Students study chemical solutions to global problems involving sustainable energy and fuels, food and nutrition, carbon emissions, and material waste. They investigate the capacity of chemical knowledge to inform public debate on social and environmental issues helping them make informed decisions about interacting with and modifying nature, and explore options such as green or sustainable chemistry to reduce the environmental impact of chemical products and processes. Students also pursue scientific pathways, including in medical or pharmaceutical research, pharmacy, environmental research, chemical engineering, and innovative product design.

TOPICS:

- Monitoring the Environment
- Managing Chemical Processes
- Organic and Biological Chemistry
- Materials

SCHOOL BASED ASSESSMENT:

Type 1: Investigations Folio (30%) *2x practical reports, 1x Science as a Human Endeavour research task*

Type 2: Skills and Applications Tasks (40%) *3x topic tests, 1x infographic task*

EXTERNAL ASSESSMENT:

Type 3: Examination (30%)

PRE-REQUISITES:

Entry into this course requires a C grade in Stage 1 Chemistry A **and** B, but a B grade or higher is recommended.

ASSOCIATED SUBJECT COSTS:

Purchase of the 2020 SASTA Chemistry Study Guide recommended (approx. cost \$29).

STAGE 2 PHYSICS

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

The study of Physics helps students understand matter, forces, energy and their interactions. Students develop skills in gathering, analysing, and interpreting data to investigate a range of phenomena, develop and apply their understanding of how science interacts with society and investigate the dynamic nature of Physics. They explore how physicists develop new understanding and insight to produce innovative solutions to everyday and complex problems and challenges in local, national, and global contexts. Students will participate in UniSA connect workshops at the Mawson Lakes campus. These workshops will allow students to develop strong laboratory skills and obtain industry related experience by collaboratively working with UniSA academic staff.

THEORY TOPICS:

- Motion and Relativity
- Electricity and Magnetism
- Light and Atoms

PRACTICAL TOPICS:

There are three UniSA workshops:

- Momentum in Two Dimensions
- Motion of Charged Particles in EM fields
- Interference of Light

SCHOOL BASED ASSESSMENT:

Type 1: Investigations Folio(30%) *2x practical investigations, 1x Science as a Human Endeavour research task*

Type 2: Skills and Applications Tasks(40%)

EXTERNAL ASSESSMENT:

Type 3: Examination (30%)

PRE-REQUISITES:

Entry into this course requires a C grade in Stage 1 Physics A **and** B, but a B grade or higher is recommended.

ASSOCIATED SUBJECT COSTS:

There is a fee of \$ 6 (\$2 per term x3) for the return Adelaide Metro train trip to Mawson's Lakes, UniSA excursions/workshop. Students may purchase Essentials Physics – Australian Curriculum, Year 12 Publication

STAGE 2 PSYCHOLOGY

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

In Stage 2 Psychology, students will use psychological evidence, theories and principles to explain human behaviour. Students will study human behaviour in different contexts by looking at different scales of analysis, which are the four levels of explanation. Students will apply psychological concepts and apply them to everyday situations and experiences through investigations, tests and assignments. Students will also conduct investigations to demonstrate an understanding in ethical research practices.

THEORY/PRACTICAL TOPICS:

- Introduction to Psychology
- Social Cognition
- Learning
- Psychobiology of Altered States of Awareness
- Personality
- Healthy Minds

SCHOOL BASED ASSESSMENT:

Type 1: Investigations Folio (30%)

Type 2: Skills and Applications Tasks(40%)

EXTERNAL ASSESSMENT:

Type 3: Examination (30%)

PRE-REQUISITES: Nil

[TECHNOLOGIES]

STAGE 2 CHILD STUDIES (INTEGRATED LEARNING)

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Students develop an understanding of factors that impact on the social, emotional, physical and mental wellbeing of young children. They develop skills in planning, organising, conducting and evaluating research through reflections, practical exploration, collaborative activities and an externally assessed Personal Endeavour.

THEORY TOPICS:

- How nutrition impacts on a child's cognitive, social and physical development
- The importance of regular physical activity on a child's social, emotional, physical and mental well being
- Current trends in raising a child
- Technology and children
- Independent research

PRACTICAL TOPICS

- Creating a meal suitable for a pregnant woman
- Planning small group activities for 2 x year 2 classes
- Catering healthy food options for year 1 and or 2 students
- Organising a sports morning with all year 2 classes
- Independent practical of choice for external "Personal Endeavour"

SCHOOL BASED ASSESSMENT:

Type 1: Practical Inquiry (40%) *Research task, Practical activities & reflections*

Type 2: Connections (30%) *Students design their own connections assignment*

EXTERNAL ASSESSMENT:

Type 3: Personal Endeavour (30%) *The personal endeavour is an opportunity for students to explore an area of the program focus that is of interest to them.*

STAGE 2 DESIGN, TECHNOLOGY & ENGINEERING

ELECTIVE

FULL YEAR (20 Credits)

CONTENT:

Students will use the design and realisation process to engineer solutions for the development of products from wood and or metal. The subject encourages students to be creative, innovative and enterprising in their chosen material area. Students will use a range of diverse manufacturing techniques such as tools, machines and/or systems to create a product using appropriate materials. Students will produce outcomes that demonstrate their knowledge and skills through producing a product.

