



Kangaroo Island
COMMUNITY EDUCATION

2023 Curriculum Guide



Senior Years (Year 11-12)



Government of South Australia
Department for Education



INTRODUCTION

This booklet is designed to assist parents and students in the Stage 1 (Year 11) and Stage 2 (Year 12) subject selection process.

Subject selection is an exceptionally important process and the key to it is communication so we encourage you to access all the resources provided. Following this, if you still have questions or concerns please contact the school and make an appointment with the relevant staff.

This is an exceptionally important process and many factors need to be taken into consideration and this handbook is not meant to be the only referral point in the process of subject selection.

In the subject selection process the following should be taken in to consideration:

- The student's intended career path and the possible subject requirements of that career path such as pre-requisite subjects or assumed knowledge subjects
- The student's capabilities with intended subjects; this needs to be an honest appraisal
- The student's interest and areas of strength
- Current employment opportunities and job market trends

Other documents that can assist are:

- The SATAC University guide (online) <https://www.satac.edu.au>
- The SATAC TAFE guide (online) <https://www.tafecourses.com.au>
- TAFE and all universities have other documents and information which are available online at the appropriate websites

KICE sources of support and information:

There are a variety of people who you can talk to at the school to assist in this information process; these include:

- KICE Senior Years Leadership Team: Kathryn Harrison, Cameron Stewart, Jodie Trethewey.
- Student Wellbeing Leaders: Bec Vogt and Shaheen Bradford
- Subject specific teachers where relevant.
- Parent and student information evenings
- The individual student, parents and school subject counselling meetings.

Open Access:

It is not possible for KICE, or in fact any school, to offer all the SACE subjects as face to face subjects. While the school has implemented measures to increase our face to face delivery of subjects it is inevitable that some students will still need to enrol in subjects delivered by Open Access College. For further information on Open Access College and the subjects they offer please visit their website: www.openaccess.edu.au.

While enrolled in another school (Open Access College) for these subjects, the students are supported by KICE staff in a variety of ways. This support includes subject and personal counselling, individual subject guidance from teachers, material organisation and provision of extra curriculum resources.



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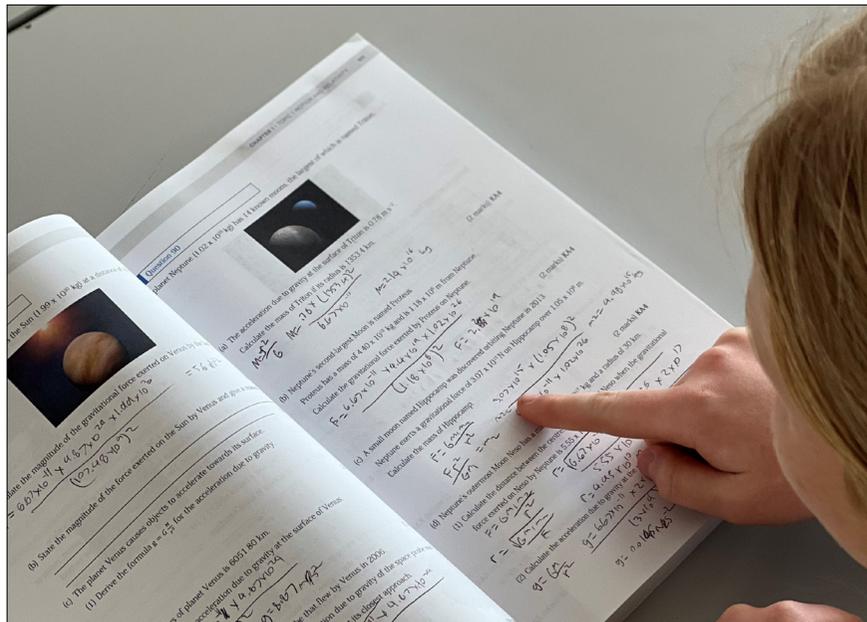
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COUNSELLING PROCEDURES

It is important that students and parents, supported by teachers, are involved in the selection of courses for each student. Details of requirements for each year level are outlined in this guide. Parents are invited to discuss requirements with staff at anytime. 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 a selection according to their individual and career needs.

The course counselling process includes:

- Exploring Identities and Futures (EIF) lessons for students focusing on the course counselling process.
- Information Evenings for parents/caregivers.
- Pathways planning conversations for students and families in Years 10 and 11.
- Intensive course counselling where required for specific groups or individuals (eg, VET students).
- Some re-counselling in Term 4 based on a review of student achievement and subject viability.



SUBJECT VIABILITY

Availability of subjects offered in this guide is dependent on the number of students selecting the subject, access to resources and specialist equipment and staff availability. If a subject chosen by a student does not proceed, the student will be advised and supported to select an alternative subject. It is important to rank subjects according to interest when the initial rounds occur.

MATERIALS AND SERVICES CHARGES

Each year the school prepares the curriculum budgets using the Department for Education Regulations. Within these regulations some subjects incur a subject charge to cover additional costs beyond the standard curriculum delivery and can range from \$10 upwards. Charges are reviewed annually and will be circulated to families in Term 4. Costs may be incurred for camps, excursions and materials.





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INDUSTRY/SUBJECT MATRIX

Here is a rough guide of how your desired industry areas relate to your subject selections. Of course within each industry there are many occupations with differing requirements. The best thing you can do is select a broad range of subjects that will support your Plan A, B and C as best as possible. It is important to note that many skills across these industries cross over, and with the many pathways available to you, this matrix is not the 'be all, end all'. Click on the industry links in the table to find labour market insights.

	English	Maths	Sciences	Humanities	Technical and Applied	Health and Phys Ed	Creative Arts
Accommodation and Food Services	✓	✓		✓	✓		
Administrative and Support Services	✓	✓		✓			
Agriculture, Forestry and Fishing	✓	✓	✓	✓	✓		
Arts and Recreation Services	✓			✓		✓	✓
Construction	✓	✓			✓		
Education and Training	✓	✓	✓			✓	✓
Electricity, Gas, Water, Waste	✓	✓	✓		✓		
Financial and Insurance Services	✓	✓					
Health Care and Social Assistance	✓	✓	✓		✓	✓	
Information, Media and Telecommunications	✓	✓	✓		✓		
Manufacturing	✓	✓			✓		
Mining	✓	✓	✓	✓	✓		
Other Services	✓			✓	✓	✓	✓
Professional, Scientific, Technical Services	✓	✓	✓	✓	✓		
Public Administration and Safety	✓	✓		✓	✓		
Rental, Hiring and Real Estate Services	✓	✓		✓			
Retail Trade	✓	✓	✓	✓			
Transport, Postal and Warehousing	✓	✓			✓		
Wholesale Trade	✓	✓		✓	✓		



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WHAT'S ON THE HORIZON?

Students at KICE face a future beyond school that looks very different to what the world looks like today. We need to prepare today's students for exciting opportunities and uncertain times ahead. Future jobs are increasingly likely to require more creative and critical thinking skills and less routine manual labour.

Yet something new is also happening: Jobs increasingly need us to use 'soft skills' (i.e. the things that are uniquely human), such as our interpersonal skills, creativity, care for others and collaboration.

PATHWAY PLANNING

Research shows that students who select a pathway that is relevant to them are much more likely to engage positively with learning.

Students have access to career information through the Exploring Identities and Futures (EIF) process, [a

compulsory component of the SACE completed in Year 10].

The purpose of the EIF is to encourage students to develop the skills and understandings required to succeed in senior school and beyond. Students explore the connection between their interests, abilities, learning styles and employment pathways.

It is important that parents and students consider all options available and do not simply opt for a default university pathway. Students choosing the University Pathway need to understand that they will be required to commit to many hours of independent study, both in Year 11 and 12, then at University and beyond. Students who select a University Pathway should achieve at least a B average to ensure entrance to and success at University.

If a student is uncertain or cannot decide on a direction or pathway then the school will provide assistance. An interim pathway can be designed that provides flexibility for the student but can be altered over time if required. However, every student needs a pathway.

CURRICULUM PATHWAYS

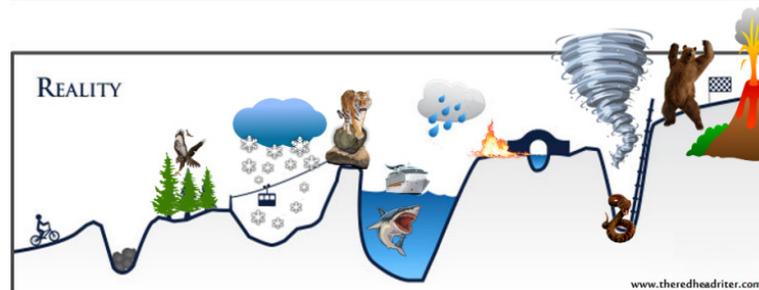
Pathway planning supports students to select a coherent group of subjects that build skills, competencies and knowledge in specific areas.

Because the pathways are very broad they do not prevent students from changing directions if their career or study interests change over time. Many of the same subject selections can be found in the university, TAFE and employment pathways. From these broad groupings students select a pathway that leads to a career or study area.

For example, students taking a university pathway toward Engineering will need to select Maths and Physics courses. There may also be some Technologies courses and VET options that support the practical learning that is an advantage in this area. VET Certificate III can be included in a student's ATAR.

The Key Options are:

- **Preparing for entry to a University degree**
- **Preparing for entry to TAFE and other training providers**
- **Preparing for entry to Apprenticeships or Traineeships**
- **Preparing for entry into the Defence Force or the Police or Emergency Services**
- **Preparing for entry into employment or start-up entrepreneurial opportunities.**





