



**YEAR 10 ELECTIVES & VCE 2021
COURSE COUNSELLING HANDBOOK**

INTRODUCTION

Gleneagles Secondary College empowers learners to be confident, resilient and successful citizens who positively engage within their community and flourish as individuals.

We design high quality learning experiences that develop adaptive expertise and accelerate the learning growth of every student.

Gleneagles prides itself on developing an enduring enthusiasm for learning, together with a strong work ethic and community spirit. The learning program provides a solid grounding in the basics, particularly numeracy and literacy and ensures each learner is challenged to reach their potential.

We offer a variety of academic programs to cater for the individual learning needs of our students. Our goal is to ensure every student who leaves Gleneagles, achieves a quality destination. We define a quality destination as tertiary study, apprenticeships, traineeships or employment with a long-term future. We will provide the programs and supports, to ensure our students achieve their goal.

Students should use the information within this handbook to plan their pathway through their final year as middle school students by selecting combinations of subjects that meet their interests and lead to their intended career.

In order to make the course selection process simple and effective, we have established a streamlined structure for students and their families. Parents/Guardians are asked to discuss their child's interests and encourage them to make informed choices regarding their personalised program.

Each student will be given individual counselling through Home Group Teachers as well as Pathways Counsellors. At the same time, our expert Pathways Coordination Team has close links with a range of industry and education providers, along with access to a variety of resources which can assist students in making their pathways decision.

We wish all our students well in their course selection process. The pathways approach focuses on providing directions for future careers and study and allows students to realise their strengths and aspirations.

KEY CONTACTS

For further information, please contact one of the following staff:

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YEAR 10 ELECTIVES & VCE 2021

The Year 10 elective program at Gleneagles is made up of two elective blocks per semester.

The electives on offer are designed to prepare you for future pathways in year 11 and 12.

All Languages electives run for the year and will take up both blocks as a result.

An important feature of the Year 10 elective program is the offering of VCE subjects. Year 10 students are being offered the opportunity to complete two units of their VCE during Year 10.

In order to be successful in selecting a VCE subject students are **required to submit an expression of interest form.**

In 2021 all VCE subjects will be offered to Year 10. What subjects run is dependent on student choice and the Year 11 blockings.

Where students have selected a VCE subject that is not running, they will be given priority and re-counselled regarding other options.

Students who apply to do a VCE subject will be required to complete both Units 1 & 2, taking up one elective block in each semester.

IN 2021, YEAR 10 STUDENTS WILL STUDY THE FOLLOWING SUBJECTS FOR A YEAR:

In 2021 Gleneagles be running on a 10-day timetable cycle. All periods will be 1 hour.

English	10 periods per cycle
Mathematics	8 periods per cycle
Science	6 periods per cycle
Humanities	6 periods per cycle
Physical Education	3 periods per cycle

OPTION 1: ELECTIVE ONLY PROGRAM

SEMESTER 1:

Elective 1	Elective 2	Elective 3	Elective 4
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SEMESTER 2:

Elective 1	Elective 2	Elective 3	Elective 4
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OPTION 2: ELECTIVE PROGRAM WITH A VCE SUBJECT

SEMESTER 1:

VCE Subject	Elective 1	Elective 2
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SEMESTER 2:

VCE Subject	Elective 1	Elective 2
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YEAR 10 VCE PROGRAM 2021

Completing a VCE subject in Year 10 gives students the exciting opportunity to accelerate their studies and enhance their skills and knowledge in a subject area that they are passionate about. The main benefit of completing a VCE subject a year early is the valuable experience it gives students.

Students will learn how to prioritise their time, organise their notes, revise questions and deal with exam pressures. Best of all, they will learn all these skills before they even commence year 12 and tackle the full load of subjects.

VCE STUDENT EXPECTATIONS

Gleneagles Secondary College expects our students to demonstrate the college values:

Respect: Students are expected to participate in all learning activities and demonstrate they are ready to learn

Inclusion: Students are expected to respect their learning environment and collaborate with their peers

Stamina: Students are expected to attend all classes as the minimum VCE requirement is 95% attendance.

Excellence: Students are expected to be responsible learners who complete all set work and meet set deadlines.

Accreditation: Students who complete a VCE will receive external VASS accreditation for the units they complete.

It is important that students and parents read through the course descriptions carefully before making any decisions.

For some electives there is a need to **charge a levy** to cover the cost of materials, including printed matter. Please take the levy into consideration when making your choices as payment of the levy is a condition of enrolment in the subject.

A wide range of electives have been offered to ensure that students can choose courses that they would find interesting and challenging.

If you have trouble selecting fee paying electives, please see the bursar.