THEORY TOPICS:

- Specialised skills task Evaluation x2
- Design process and solution
- Resource Investigation
- Issues Exploration

PRACTICAL TOPICS:

- Specialised skills task practical
- Solution realisation (Product)

SCHOOL BASED ASSESSMENT:

Type 1: Specialised Skills Task x2 (20%)

Type 3: Design process and solution (50%)

EXTERNAL ASSESSMENT:

Type 3: Resource Study (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students completed Year 9, 10 or 11 Design & Technology with a grade of C or better to undertake this subject.

STAGE 2 FOOD AND HOSPITALITY

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Stage 2 Food and Hospitality focuses on the contemporary and changing nature of the food and hospitality industry. Students critically examine contemporary and future issues within the food and hospitality industry and the influences of economic, environmental, legal, political, sociocultural, and technological factors at local, national, and global levels.

THEORY TOPICS:

- Food safety
- Sustainability, towards zero waste
- Superfoods, nutritional value of food
- Australian Cuisine – What defines us as a Food Nation?
- Food Blogs, Social media influences
- Food presentation
- Technological Influences
- Current and emerging trends

PRACTICAL TOPICS:

- Take away meals
- Australian cuisine
- Sustainable catering
- Health trends using superfoods
- Cake decorating
- Catering for an event

SCHOOL BASED ASSESSMENT:

Type 1: 5 Practical Activity(50%)*Individual Action Plans; Research tasks; Evaluations; Practical evidence and set response questions.*

Type 2: Group Activity(20%)*Group Action Plan; Evaluation; Practical Evidence and set response questions.*

EXTERNALASSESSMENT:

Type 3:Investigation (30%)

RECOMMENDED PRIOR LEARNING:

It is recommended that students have completed Stage 1 Food and Hospitality with a grade of C or better to undertake this subject.

[CROSS CURRICULAR]

STAGE 2 COMMUNITY STUDIES A

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

Community Studies provides students with insights into the way communities are shaped and operate. It offers students the opportunity to learn in a community context, both within and beyond the school environment. Students continue to work on their capabilities and through their interactions with others, students use their experiences as a means of achieving personal growth.

TOPICS: students choose from

- Arts and the Community
- Communication and the Community
- Foods and the Community
- Health, Recreation, and the Community
- Science, Technology, and the Community
- Work and the Community

CAPABILITIES DEVELOPED

- Numeracy
- Literacy
- Personal development
- Critical and Creative capability
- Intercultural understanding
- Ethical understanding
- Information and Communication Technology

SCHOOL BASED ASSESSMENT:

Type 1: Contract of Work (70%) May include Folio & Presentation

EXTERNAL ASSESSMENT:

Type 2: Reflection (30%)

ASSOCIATED SUBJECT COSTS:

Costs will vary depending on the chosen community activity.

**** THIS SUBJECT CANNOT BE USED TOWARDS UNIVERSITY ENTRANCE. ****

STAGE 2 WORKPLACE PRACTICES

ELECTIVE (20 CREDITS)

FULL YEAR

CONTENT:

This subject is ideal for students who are enrolled in a certificate course or those completing a school based apprenticeship. In Workplace Practices, students develop knowledge and understanding of the nature, type, and structure of the workplace. Students investigate the changing nature of work; industrial relations and legislation; safe and sustainable workplace practices; technical and industry-related skills; and issues in industry and workplace contexts. They will undertake classwork, field trips, guest speakers, complete reflections and a work placement as part of the course.

THEORY TOPICS:

- Topic 1: Work in Australian Society
- Topic 3: Industrial Relations
- Topic 4: Finding Employment

PRACTICAL TOPICS:

- Performance task
- Work Experience or VET work placement
- Industry visit and Subject Expo

SCHOOL BASED ASSESSMENT:

Type 1: Folio (25%) *Comprises of three assessment tasks involving presentations, a mock interview and a written report.*

Type 2: Performance (25%) *Includes 50 hours of 'work experience' (paid or unpaid) or VET and a detailed workplace journal.*

Type 3: Reflection (20%) *Two reflection tasks, one on careers and pathways and one of the learning journey considering post school planning and opportunities.*

EXTERNAL ASSESSMENT:

Type 4: Investigation (30%) *An investigation of choice (practical or theory based)*

ASSOCIATED SUBJECT COSTS:

Student may be required to cover costs to and from excursions (e.g. Bus fares)