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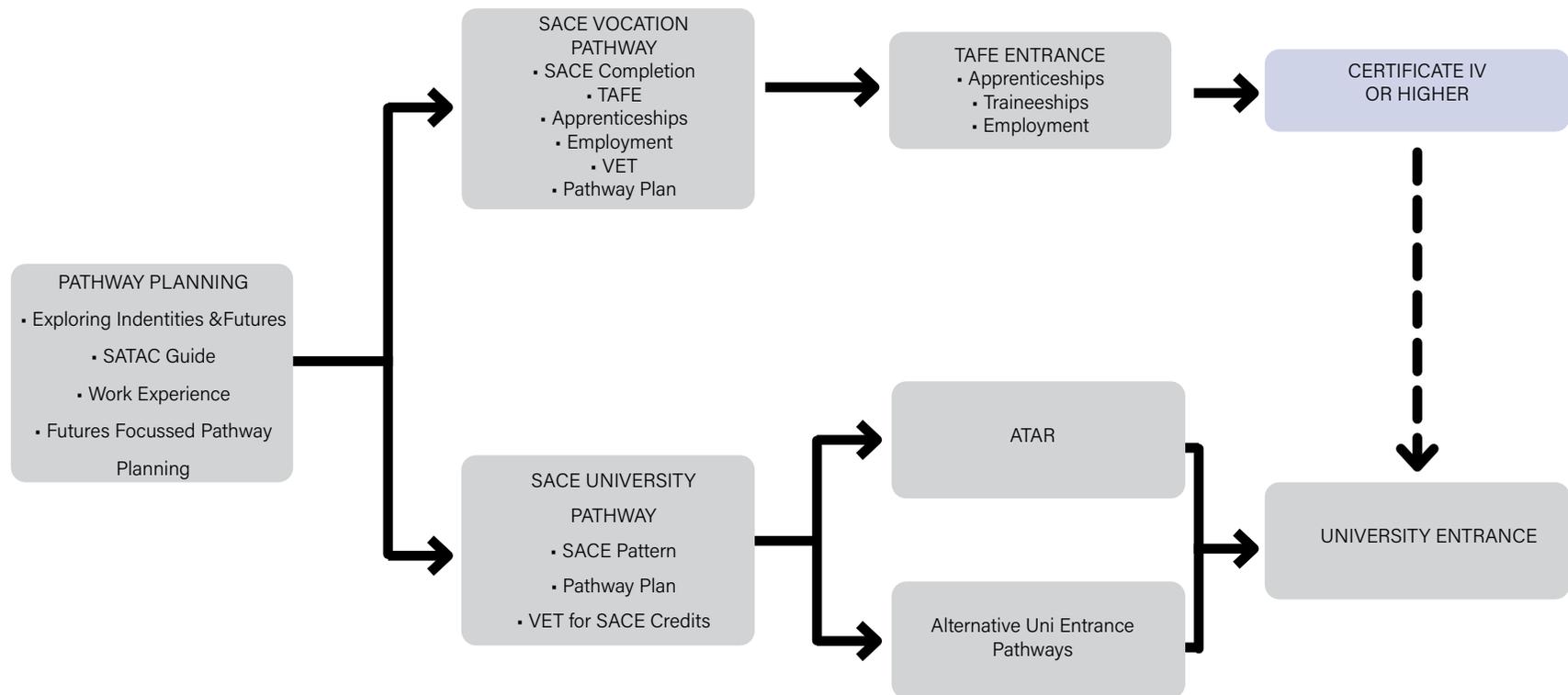
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There are a number of Compulsory Requirements in the SACE. Students have to complete these requirements with a C grade or better or they will not be awarded the SACE or be eligible for an Australian Tertiary Admissions Ranking (ATAR).

Exploring Identities and Futures

Exploring Identities and Futures (EIF) is a compulsory 10 credit subject. Students must complete this subject with at least a C grade or they will not be awarded the SACE or be eligible for an ATAR.

Literacy Stage 1

Students must complete 20 credits of literacy at a C level or better to be awarded the SACE and to be eligible for an ATAR. This is achieved by studying 2 semesters of an English or English as an Additional Language course. When selecting a literacy course for the SACE at Stage 1 students need to balance their future pathways with the need to complete this requirement at a minimum C level.

Numeracy Stage 1

Students must complete 10 credits of numeracy at a C level or better to be awarded the SACE and to be eligible for an ATAR. This is achieved by studying at least one semester of Maths. When selecting a numeracy course for the SACE at Stage 1, students need to balance their future pathways with the need to complete this requirement at a minimum C level. Please consult the Requirements for Success carefully before selecting the most appropriate course for your pathway.

Activate IF

Activating Identities and Futures (AIF) is a new compulsory 10-credit subject at Stage 2, replacing Research Project. KICE has been involved in piloting the subject in 2022 and will continue with its implementation in 2023. Students must complete this subject with at least a C minus grade or they will not be awarded the SACE, or be eligible for an ATAR. This subject can be counted as part of the student's ATAR for university entrance.

In AIF, students explore ideas related to an area of personal interest through a process of self-directed inquiry. The purpose of Activating Identities and Futures is for students to take greater ownership and agency over their learning as they select relevant strategies to explore, conceptualise, create and/or plan to progress an area of personal interest towards a learning output. It is connected to the SACE Thrive model of learning.

Stage 2

To achieve the SACE and be eligible for an ATAR, students must successfully complete 4 full year (20 credit) subjects at Stage 2, plus the Exploring Identities and Futures (EIF). All SACE Stage 2 subjects offered at KICE allow students to achieve an ATAR.

Students wishing to select an extra full year Stage 2 subject must apply in writing to the Senior Years Leader outlining the reasons why the additional subject is required. If the subject placement can be accommodated within resources then it is likely to be approved.

Additional Requirements to Complete the SACE

Students must complete a total of 200 credits to be awarded the SACE. The compulsory subjects make up 110 credits. The other 90 credits can be selected from any subjects in Stage One or Two depending on the student's pathway. Students taking a University Pathway will have to study at least 90 credits at Stage 2 (see Stage 2 above). VET subjects can be counted at both Stage 1 and Stage 2 (see VET section). VET students must negotiate their SACE pathways and patterns personally with the Senior Years Leader.

REQUIREMENTS	CREDITS
Year 10	
Exploring Identities & Futures (EIF)	10
Year 11 (Stage 1)	
Literacy (from a range of English subjects and courses)	20
Numeracy (from a range of Mathematics subjects and courses)	10
Year 11 or 12 (Stage 1 or 2)	
Other subjects and courses of the student's choice	Up to 90
Year 12 (Stage 2)	
Activating Identities & Futures (AIF)	10
Other Stage 2 subjects and courses	60 or more
Total	200

- Other subjects and courses
- Stage 1 compulsory subjects and courses
- Stage 2 compulsory subjects and courses



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UNIVERSITY AND TAFE ENTRANCE IN THE SACE

Once students have met the requirements for the SACE, and providing they have selected four 20 Credit Stage 2 subjects approved for tertiary entrance, then students are eligible for an Australian Tertiary Admission Rank (ATAR). The scores that students achieve in their four 20 Credit Stage 2 subjects and Exploring Identities & Futures (EIF) determine the ATAR and therefore consideration for university courses.

Some universities interstate and overseas may have specific entrance requirements for courses. Students should check the relevant websites or contact the admissions departments directly.

TAFE SA recognises the SACE as meeting the entry requirements for most of its courses. It also considers a variety of other qualifications and experiences in its entry and selection processes. Therefore, students need to research these requirements before confirming their subject selections.

One of the most significant changes for students at Stage 1 is that once they have satisfied the Literacy and Numeracy requirements they choose their remaining subjects based on the pathway they intend to pursue through Senior School to employment, training or further study. At KICE all Year 11 students are required to study a minimum of 6 subjects in each semester giving them a possible 120 credits from this year. This increases students' choices and options for Stage 2 and beyond.

Australian Tertiary Admission Rank (ATAR)

ATAR Basics

If you are wanting to go to university straight after Year 12, it is recommended you gain an Australia Tertiary Admissions Rank (ATAR).

The ATAR is a number between 0.00 and 99.95 that indicates your position relative to other students. It is a rank, not a score or mark out of 100. So, an ATAR of 80.00

means that you are 20 per cent from the top of your cohort.

Universities use the ATAR to help them select students for their courses, and admission to most tertiary courses is based on your selection rank (your ATAR, and any applicable adjustments).

Many universities also use other criteria when selecting students (eg: a personal statement, a questionnaire, a portfolio of work, an audition, an interview or a test).

Scaling

Scaling is a process based on a rigorous and unbiased mathematical model that allows a comparison to the performance of students in every possible combination of subjects. The data produced by scaling shows us how scores in one subject relate to scores in other subjects, enabling fair and accurate comparisons of student performance. The underlying principle of scaling is that you should be neither advantaged nor disadvantaged by choosing one combination of courses over another.

Myth	Fact
 <p>Some courses are always 'scaled up', therefore I should study those.</p>	<p>The way a course is scaled depends entirely on the average academic performance of all the students doing that course that year – and it can change from year to year. For most courses, your scaled mark will be lower than your SACE mark. To get the best possible position and maximise your scaled marks, select the courses you'll do you best in.</p>
<p>-----</p>  <p>Some courses are always 'scaled down', therefore I should avoid those.</p>	
 <p>I need to study 'hard' subjects to get high scaled marks.</p>	
 <p>I should study Mathematics Standards 2 rather than Mathematics Advanced to get a better ATAR.</p>	<p>It is very difficult to predict which course will lead to a higher scaled mark. Your scaled mark depends on the average academic ability of the students studying that course and your position in the course. When considering which maths course to study. Remember that some university courses have a prerequisites or assumed knowledge of Mathematics Advanced. It's important to choose the level of maths that best suits your plans for further study.</p>



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VET AGRICULTURE/RURAL OPERATIONS

Intended to deliver in Partnership with an Registered Training Organisation.

VET: Competencies from Rural Operations, providing successful completion of the competencies

The nationally recognised competencies undertaken will be negotiated with TAFESA on a yearly basis.

In choosing the Rural Vocational Pathway you will get opportunities to:

- Study and work with others with similar interests
- Experience practical and theory based training
- Become work ready
- Explore different career possibilities
- Link with the local Agricultural industry and undertake work placement

University Pathways: Bachelor of Science (Agricultural Science), Bachelor of Agriculture, Bachelor of Science (Animal Science).

TAFE Pathways: Agriculture, rural business management, aquaculture, forest and forest products.

Career Options: Farm management, dairy supervisor, agriculture workers, conservation and land management, rural business workers and managers, horse industry workers horticulture industry workers, animal care workers.

Skills for All: Upon completion of relevant VET courses, students can apply for further training in the following qualifications:

- Certificate III in Conservation and Land Management
- Certificate III in Agriculture
- Certificate III in Horticulture
- Certificate III in Rural Operations



OTHER VET PROGRAMS

School Based Apprenticeships and Traineeships (SBAT's)

This program enables Stage 1 or 2 students to complete their SACE, obtain industry recognised units of work while being paid for their on-the-job training. Students attend school for 2-5 days and work 1-3 days a week. They are employed for between 10 and 15 hours per week with 3 hours per week allocated to structured training in the workplace. This option is not recommended for students wanting tertiary entrance.

How do I get more information?

- Visit the Trade Schools For The Future web page: www.tradeschoolsforthefuture.sa.edu.au
- Contact Senior Years Leader Cameron Stewart at cameron.stewart16@schools.sa.edu.au

Visit the SACE Board web site:

<https://www.sace.sa.edu.au/web/vet/vet-stories>

Watch out for regional information evenings, related industry visits and VET program sessions.





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CHEMISTRY

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YEAR 11 STAGE 1 CREATIVE ARTS

SACE Code: 1CVA20
Duration: 2 Semesters

Course Overview:

In Creative Arts, students have opportunities for specialised study within and across those arts disciplines that are offered as subjects within the SACE — that is, Dance, Drama, Music, and Visual Arts. In their study of Creative Arts, students have opportunities to make connections with vocational education and training (VET) courses.

By working productively within or across the performing, visual, screen, and literary arts, students learn to synthesise aspects of various arts disciplines, as well as to maintain the integrity of those disciplines. Students actively participate in the development and presentation of creative arts products. These may take the form of, for example, musicals, plays, concerts, visual artefacts, digital media, film and video, public arts projects, community performances, presentations and installations, and vocal groups or other ensembles.