The elective structure is more complex at year 10 with the inclusion of the VCE offerings. Every effort will be made to get as many students as possible their first choices, but it is important that students seriously consider their extra three choices.

Any questions or concerns regarding VCE offerings or Year 10 electives should be directed to:

LEADING TEACHER: VICTORIAN CURRICULUM

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SENIOR SUB SCHOOL LEADER

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MIDDLE SUB SCHOOL LEADER

Sarah Reynolds: Sarah.Reynolds@education.vic.gov.au

YEAR 10 ELECTIVE DESCRIPTORS

ENGLISH

Creative Writing

Do you like writing fiction, or would like to but don't yet know how? This elective provides an opportunity to grow your creative writing skills and learn the tips and tricks of your favourite authors. Students read literary works such as short stories and excerpts from novels, plays and screenplays, and use them as models for their own writing. Students workshop their writing to improve their stories and can enter a range of short story competitions. This elective also provides students with the opportunity to enhance their close reading and creative writing skills required for VCE English and Literature. **Cost: NIL**

Literature

The study of literature focuses on the enjoyment and appreciation of reading that arises from discussion, debate and the challenge of exploring the meaning of literary texts. Students reflect on their own and the interpretations of others. This elective will challenge and extend students beyond the mainstream English classroom and develop essential skills for students interested in studying VCE Literature. Students will be expected to read and review a variety of novels, plays, poetry, films and essays. **Cost: NIL**

HUMANITIES

Commerce/Law

This subject is designed to focus on development of skills and knowledge in preparation for studies at VCE level in Business Management and Legal Studies. The range of activities reinforces learning and understanding of these subjects to give students a taste of potential future pathways at VCE. Skills relevant to both VCE subjects include examining real-life case studies, applying legal and business theory to cases, critical thinking and key vocabulary belonging to the business and legal professions. A range of topics include criminal and civil law, famous criminal trials, types of criminal and civil law, managing a small business, enterprise and innovation. **Cost: NIL**

Global Issues

What does terrorism mean? Why did Donald Trump say that? Why are people treated differently because of the color of their skin? This course gives students the opportunity to engage in the exploration of current global conflicts and will examine the impact and history of issues relating to terrorism, human rights, civil rights, and globalisation. Students will develop skills that will allow them to consider different points of view and look behind the headlines and images that are shown on today's news. This subject is designed to focus on the development of skills and knowledge in preparation for studies at VCE level in History, Geography, Economics and Global Politics. **Cost: NIL**



LANGUAGES

Chinese

This subject is a **year long course** and is specially designed to prepare students who already had 3 years (Year 7, 8 and 9) Chinese learning to achieve success in VCE Chinese. At VCE level, a few subjects attract bonus marks and Chinese is one of them. Students will further develop their Chinese skills in: listening, speaking, reading, writing and cultural awareness throughout variety of practising activities and tasks. A range of resources will be fully used, including movies, TV programs, songs, authentic texts and exercises, as well as participating in effective programs, such as incursions, excursions and exchange programs will provide students with the opportunity to become more familiar with Chinese culture and language. Students will be encouraged to use ICT to expand their skills and competencies in language learning, particularly to assist in developing their listening, reading and writing skills.

Cost: NIL

German

German is the most widely spoken native language in the European Union and has evolved from the same parent language as English in West Germanic. With many similarities and shared vocabulary between the two languages, learning German is much easier for English speakers. Year 10 German provides students with the opportunity to develop the language and cultural skills and knowledge necessary to undertake VCE German. Over two semesters, students will improve their spoken and written capabilities as well as listening and reading comprehension through the study of topics such as holidays, the household, career aspirations and the environment. Students of year 10 German will be exposed to a range of engaging and authentic learning resources such as modern songs and movies, television programs and webisodes, online articles and interactive learning websites. Excursions on offer will continue to expose students to different language and cultural aspects of German speaking countries outside of the classroom.

Cost: NIL

Innovative Indonesian

Year 10 Indonesian is a **year long elective** that gets you job ready as you acquire the intercultural and communication skills of our nearest regional neighbour – Indonesia. Predicted to be the world's 4th largest economy in 2050, Indonesia is an important political, trading and regional partner for the prosperity of Australia's future economy and security. No matter which business, industry or trade you can be employed in, continuing Indonesian will help you develop the key skills all employers are looking for in the 2020's: communication, intercultural understanding, collaboration, problem solving, negotiation, persuasion, self-management, organisation and resilience. Year 10 students have the opportunity to engage in authentic learning experiences such as cooking, music, attending excursions and participating in the Gleneagles Indonesian Exchange program. Students are able choose from a variety of topics such as Pandemics, Everyday Indonesian, Indonesian opportunities, Indonesia-Australia Relationship, Indonesian Ghost stories, Indonesian Startups, Business Indonesian and Intercultural Indonesian.