Students will:

Actively participate in the development and presentation of creative arts products – musicals, plays or concerts.

Study the work of performing arts practitioners to gain an in-depth knowledge of the nature of their work and their roles and responsibilities.

Analyse and evaluate performing arts products in different contexts and from various perspectives.

Gain an understanding and appreciation of the ways in which the performing arts contribute to and shape the intellectual, social, and cultural life of individuals and communities.

Record their learning using journals and multimedia.

Assessment Tasks:

Type 1: Product - Develop and present two creative arts products, including a record (50%)

Type 2: Folio - Undertake two inquiries and one skills assessment (50%)

YEAR 12 STAGE 2 CREATIVE ARTS

SACE Code: 2CVA20
Duration: 2 Semesters

Course Overview:

Stage 2 Creative Arts is an opportunity for teachers, in negotiation with students, to tailor a program to meet local needs or interests in a way that cannot be met solely through any other subject in the Arts Learning Area or another subject offered within the SACE. It is an opportunity to focus on an aspect, or to combine aspects, of one or more SACE subjects in the creative arts, within a single subject.

For both a 10 credit subject and a 20 credit subject, it is recommended that the following areas of study are covered:

- Creative Arts Process
- Development and Production
- Concepts in Creative Arts Disciplines
- Creative Arts in Practice.

Students will:

Actively participate in the development and presentation of creative arts products – musicals, plays or concerts.

Critically analyse the roles and responsibilities of creative arts practitioners (e.g. actors, choreographers, sound and lighting technicians) and the key features and intent of their works.

Critically analyse and evaluate performing arts products in different contexts and from various perspectives.

Gain an understanding and appreciation of the ways in which the performing arts contribute to and shape the intellectual, social, and cultural life of individuals and communities.

Record their learning using journals and multimedia.

Assessment Tasks:

(School Assessment – 70%)

Type 1: Product - Develop and present two creative arts products, including a folio of evidence. (50%)

Type 2: Inquiry - Undertake two inquiries into an area of interest in creative arts practice. (20%)

(External Assessment – 30%)

Type 3: Practical Skills - Undertake one practical skills assessment to explore, apply and evaluate a skill that is relevant to their preferred area within the performing arts. (30%)





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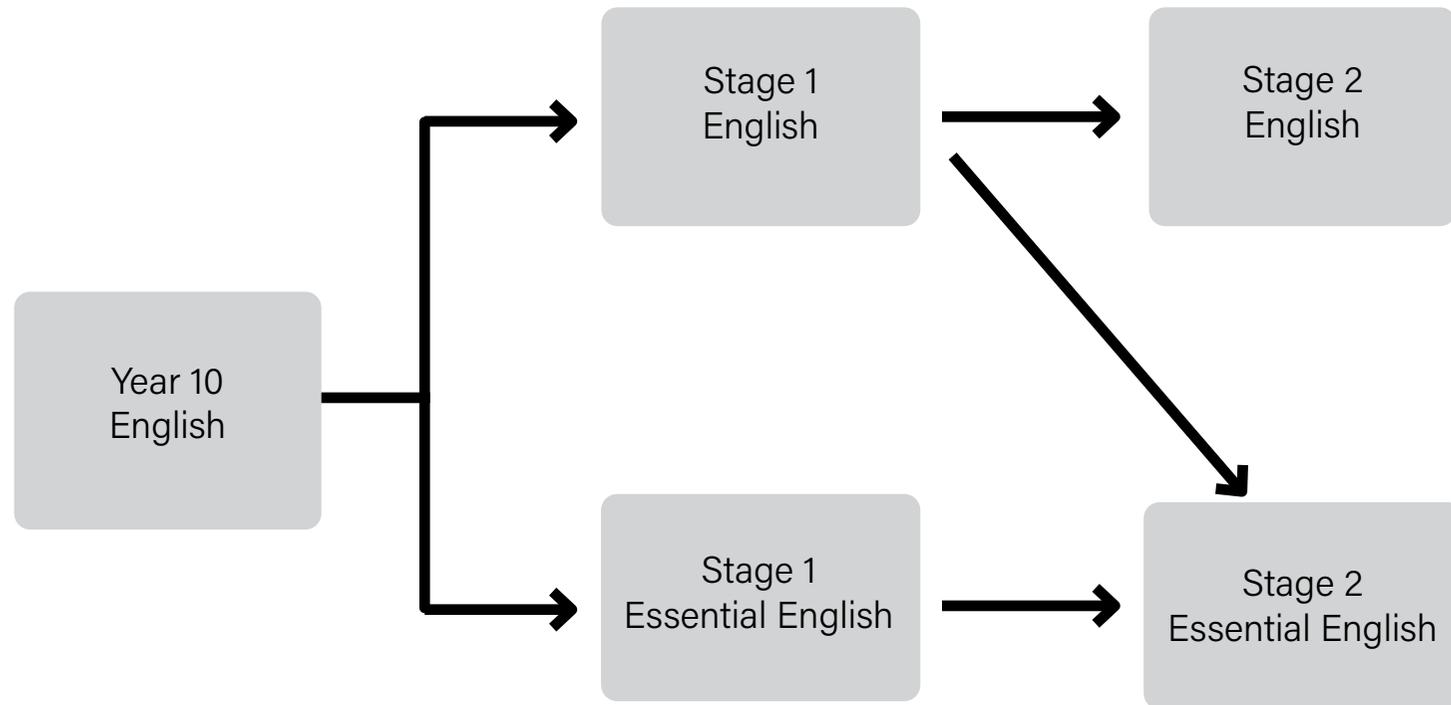
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**YEAR 11 STAGE 1
ENGLISH**

SACE Code: 1ESH20
Duration: 2 Semesters

Course Overview:

English is studied as two 10-credit subjects at Stage 1. In these courses, students analyse the interrelationship between author, text, and audience, considering how language and style shape ideas and perspectives. Students explore how the purpose of a text is achieved through application of conventions, and how creators position the audience to respond to ideas in texts. Students have opportunities to reflect on their personal values and those of other people by responding to a range of texts.

They apply their understanding by creating their own imaginative, analytical, and persuasive texts that may be written, oral, and/or multimodal.

Stage 1 English consists of the following three learning areas:

Responding to Texts

Students examine a range of texts and make intertextual connections. They learn to recognise purpose, context, and audience, and analyse language and stylistic choices.

Students explore the ideas, perspectives, and influences expressed in texts and how these shape their own and others' ideas and perspectives.

Creating Texts

Students create texts for different purposes, contexts, and audiences in written, oral, and/or multimodal forms. They learn to write in the appropriate mode and style for a chosen text type.

Students are expected to use accurate spelling, punctuation, syntax, and conventions.

Intertextual Study

Students reflect on their understanding of intertextuality by:

- analysing the relationships between texts, or
- demonstrating how knowledge of other texts has influenced the creation of their own texts.

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 1 English:

Assessment Type 1: Responding to Texts

Assessment Type 2: Creating Texts

Assessment Type 3: Intertextual Study

In each 10-credit subject, students provide evidence of their learning through four assessments, at least one in each type. At least one assessment should be an oral or multimodal presentation, and at least one should be in written form. Each assessment should have a weighting of at least 20%.

**YEAR 12 STAGE 2
ENGLISH**

Stage 2: 2ESH20
Duration: 2 Semesters

Course Overview

Assumed knowledge

It is assumed that students have successfully completed Stage 1 English and can independently produce clear and coherent written and spoken texts.

English is a 20-credit subject at Stage 2.

In this subject, students are expected to:

1. analyse the relationship between purpose, context, and audience in a range of texts
2. evaluate how language and stylistic features and conventions are used to represent ideas, perspectives, and aspects of culture in texts
3. analyse how perspectives in their own and others' texts shape responses and interpretations
4. create and evaluate oral, written, and multimodal texts in a range of modes and styles
5. analyse the similarities and differences in texts
6. apply clear and accurate communication skills.

Content

The content includes:

- Responding to Texts
- Creating Texts
- Comparative Analysis
- Responding to Texts

Students demonstrate a critical understanding of the language features, stylistic features, and conventions of particular text types, and identify the ideas and perspectives conveyed by texts. This includes how language conventions influence interpretations of texts, and how omissions and emphases influence the reading and meaning of a text. Students reflect on the purpose of the text and the audience for whom it was produced.

Creating Texts

Students create a range of texts for a variety of purposes. By experimenting with innovative and imaginative language features, stylistic features, and text conventions, students develop their personal voice and perspectives. They demonstrate their ability to synthesise ideas and opinions and develop complex arguments.

Assessment:

School Assessment (70%)

Assessment Type 1: Responding to Texts (30%)

Assessment Type 2: Creating Texts (40%)

Assessment Type 3: Comparative Analysis (30%).

For a 20-credit subject, students should provide evidence of their learning through eight assessments, including the external assessment component.

Students complete:

- three responses to texts
- four created texts (one of which is a writer's statement)
- one comparative analysis.

**YEAR 11 STAGE 1
ESSENTIAL ENGLISH**

SACE Code: 1ETE20
Duration: 2 Semesters

Course Overview:

Essential English is studied as two 10-Credit subjects at Stage 1, in line with the compulsory Literacy credits students must achieve to attain their SACE.

In Essential English literacy skills are developed through a focus on comprehending and creating written, spoken, visual, and digital texts, and using and modifying language for different purposes in a range of social and cultural contexts, including study, work, and community life. Essential English develops an awareness of the sociocultural aspects of language in social, community, workplace, and/or imagined contexts.

Stage 1 Essential English consists of the following two learning areas:

Responding to Texts

Students consider 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. Engagement with a wide range of texts enables students to comprehend and interpret information, ideas, and perspectives in texts. They locate and extract information and ideas, Students examine and respond to how language is used in social, cultural, community, workplace, and/or imagined contexts. They identify and develop an understanding of ways in which: language is used and composed for different purposes, audiences, and contexts structural and language features are used to create meaning.

Creating Texts

Students develop their skills in using appropriate vocabulary, accurate spelling, punctuation, and grammar to enable effective communication. They create a range of texts using appropriate language features, content, and mediums for different purposes, audiences, and contexts.

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 1 Essential English:

Assessment Type 1: Responding to Texts

Assessment Type 2: Creating Texts

For each 10-credit subject, students provide evidence of learning through four assessment tasks. At least one Responding to Texts task and one Creating Texts task will be completed per 10-credit subject. Each assessment type will have a weighting of at least 20%. A total of eight assessments will be completed across the year.

**YEAR 12 STAGE 2
ESSENTIAL ENGLISH**

SACE Code: 2ETE20
Duration: 2 Semesters

Course Overview:

Assumed knowledge:

It is assumed that students have successfully completed Stage 1 Essential English and can independently produce clear and coherent written and spoken texts. Essential English is a 20-credit subject at Stage 2.

Students who complete 20 credits of Stage 2 Essential English with a C grade or better will also meet the literacy requirement of the SACE.

In this subject, 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.

Content

The content includes:

Responding to Texts, Creating Texts, Language Study
Responding to Texts
Students respond to a range of texts that instruct, engage, challenge, inform, and connect readers. They consider information, ideas, and perspectives represented in the chosen texts.

Creating Texts

Students create procedural, imaginative, analytical, interpretive, or persuasive texts appropriate to a context.

Language Study

The language study focuses on the use of language by people in a context outside of the classroom. Students reflect on the strategies and language used to communicate in a specific context.

Assessment:

School Assessment (70%)

Assessment Type 1: Responding to Texts (30%)

Assessment Type 2: Creating Texts (40%)

External Assessment (30%)

Assessment Type 3: Language Study (30%)

Students provide evidence of their learning through seven assessments, including the external assessment component. Students complete: three assessments for Responding to Texts
three assessments for Creating Texts (including 1 x compulsory Advocacy task)
one Language Study.



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YEAR 11 STAGE 1 PHYSICAL EDUCATION

SACE Code: 1PHD20
Duration: 2 Semesters

Course Overview:

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 Education supports deep learning 'in, through and about' physical activity, through the exploration of movement concepts and strategies within physical activity contexts. Physical activities can include sports, theme-based games, fitness and recreational activities. Classes can undertake a learning and assessment program using a single focus approach (e.g., single sport) or can undertake multiple sports, games and/or activities.

Student learning is centred around the following focus areas;

Focus Area 1: In Movement
Applying skill acquisition concepts for improvement
Movement concepts and strategies
Application of energy sources affecting physical performance
Application of the effects of training on physical performance

Focus Area 2: Through Movement
Physiological barriers and enablers to participation
Social strategies to manipulate equity in participation
Personal influence on participation

Focus Area 3: About Movement
The body's response to physical activity
The effect of training on the body
Learning and refining skills

Assessment: (10-credit, or per semester)
The following assessment types enable students to demonstrate their learning:
School assessment (100%)
Assessment Type 1: Performance in Improvement
Assessment Type 2: Physical Activity Investigation
Two assessments
Each assessment type is worth 50% of the overall grade for each semester.

YEAR 12 STAGE 2 PHYSICAL EDUCATION

SACE Code: 2PHD20
Duration: 2 Semesters

Course Overview:

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 Education supports deep learning 'in, through and about' physical activity, through the exploration of movement concepts and strategies within physical activity contexts.

Physical activities can include sports, theme-based games, fitness and recreational activities. Classes can undertake a learning and assessment program using a single focus approach (e.g., single sport) or can undertake multiple sports, games and/or activities. Student learning is centred around the following focus areas;

Focus Area 1: In Movement
Application of energy sources affecting physical performance.
Application of the effects of training on physical performance how does biomechanics affect physical activity and movement?
Practical application of learning theories
Psychology of sporting performance
Movement concepts and strategies

Focus Area 2: Through Movement
Social psychology
Psychology of sporting performance
Barriers and enablers to physical activity

Focus Area 3: About Movement
Energy sources affecting physical performance
Physiological factors affecting performance
The effects of training on physical performance
Technical developments in biomechanics
Psychological motor learning theories
The learning process
The learning journey

Assessment:
The following assessment types enable students to demonstrate their learning:
School assessment (70%)
Assessment Type 1: Diagnostics (30%)
Assessment Type 2: Improvement Analysis (40%)
External assessment (30%)
Assessment Type 3: Group Dynamics
Two or three 'Diagnostics' tasks
One 'Improvement Analysis' task
One 'Group Dynamics' task

YEAR 11 STAGE 1 HEALTH & WELLBEING

SACE Code: 1HEH20
Duration: 2 Semesters

Course Overview:

Students develop the knowledge, skills and understandings required to explore and understand influences and make decisions regarding health and wellbeing. They consider the role of health and wellbeing in different contexts and explore ways of promoting positive outcomes for individuals, communities and global society.

Content: Health is a state of physical, mental, and social wellbeing. Wellbeing is a complex combination of all dimensions of health and is an implicit element of health. Health and wellbeing is an evolving subject with varying contexts and perspectives. The term health encompasses wellbeing.

Stage 1 consists of the following concepts:

Health Literacy
Health Determinants
Social Equity
Health Promotion

Assessment:

For a 10-credit subject, students provide evidence of their learning through three assessments. Students undertake one or more:

Practical action task(s)
Issue inquiry task(s)

For a 20-credit subject, students provide evidence of their learning through six assessments. Students undertake two or more:

Practical action tasks
Issue inquiry tasks

*Updated curriculum is still in draft format

YEAR 12 STAGE 2 HEALTH & WELLBEING

SACE Code: 2HEH20
Duration: 2 Semesters

Course Overview:

Students develop the knowledge, skills and understandings required to explore and analyse influences and make informed decisions regarding health and wellbeing. They consider the role of health and wellbeing in various contexts and explore ways of promoting positive outcomes for individuals, communities and global society.

Content: Stage 2 Health and Wellbeing is a 20-credit subject that consists of the following concepts:

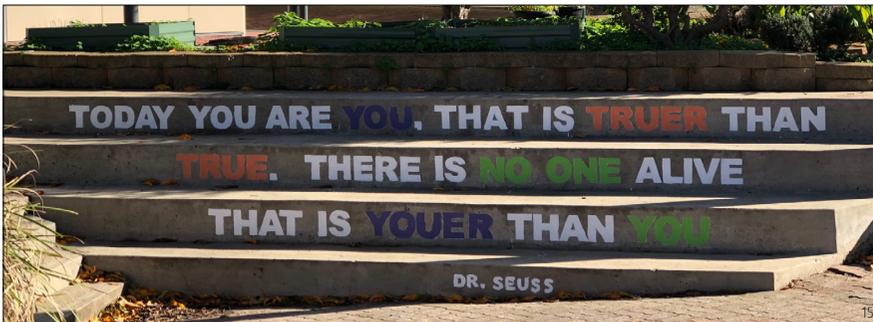
Health Literacy
Health Determinants
Social Equity
Health Promotion.

Students become agents of change who may be independent and collaborative learners, critical and creative thinkers of their own and others perspective.

Assessment :

The following assessment types enable students to demonstrate their learning in Stage 2 Health and Wellbeing.

School assessment (70%)
Assessment Type 1: Initiative (40%)
Assessment Type 2: Folio (30%)
External assessment (30%)
Assessment Type 3: Inquiry (30%).
Students provide evidence of their learning through five assessments, including the external assessment component. Students complete:
two initiative tasks, one of which should be collaborative
two folio tasks one inquiry.





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**YEAR 11 STAGE 1
OUTDOOR EDUCATION**

SACE Code: 20UE20
Duration: 2 Semesters

Course Overview:

Through study of three focus areas: environment and conservation, planning and management, and personal growth and development, students develop skills and understanding in preparation and planning for outdoor journeys, consideration of risk management and conservation practices, and develop team work and practical outdoor skills.

Learning experiences take place in a variety of geographical locations to enable students to develop an appreciation of their place in natural environments. Learning Framework

Focus Area 1: Environment and Conservation
Students transfer their understanding and appreciation of natural environments in local areas through practical opportunities to interact with the environment, and consider appropriate actions and strategies that support conservation, sustainability and minimise human impacts.

Focus Area 2: Planning and Management of outdoor activities and journeys.
Students apply planning skills to support positive outdoor experiences in nature for themselves and others, through consideration of safety and risk management practices.

Focus Area 3: Personal growth and development
Through learning in natural environments, students develop personal meaning, and a ppreciation of the role of natural environments in providing life perspective. Learning experience in natural environments enable students to evaluate and reflect on their own learning progression and skills development, as well as their relationship with nature.

Assessment:

The following assessment types enable students to demonstrate their learning:
Assessment Type 1: About Natural Environments
Assessment Type 2: Experiences in Natural Environments
For 10-credit subject (each semester)
One or Two About Natural Environments' tasks
Two 'Experiences in Natural Environments' tasks

Please note: this subject incurs additional fees for excursions and camps.

**YEAR 12 STAGE 2
OUTDOOR EDUCATION**

SACE Code: 20UE20
Duration: 2 Semesters

Course Overview:

Through study of three focus areas: environment and conservation, planning and management, and personal growth and development, students develop skills and understanding in preparation and planning for outdoor journeys, consideration of risk management and conservation practices, and develop team work and practical outdoor skills.

Learning experiences take place in a variety of geographical locations to enable students to develop an appreciation of their place in natural environments. Learning Framework

Focus Area 1: Conservation and sustainability
Learning experiences in nature shape students' understanding of environmental systems and issues and enhance their decision-making about conservation and sustainability. Students develop their understanding of a range of different perspectives on the natural environment. Students transfer their understanding and appreciated of natural environments in local areas through practical opportunities.

Focus Area 2: Human connections with nature
Students explore and connect with nature and develop relationships that promotes conservation, sustainability, personal growth and development. Students apply planning, leadership skills to support positive outdoor experiences in nature for others, through consideration of safety and risk management, decision making, reflective and collaborative practices.

Focus Area 3: Personal growth and development
Through learning in natural environments, students develop personal meaning, and appreciation of the role of natural environments in providing life perspectives. Learning experiences in natural environments enable students to evaluate and reflect on their own learning progression and skills development, and on their collaborations with and leadership of others as well as their relationship and connection with nature.

Assessment:

The following assessment types enable students to demonstrate their learning:
School assessment (70%)
Assessment Type 1: About Natural Environments (20%)
Assessment Type 2: Experiences in Natural Environments (50%)
External assessment (30%)

Assessment Type 3: Connections with Natural Environments (30%)

One or two 'About Natural Environments' tasks
Two 'Experiences in Natural Environments' tasks
One 'connections with Natural Environments tasks'
Please note: this subject incurs additional fees for excursions and camps.

**YEAR 11 STAGE 1
FOOD & HOSPITALITY**

Code: 1FOH20
Duration: 2 Semesters

Course Overview:

The food and hospitality industry is dynamic and changing. In Stage 1 Food and Hospitality, students examine some of the factors that influence people's food choices and the health implications of those choices. They also gain an understanding of the diversity of the food and hospitality industry in meeting the needs of local people and visitors.

Students may be required to participate in activities outside school hours, both within the school and in the wider community.

There are five areas of study in Stage 1 Food and Hospitality, as described below.

1. Food, the individual, and the Family
2. Local and Global Issues in Food and Hospitality
3. Trends in Food and Culture
4. Food and Safety
5. Food and the Hospitality Industry

Assessment:

Assessment Type 1: Practical Activity
Assessment Type 2: Group Activity
Assessment Type 3: Investigation.

**YEAR 12 STAGE 2
FOOD & HOSPITALITY**

Code: 2FOH20
Duration: 2 Semesters

Course Overview:

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.

Students may be required to participate in activities outside school hours, both within the school and in the wider community.

There are five areas of study in Stage 2 Food and Hospitality, as described below.

1. Contemporary and Future Issues
2. Economic and Environmental Issues
3. Political and Legal Influences
4. Sociocultural Influences
5. Technological Influences

Assessment:

School Assessment (70%)
• Assessment Type 1: Practical Activity (50%)
• Assessment Type 2: Group Activity (20%)
External Assessment (30%)
• Assessment Type 3: Investigation (30%).





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**YEAR 11 STAGE 1
ANCIENT STUDIES**

SACE Code: 1ANT20
Duration: 2 Semesters

Course Overview:

In Ancient Studies, students learn about the history, literature, society, and culture of ancient civilisations, which may include those of Asia–Australia, the Americas, Europe, and Western Asia/North Africa, and the classical civilisations of Greece and Rome. They consider the environmental, social, economic, religious, cultural, and aesthetic aspects of societies.

Contemporary societies have a long heritage based on civilisations of the past. The study of ancient cultures, therefore, enables students to explore the universality and diversity of human experience and enhance their own cultural and intercultural understanding. Stage 1 Ancient Studies has one compulsory topic and five additional topics.

Compulsory topic

Topic 1: Understanding ancient history.

Additional topics

Topic 2: Art, architecture, and technology

Topic 3: Warfare and conquest

Topic 4: Social structures, slavery, and everyday life

Topic 5: Beliefs, rituals, and mythology

Topic 6: Creative representations

Assessment:

Skills and Applications Assessments (50%): Students will undertake at least two Skills and Application Assessments to develop their inquiry skills and research selected ideas, individuals, groups, institutions, social systems, events, and/or artefacts of the ancient world.

Inquiry Assessments (50%): Students will undertake at least two Inquiry Assessments based on an extension of the material covered in class, or a study of an aspect of a different ancient society or culture.

**YEAR 12 STAGE 2
ANCIENT STUDIES**

SACE Code: 2ANT20
Duration: 2 Semesters
NOT AVAILABLE IN 2023

Course Overview:

In Ancient Studies, students learn about the history, literature, society, and culture of ancient civilisations, which may include those of Asia–Australia, the Americas, Europe, and Western Asia/North Africa, and the classical civilisations of Greece and Rome.

In Ancient Studies, students draw on many other fields of study. They consider the environmental, social, economic, religious, cultural, and aesthetic aspects of societies. Students also explore the ideas and innovations that shape and are shaped by societies.

Students critically engage with texts, including literary texts, and analyse archaeological sources, and primary and secondary historical sources. Students develop the inquiry skills that enable them to challenge or confirm beliefs, attitudes, and values in the ancient world.

Topics:

Topic 1: Daily life

Topic 2: Military conflict

Topic 3: Political power and authority

Topic 4: Religion

Topic 5: Material culture

Topic 6: Literature — prose, narrative, or epic

Topic 7: Literature — drama and poetry.

Assessment:

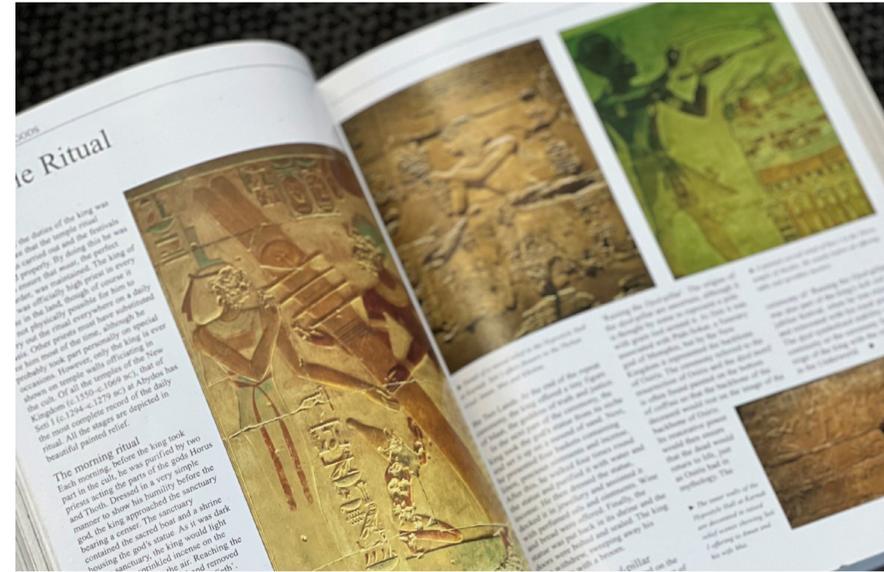
School assessment (70%)

-Assessment Type 1: Skills and Applications (50%)

-Assessment Type 2: Connections (20%)

External assessment (30%)

-Assessment Type 3: Inquiry (30%)





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STAGE 1 EXPLORING IDENTITIES & FUTURES

SACE Code: 1EIF10
Duration: 1 Semester

This subject compulsory in Semester 1 in Year 10

Course Overview:

This course allows students to develop a pathway to thrive by exploring who they are and who they want to be. It supports students to learn more about themselves and their place in the world, and enables them to explore and deepen their sense of belonging, identity and connections to the world around them.

Course Content

Students focus on exploring and building connection with their peers, culture, community and work. This subject prepares students for their SACE journey, as well as the knowledge, skills and capabilities required to be lifelong learners.

Assessment:

Exploring your past, present and future (50%)
Putting your capabilities into action (50%)

STAGE 2 ACTIVATING IDENTITIES & FUTURES

SACE Code: 2AIF10
Duration: 1 Semester

This subject compulsory in Semester 1 in Stage 1

Course Overview:

Assumed Knowledge:
It is expected that students have completed their PLP or Exploring Identities and Futures. Activating Identities and Futures is a compulsory element of the SACE, replacing the Research Project, which students must complete with a C minus grade or higher. Students explore ideas related to an area of personal interest through a process of self-directed inquiry.

Assessment:

(As this subject is continuing to be piloted in 2023, some changes may occur to the assessment and weightings outlined below)

School Based:

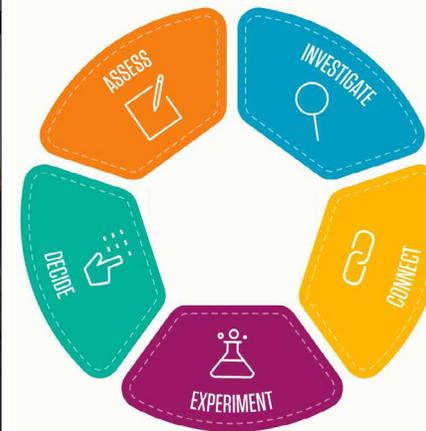
Portfolio 35%

Progress Checks 35%

External:

Appraisal 30%

Notes: This is a compulsory subject of the SACE in which students must achieve a C- grade or better. It is designed to be completed in 1 Semester. This subject can be counted as part of the student's ATAR for university entrance.





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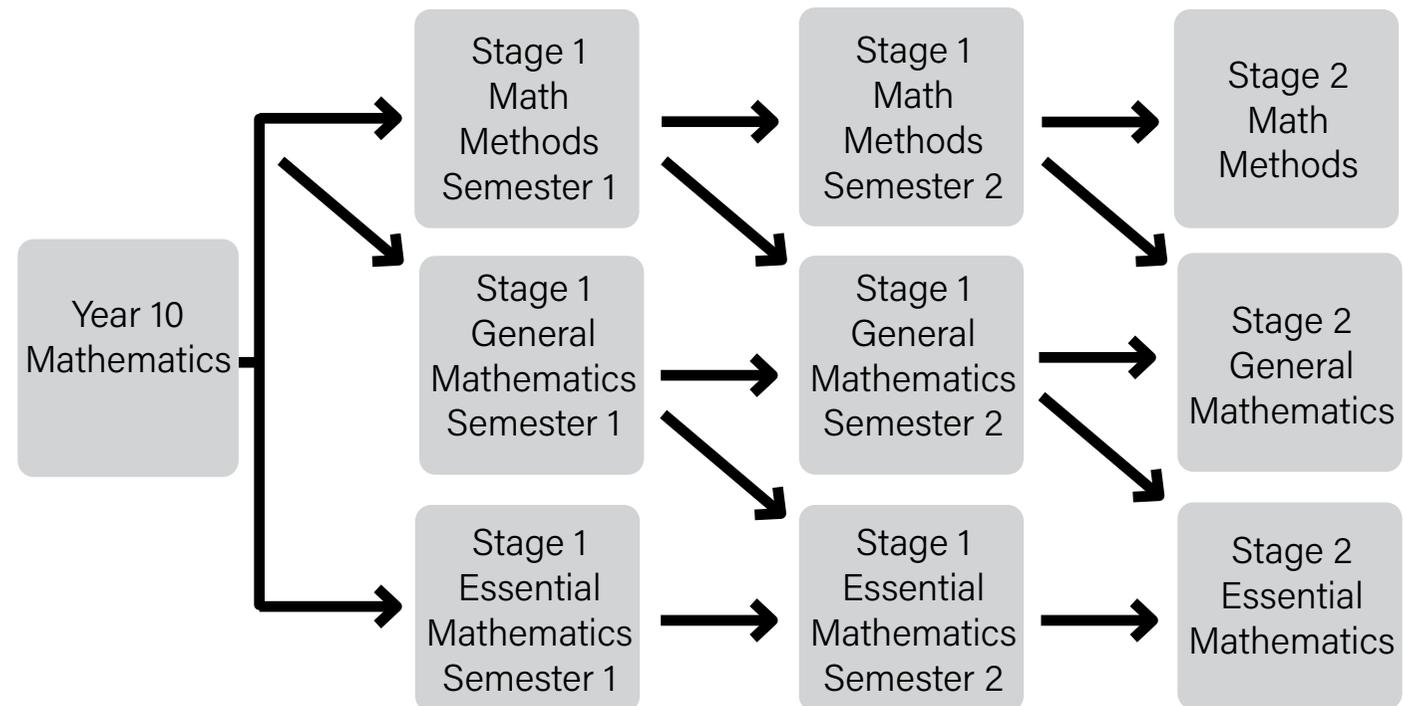
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**YEAR 11 STAGE 1
ESSENTIAL MATHEMATICS**

SACE Code: 1MEM20
Duration: 2 Semesters

Course Overview: Essential Mathematics is a 10-credit subject or a 20-credit subject at Stage 1, and a 20-credit subject at Stage 2.

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.

Stage 1 Essential Mathematics consists of the following seven topics:

- Topic 1: Calculations, Time, and Ratio
- Topic 2: Earning and Spending
- Topic 3: Geometry
- Topic 4: Data in Context
- Topic 5: Measurement
- Topic 6: Investing
- Topic 7: Open Topic

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 1 Essential Mathematics:

- Assessment Type 1: Skills and Applications Tasks
- Assessment Type 2: Folio

For a 10-credit subject, students provide evidence of their learning through four assessments. Each assessment type should have a weighting of at least 20%.

Students undertake:
at least two skills and applications tasks
at least one folio task.

For a 20-credit subject, students provide evidence of their learning through eight assessments. Each assessment type should have a weighting of at least 20%.

Students undertake: at least four skills and applications tasks at least two folio tasks.

Stage 1 Mathematics consists of the following list of twelve topics:

- Topic 1: Functions and graphs
- Topic 2: Polynomials
- Topic 3: Trigonometry
- Topic 4: Counting and Statistics
- Topic 5: Growth and Decay

Topic 6: Introduction to Differential Calculus

Topic 7: Arithmetic and Geometric Sequences and Series

Topic 8: Geometry

Topic 9: Vectors in the Plane

Topic 10: Further Trigonometry

Topic 11: Matrices

Topic 12 Real and Complex Numbers.

**YEAR 12 STAGE 2
ESSENTIAL MATHEMATICS**

SACE Code: 2MEM20
Duration: 2 Semesters

Course Overview:

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.

Students who complete this subject with a C–better will meet the numeracy requirement of the SACE.

Stage 2 Essential Mathematics consists of the following five topics:

- Topic 1: Scales, Plans, and Models
 - Topic 2: Measurement *
 - Topic 3: Business Applications
 - Topic 4: Statistics *
 - Topic 5: Investments and Loans *
- (* = examinable subjects)

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 2 Essential Mathematics:

- School Based:
- Assessment Type 1: Skills and Applications Tasks – 30%
- Assessment Type 2: Folio -40%

External:

2 hour exam on * topics – 30%

**YEAR 11 STAGE 1
GENERAL MATHEMATICS**

SACE Code : 1MGM20
Duration : 2 Semesters

Course Overview:

General Mathematics is a 10-credit subject or a 20-credit subject at Stage 1, and a 20-credit subject at Stage 2.

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 ideas in the topics. These topics cover a diverse range of applications of mathematics, including personal financial management, measurement and trigonometry, the statistical investigation process, modelling using linear and non-linear functions, and discrete modelling using networks and matrices.

Successful completion of this subject at Stage 2 prepares students for entry to tertiary courses requiring a non-specialised background in mathematics.

Stage 1 General Mathematics consists of the following seven topics:

- Topic 1: Investing and Borrowing
- Topic 2: Measurement
- Topic 3: Statistical Investigation
- Topic 4: Applications of Trigonometry
- Topic 5: Linear and Exponential Functions and their Graphs
- Topic 6: Matrices and Networks
- Topic 7: Open Topic

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 1 General Mathematics.

- Assessment Type 1: Skills and Applications Tasks
 - Assessment Type 2: Mathematical Investigation
- For a 10-credit subject, students should provide evidence of their learning through four assessments. Each assessment type should have a weighting of at least 20%.

Students undertake:

at least two skills and applications tasks
at least one mathematical investigation.
For a 20-credit subject, students should provide evidence of their learning through eight assessments. Each assessment type should have a weighting of at least 20%.

Students undertake:
at least four skills and applications tasks
at least two mathematical investigations

**YEAR 12 STAGE 2
GENERAL MATHEMATICS**

SACE Code: 2MGM20
Duration: 2 Semesters

Course Overview:

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. 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.

Successful completion of General Mathematics at Stage 2 prepares students for entry to tertiary courses requiring a non-specialised background in mathematics.

Students who complete this subject with a C–or better will meet the numeracy requirement of the SACE.

Stage 2 General Mathematics consists of the following five topics:

- Topic 1: Modelling with Linear Relationships
- Topic 2: Modelling with Matrices
- Topic 3: Statistical Models *
- Topic 4: Financial Models *
- Topic 5: Discrete Models *

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 2 General Mathematics:

- School Based:
- Assessment Type 1: Skills and Applications Tasks – 40%
- Assessment Type 2: Investigation -30%

External:

2 hour exam on * topics – 30%



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YEAR 11 STAGE 1 MATHEMATICAL METHODS

SACE Code : 1MAM20
Duration : 2 Semesters

Course Overview:

Stage 1 Mathematics is a 10-credit subject or a 20-credit subject.

Mathematics develops an increasingly complex and sophisticated understanding of calculus, statistics, mathematical arguments and proofs, and using mathematical models. By using functions, 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.

Stage 1 Mathematics provides the foundation for further study in Mathematics in Stage 2 Mathematical Methods and Stage 2 Specialist Mathematics.

Stage 2 Mathematical Methods can lead to tertiary studies of 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.

Stage 2 Specialist Mathematics can be a pathway to mathematical sciences, engineering, space science, and laser physics. Specialist Mathematics is designed to be studied in conjunction with Mathematical Methods.

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 1 Mathematics:
Assessment Type 1: Skills and Applications Tasks
Assessment Type 2: Mathematical Investigation.

For a 10-credit subject, students should provide evidence of their learning through four assessments. Each assessment type should have a weighting of at least 20%.

Students complete:

at least two skills and applications tasks
at least one mathematical investigation.

For a 20-credit subject, students should provide evidence of their learning through eight assessments. Each assessment type should have a weighting of at least 20%.

Students complete:

at least four skills and applications tasks
at least two mathematical investigations.

Note:

Key concepts from 10A Mathematics in the Australian Curriculum required for the study of Stage 1 Mathematics, Stage 2 Mathematical Methods, and Stage 2 Specialist Mathematics have been incorporated into the relevant topics.

Students who want to undertake Stage 2 Mathematical Methods should study 20 credits of Stage 1 Mathematics (Topics 1-6). This may be two 10-credit subjects or one 20-credit subject. Students who want to undertake

Stage 2 Specialist Mathematics should study 20 additional credits of Stage 1 Mathematics (Topics 7-12). Stage 1 Mathematics consists of the following list of twelve topics:

Topic 1: Functions and graphs

Topic 2: Polynomials

Topic 3: Trigonometry

Topic 4: Counting and Statistics

Topic 5: Growth and Decay

Topic 6: Introduction to Differential Calculus

Topic 7: Arithmetic and Geometric Sequences and Series

Topic 8: Geometry

Topic 9: Vectors in the Plane

Topic 10: Further Trigonometry

Topic 11: Matrices

Topic 12 Real and Complex Numbers.

YEAR 12 STAGE 2 MATHEMATICAL METHODS

SACE Code: 2MHS20
Duration: 2 Semesters

Course Overview:

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.

Students who complete this subject with a C- or better will meet the numeracy requirement of the SACE.

Stage 2 Mathematical Methods consists of the following six topics:

Topic 1: Further Differentiation and Applications

Topic 2: Discrete Random Variables

Topic 3: Integral Calculus

Topic 4: Logarithmic Functions

Topic 5: Continuous Random Variables and the Normal

Distribution

Topic 6: Sampling and Confidence Intervals

Assessment:

The following assessment types enable students

to demonstrate their learning in Stage 2 Mathematical

Methods:

School Based:

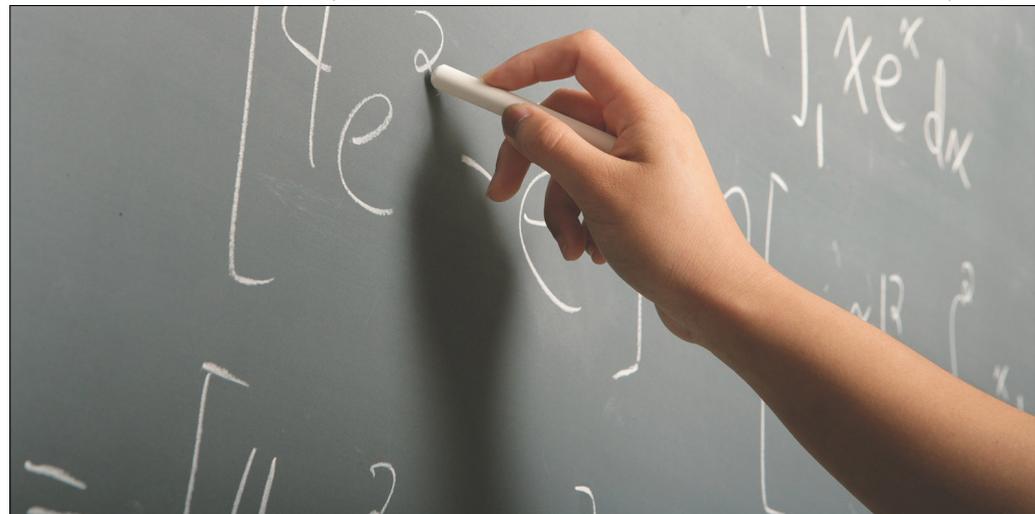
Assessment Type 1: Skills and Applications

Tasks – 50%

Assessment Type 2: Investigation -20%

External:

2 hour exam on all 6 topics – 30%





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YEAR 11 STAGE 1 BIOLOGY

SACE Code: 1BGY20
Duration: 2 Semesters

Course Overview:

Science inquiry skills and Science as a Human Endeavour are integral to students' learning in this subject and are interwoven through their study of science understanding, which is organised into four topics. Through the study of these topics, students extend their understanding of the nature of living things, as well as of the interactions of those living things with members of the same species, members of other species, and the environment.

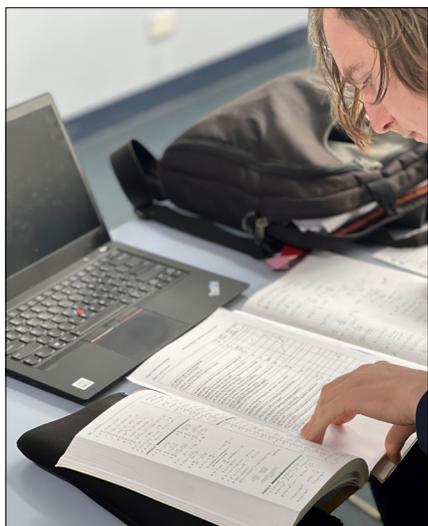
Stage 1 Biology consists of the following 4 topics:

- Topic 1: Cells and Microorganisms
- Topic 2: Infectious Disease
- Topic 3: Multicellular Organisms
- Topic 4: Biodiversity and Ecosystem Dynamics

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 1 Biology:

Investigation Folio: includes 1 practical and 1 science as a human endeavour investigation - 50%
Skills and Applications Tasks - 50%



YEAR 12 STAGE 2 BIOLOGY

SACE Code: 2BGY20
Duration: 2 Semesters

Course Overview:

In their study of Biology, students develop and extend their understanding of 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. They 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.

Students study all of the following core topics:

- Topic 1: DNA and Proteins
- Topic 2: Cells as the Basis of Life
- Topic 3: Homeostasis
- Topic 4: Evolution

Many of the concepts studied in Stage 1 Biology build on concepts introduced in Stage 2 Biology.

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 2 Chemistry:
School Assessment (70%)
Assessment Type 1: Investigations Folio (30%)
Assessment Type 2: Skills and Applications Tasks (40%)
External Assessment (30%)
Assessment Type 3: Examination (30%)
Students provide evidence of their learning through eight assessments, including the external assessment component.
Students complete:
at least two practical investigations
one investigation with a focus on science as a human endeavour
at least three skills and applications tasks,
one examination

At least one investigation or skills and applications task should involve collaborative work.

It is anticipated that from 2018 all school assessments will be submitted electronically.

Notes:

Practical investigations are a compulsory requirement of the course.
The end of year external examination has duration 2 hours

YEAR 11 STAGE 1 CHEMISTRY

SACE Code: 1CEM20
Duration: 2 Semesters

Course Overview:

Science inquiry skills and Science as a Human Endeavour are integral to students' learning in this subject, and are interwoven through the science understanding, which is organised into six topics.

In their study of these topics, students develop and extend their understanding of some of the fundamental principles and concepts of chemistry, including structure, bonding, polarity, solubility, acid-base reactions, and redox. These are introduced in the individual topics, with the mole concept and some energy concepts introduced gradually throughout these topics.

Stage 1 Chemistry consists of the following 6 topics:

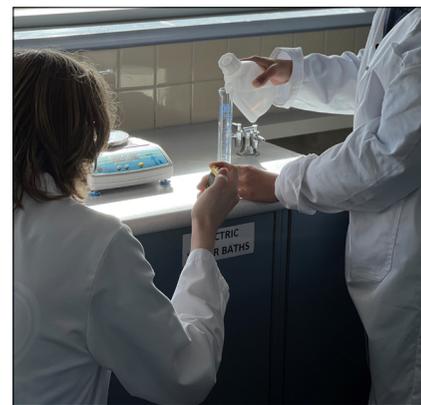
- Topic 1: Materials and their Atoms
- Topic 2: Combinations of Atoms
- Topic 3: Molecules
- Topic 4: Mixtures and Solutions
- Topic 5: Acid and Bases
- Topic 6: Redox Reactions

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 1 Chemistry:

Investigation Folio: includes 1 practical and 1 Science as a Human Endeavour (SHE) investigation - 50%

Skills and Applications Tasks - 50%



YEAR 12 STAGE 2 CHEMISTRY

SACE Code: 2CEM20
Duration: 2 Semesters

Course Overview:

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 study all of the following core topics:

- Topic 1: Monitoring the Environment
- Topic 2: Managing Chemical Processes
- Topic 3: Organic and Biological Chemistry
- Topic 4: Managing Resources

Many of the concepts studied in Stage 2 Chemistry build on concepts introduced in Stage 1 Chemistry.

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 2 Chemistry:
School Assessment (70%)
Assessment Type 1: Investigations Folio (30%)
Assessment Type 2: Skills and Applications Tasks (40%)
External Assessment (30%)
Assessment Type 3: Examination (30%)

Students provide evidence of their learning through eight assessments, including the external assessment component. Students complete:

- at least two practical investigations:
- one investigation with a focus on Science as a Human Endeavour
- at least three skills and applications tasks
- one examination
- At least one investigation enable students to individually deconstruct a problem, design their own method and justify their plan of action. At least one investigation should involve a question or hypothesis for which the outcome is uncertain.

Notes:

Practical investigations are a compulsory requirement of the course
The end of year external examination has duration of 2 hours and 10 mins



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YEAR 11 STAGE 1 EARTH & ENVIRONMENTAL SCIENCE

SACE Code: 1EES20
Duration: 2 Semesters

Course Overview:

Earth and Environmental Science emphasises the way in which Earth materials and processes generate environments, including habitats, where organisms live; the natural processes and human influences that induce changes in physical environments; and ways in which organisms respond to those changes.

Students develop and extend their inquiry skills, including in designing and undertaking investigations, and collecting and analysing primary and secondary data. They interpret and evaluate information, synthesis and use evidence to construct and justify conclusions.

Stage 1 Earth and Environmental Science consists of the following 6 topics:

- Topic 1: Turbulent Earth
- Topic 2: Composition of the Geosphere
- Topic 3: Processes in the Geosphere
- Topic 4: The Earth's Atmosphere
- Topic 5: Importance of the Hydrosphere
- Topic 6: Biosphere

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 1 Earth and Environmental Science:

Investigation Folio: includes 1 practical and 1 science as a human endeavour investigation - 50%

Skills and Applications Tasks - 50%



YEAR 12 STAGE 2 EARTH & ENVIRONMENTAL SCIENCE

SACE Code: 2EES20
Duration: 2 Semesters

Course Overview:

Students consider how human beings use the Earth's resources and the impact of human activities on the environment. They assess the evidence that informs public debate on social and environmental issues such as use of the Earth's resources, and climate change.

They conduct a detailed investigation into an Earth or environmental initiative or issue and report their findings in terms of the interactions of two or more of the Earth's systems.

Using an inquiry approach to learning through observation, speculation, prediction, experimentation, analysis, evaluation, and communication, students develop science inquiry skills and reinforce their understanding of science as a human endeavour.

Stage 2 Earth and Environmental Science consists of the following 4 topics:

- Topic 1: Earth Systems
- Topic 2: Earth's Resources
- Topic 3: Earth's sustainable Future
- Topic 4: Climate Change

Assessment:

Investigations Folio (30%)

Students undertake at least two skills and applications tasks in the form as:

Practicals

Field Investigations
Science as a Human Endeavour

Skills and Applications Tasks (40%)
Students undertake at least three skills and applications tasks.

Earth System Study (30%)

YEAR 11 STAGE 1 PHYSICS

SACE Code: 1PYI20
Duration: 2 Semesters

Course Overview:

Science inquiry skills and Science as a Human Endeavour are integral to students' learning in this subject and are interwoven through their study of science understanding, which is organised into six topics. Through the study of these topics, students develop and extend their understanding of the interaction between matter, energy, and forces in linear motion, and electric circuits and the transfer and transformation of energy. They study the wave model to better understand how energy can be transferred through matter and space. Students examine the structure of matter, spontaneous nuclear reactions, and the ionising radiation that results from these processes.

Stage 1 Physics consists of the following 6 topics:

- Topic 1: Linear Motion and Forces
- Topic 2: Electric Circuits
- Topic 3: Heat
- Topic 4: Energy and Momentum
- Topic 5: Waves
- Topic 6: Nuclear Models and Radioactivity

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 1 Physics:

Investigation Folio: includes 1 practical and 1 Science as a Human Endeavour investigation - 50%

Skills and Applications Tasks - 50%



YEAR 12 STAGE 2 PHYSICS

SACE Code: 2PYI20
Duration: 2 Semesters

Course Overview:

The study of Physics is constructed around using qualitative and quantitative models, laws, and theories to better understand matter, forces, energy, and the interaction among them. Physics seeks to explain natural phenomena, from the subatomic world to the macrocosmos, and to make predictions about them. The models, laws, and theories in Physics are based on evidence obtained from observations, measurements, and active experimentation over thousands of years. By studying Physics, students understand how new evidence can lead to the refinement of existing models and theories and to the development of different, more complex ideas, technologies, and innovations.

The three strands of science to be integrated throughout student learning are:

- Science inquiry skills (SIS)
 - Science as a Human Endeavor (SHE)
 - Science understanding.
- The topics for Stage 2 Physics are:
- Topic 1: Motion and Relativity
 - Topic 2: Electricity and Magnetism
 - Topic 3: Light and Atoms.

Assessment:

School Assessment (70%)
Assessment Type 1: Investigations Folio (30%)
Assessment Type 2: Skills and Applications Tasks (40%)
External Assessment (30%)
Assessment Type 3: 2 Hour Examination
Students provide evidence of their learning through eight assessments, including the external assessment component. Students complete:
at least two practical investigations, one investigation with a focus on science as a human endeavour at least three skills and applications tasks one examination.
At least one investigation or skills and applications task should involve collaborative work.



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YEAR 11 STAGE 1 PSYCHOLOGY

SACE Code: 1PSG20
Duration: 2 Semesters

Course Overview:

Psychology aims to describe and explain both the universality of human experience and individual and cultural diversity. It also addresses the ways in which behaviour can be changed. It offers a means for making society more cohesive and equitable; that is, psychology offers ways of intervening to advance the well-being of individuals, groups, and societies. However, every change also holds the possibility of harm. The ethics of research and intervention are therefore an integral part of psychology.

The skills learnt through Psychology are parallel to those learnt in other science subjects: how to be a critical consumer of information; how to identify psychological processes at work in everyday experiences; how to apply knowledge to real-world situations; how to investigate psychological issues; and how to be an effective communicator.

- Topic 1: Cognitive Psychology
- Topic 2: Neuropsychology
- Topic 3: Lifespan Psychology
- Topic 4: Emotion
- Topic 5: Psychological Wellbeing
- Topic 6: Psychology in Context
- Topic 7: Negotiated Topic

Assessment:

- Assessment Type 1: Investigations Folio
- Assessment Type 2: Skills and Applications Tasks

YEAR 12 STAGE 2 PSYCHOLOGY

SACE Code: 2PSG20
Duration: 2 Semesters

Course Overview:

Psychology aims to describe and explain both the universality of human experience and individual and cultural diversity. It also addresses the ways in which behaviour can be changed. It offers a means for making society more cohesive and equitable; that is, psychology offers ways of intervening to advance the well-being of individuals, groups, and societies. However, every change also holds the possibility of harm. The ethics of research and intervention are therefore an integral part of psychology.

The skills learnt through Psychology are parallel to those learnt in other science subjects: how to be a critical consumer of information; how to identify psychological processes at work in everyday experiences; how to apply knowledge to real-world situations; how to investigate psychological issues; and how to be an effective communicator.

The topics for Stage 2 Psychology are:

- Topic 1: Psychology of the Individual
- Topic 2: Psychological Health and Wellbeing
- Topic 3: Organisational Psychology
- Topic 4: Social Influence
- Topic 5: The Psychology of Learning

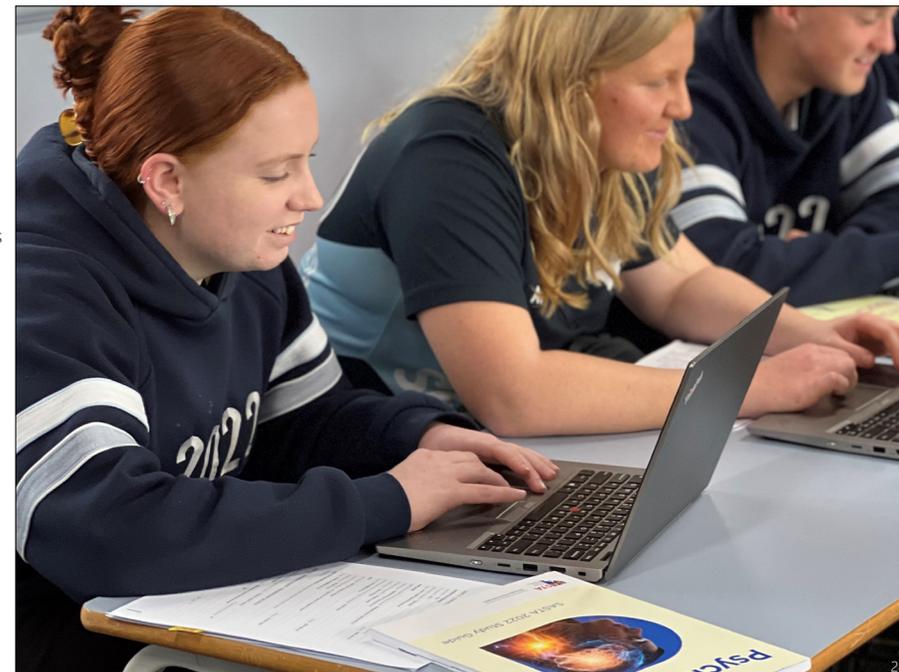
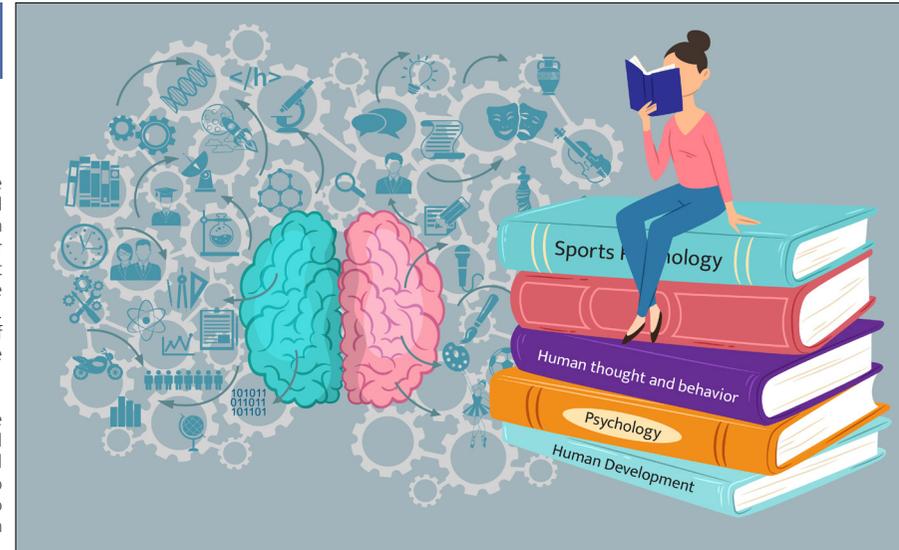
Assessment

School assessment (70%)

- Assessment Type 1: Investigations Folio (30%)
- Assessment Type 2: Skills and Applications Tasks (40%)

External assessment (30%)

- Assessment Type 3: Examination (30%)





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**YEAR 11 STAGE 1
WORKPLACE PRACTICES**

SACE Code: 1WPP20
Duration: 1 Semesters

Course overview:

There are three areas of study within Workplace Practices:

Industry and Work Knowledge Vocational Learning Vocational Education and Training (VET).

At Stage 1 all students undertake Industry and Work Knowledge and one of the following options:

Vocational Learning or VET or

Vocational Learning and VET.

Industry and Work Knowledge:

Students develop knowledge and understanding of the nature, type, and structure of the workplace. Specific areas include, for example, 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.

Vocational Learning:

Vocational learning is general learning that has a vocational perspective. It includes any formal learning in a work-related context outside Australian Qualifications Framework (AQF) qualifications. Students undertake learning in the workplace to develop and reflect on their capabilities, interests, and aspirations and to reflect on the knowledge, skills, and attributes valued in the workplace.

Vocational Education and Training (VET)

VET includes any 'training and assessment' delivered by a registered training organisation which meets the requirements specified in national industry/enterprise Training Packages or in accredited courses' (training.gov.au). Students must attain their competencies for their VET learning to be able to be counted towards their Performance assessment (30%).

Assessment:

Assessment at Stage 1 is school-based. Students demonstrate evidence of their learning through the following assessment types:

1 x Performance (30%)

1 x Reflection (30%)

2 x Folio Tasks (40%)

Prerequisite: Students are either undertaking a VET subject or have a job outside of school.

**YEAR 12 STAGE 2
WORKPLACE PRACTICES**

SACE Code: 2WPP20
Duration: 2 Semesters

Course Overview:

There are three areas of study within Workplace Practices:

Industry and Work Knowledge Vocational Learning Vocational Education and Training (VET).

At Stage 2 all students undertake Industry and Work Knowledge and one of the following options:

Vocational Learning or VET or

Vocational Learning and VET.

Industry and Work Knowledge:

Students develop knowledge and understanding of the nature, type, and structure of the workplace. Specific areas include, for example, 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.

Vocational Learning:

Vocational learning is general learning that has a vocational perspective. It includes any formal learning in a work-related context outside Australian Qualifications Framework (AQF) qualifications. Students undertake learning in the workplace to develop and reflect on their capabilities, interests, and aspirations and to reflect on the knowledge, skills, and attributes valued in the workplace.

Vocational Education and Training (VET)

VET includes any 'training and assessment' delivered by a registered training organisation which meets the requirements specified in national industry/enterprise Training Packages or in accredited courses' (training.gov.au). Students must attain their competencies for their VET learning to be able to be counted towards their Performance assessment (30%).

At Stage 2, students complete assessment in 4 areas, with both school-based and external assessment:

School-based assessment:

Folio (3 tasks) (25%)

Performance (25%)

Reflection (2 tasks) (20%)

External assessment:

Investigation (30%)

**YEAR 11 STAGE 1
DESIGN, TECHNOLOGY AND
ENGINEERING
AUTOMOTIVE**

SACE Code: 1DCS20
Duration: 2 Semesters

Course Overview:

Students investigate and participate in a simulated automotive/engineering workplace environment. The course will be based on the requirements of Certificate 1 in Automotive and Certificate 1 in Engineering as well as SACE requirements to ensure they are prepared for apprenticeships, work as a general employee or entry to university depending on their chosen career path.

Focus area 1: Automotive The focus will be on developing industry standard knowledge and skills in, Work, health and safety, vehicle inspection, plant and tool use and vehicle servicing.

Focus Area 2: Engineering The focus will be on developing industry standard knowledge and skills in, Work, health and safety, welding, fabrication, and machining.

Computer aided design will be embedded throughout the course.

Students will demonstrate the skills they have developed through a series of practical tasks and projects in a simulated workplace environment.

Assessment:

The following assessment types enable students to demonstrate their learning;

Type 1: Practical Exploration

Type 2: Connections

Type 3: Personal Venture

Notes

1. Practical participation is compulsory

**YEAR 11 STAGE 1
DESIGN, TECHNOLOGY AND
ENGINEERING
CONSTRUCTION**

SACE Code: 2DCS20
Duration: 2 Semesters

Course Overview:

Students investigate and participate in a simulated work environment. They will focus on developing industry standard knowledge such design skills suitable for constructing, inspecting and repairing a range of plant and structures normally found in rural work environments. The topics covered will prepare them for entry into both the workforce as an apprentice or an employee.

They will gain the problem solving skills required to overcome many of the obstacles that face rural and regional areas.

They will demonstrate the skills and knowledge they have developed through a range of practical tasks.

Computer aided design will be embedded throughout the co

The subject consists of the following six topics;

Focus Area 1: Industry and workplace knowledge Students investigate the underpinning knowledge that supports the development and applications of the diverse range of skills required to maintain rural infrastructure and equipment. Core knowledge will include safety, design, plant and equipment use, maintenance and storage, project planning and preparation and finishing techniques.

Focus Area 2: Construction Skills Students apply the underpinning knowledge gained to develop skills to a a pre-vocational standard. They will apply a range of course skills based on the requirements for a Certificate 1 in General Construction.

Focus Area 3: Application Students will be able to demonstrate their knowledge and skills by planning, constructing, maintaining, and repairing a range of structures.

Assessment:

The following assessment types enable students to demonstrate their learning;

Type 1: Practical Exploration

Type 2: Connections

Type 3: Personal Venture



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YEAR 11 STAGE 1 DIGITAL COMMUNICATIONS SOLUTIONS (PHOTOGRAPHY)

SACE Code: 1DCS20
Duration: 2 Semesters

Course Overview:

The course is designed to suit both the beginner and experienced photographer. Students do not need their own digital camera; they will have access to a range of digital cameras to capture their images needed for the assessment tasks. The course begins by looking at the settings and functions of the cameras and how to make the best use of these when capturing images. Students concentrate on developing skills associated with image capture such as image composition, depth of field, shooting angles and lighting. Students will develop a digital portfolio of their original images captured during the semester. Students will also learn to critically examine images for both purpose and techniques. Finally, students will be introduced to the Design Process and will explore the issues involved in working from a design brief to the production of the final product.

Assessment:

Assessment Type 1: Specialised Skills Tasks [60%]
Camera Techniques
Digital portfolio of original images
Assessment Type 2: Design process and solution [40%]
For a 10-credit subject, students undertake one design process assessment type.
The design process is in two parts.
Part 1 – Design development (1000 words)
Part 2 – Solution realisation (500 words)

Notes:
Single Semester course or can be combined with Digital Image to make a full year subject.

YEAR 12 STAGE 2 DIGITAL COMMUNICATIONS SOLUTIONS (PHOTOGRAPHY)

SACE Code : 2DCS20
Duration: 2 Semesters

Course Overview:

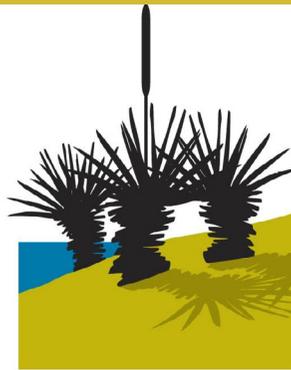
Students develop design briefs, demonstrating their design and technological ability through activities in contexts that have a practical outcome. Students identify product characteristics and make critical judgments about the design and creation of products. Students investigate and critically analyse a range of products, processes, and production techniques used in industrial situations. This information is used to create potential solutions through the design and creation of products. Students identify demands on their design, taking cost, ethical, cultural, and environmental issues into account. They explain how their ideas address these demands, and use their analysis to produce proposals for the present and future. Communication Solutions focus area involves the use of materials, such as symbols, signs, light, images, or other data to design and make products that communicate information. Students produce outcomes that demonstrate the knowledge and skills associated with manipulation of communication media, both manual and digital.

Assessment:

The following assessment types enable students to demonstrate their learning in Stage 2 Design, Technology and Engineering.
School assessment (70%)
Assessment Type 1: Specialised Skills Task (20%)
Two specialised skills tasks
Assessment Type 2: Design Process and Solution (50%)
Two design process and solution tasks
External assessment (30%)
Assessment Type 3: Resource Study (30%)
One resource study

Notes:
Students will be advantaged if they have successfully completed a full year of Stage 1 Communication Solutions.





Kangaroo Island
COMMUNITY EDUCATION