Cost: NIL



MATHEMATICS

Fundamental Maths

This course is designed to provide students an opportunity to learn topics of Mathematics involved in General and Further Mathematics. Students who have experienced difficulties or have gaps in Mathematics will be allowed to review and consolidate the material covered in the Year 10 Maths program in this class.

Cost: Nil

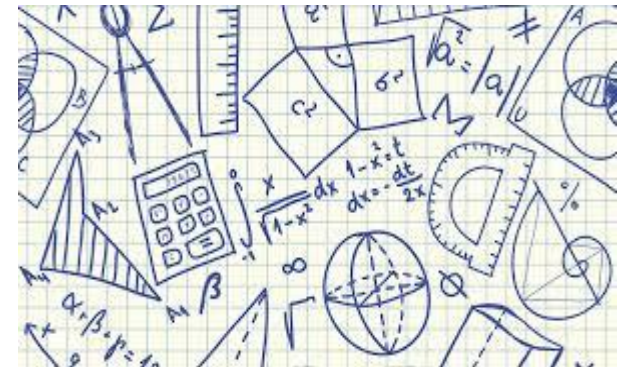
OR

Extension Maths

This subject will provide preparation for high-achieving students who are wishing to study Mathematical Methods and possibly Specialist Mathematics in VCE. Students will have the opportunity to preview many of the topics that are studied in these subjects. Topics that will be studied include: Surds, Matrices, Unit circle, Polynomials and transformation of functions. Students will use a CAS calculator in this course to further enhance their technology skills.

Cost: Nil

Students who select Maths choose one Math elective only.



OTHER

Personal Development

The purpose of this elective would be to provide further support for students struggling in their other subjects. In order to make it relevant to the largest number of students, it would look at setting goals, study techniques and reading strategies, as well as giving time to complete homework and assessment tasks. Students may be referred to this elective via home group/classroom teachers, but it will be open to anyone.

Cost: Nil

THE ARTS

Media Strikes Back (Film and Photography)

In Media Strikes Back students will explore what it means to be a media creator and consumer in the digital age through the mediums of digital video and digital photography. This unit will allow students to improve their skills using the Digital SLR cameras and editing software. Media artefacts produced by Gleneagles students may be entered into competitions, exhibitions and publications. Assessments include workbook, in class projects and folio completion. **Cost: \$40**

Studio Art

Students will begin to develop their own art practice and style. They will document artistic research and inspiration, generation of ideas and experiments with various media which will be used to produce final artworks. A number of different workshops will be presented where students will have the opportunity to experiment with a range of materials and techniques to build skills and knowledge. Assessment is based on a visual diary, final art works and a theory component where artists are investigated and analysed. **Cost: \$55**

Visual Communication

Want to be a graphic designer? Visual Communication introduces students to all the basic techniques and knowledge required to create designs. Learn what makes unique designs by incorporating 21st Century Thinking Skills. Explore various drawing techniques in both manual and digital forms, from the fields of design (environmental, industrial and communication) and explore various approaches to design. Learn how to respond to design briefs and produce final designs that target the client and public's needs. Investigate the works of other designers and their practices, both past and present to further enhance your ability to push a design to its limits. Assessments include a design journal, in class projects and folio completion. **Cost: \$40**



TECHNOLOGY

Information Technology, Animation, Programming & Web Design

In this subject students will learn or extend their knowledge and appreciation of Information Technology by using a range of software packages including Microsoft Visual Studio, Adobe Animate, Microsoft Excel, Google Sites (to build websites) and Google Sketchup to create various products designed to educate, persuade, inform, entertain and communicate. Students will be introduced to solution design techniques and methodologies. They will enhance their skills in using learning technologies to solve a range of problems and will be able to communicate their ideas in a variety of ways, including animation and an electronic journal.

Cost: NIL

Master Class – Food Studies

This course is designed to assist students to make informed food choices. Students develop their understanding of food while acquiring skills that enable them to take greater ownership of their food decisions and eating patterns. This study explores all aspects of the menu from Hors-d'oeuvres to desserts and all the courses in between, including soups, sauces, entrees, main meals, and side dishes. Students will build on their knowledge of key nutrients and foods and use the design process and a variety of cooking methods to produce high quality menu items. Students will undertake 4 periods of practical work each week. This subject could lead to a career pathway in home economics, food technology, food manufacturing and the hospitality industry.

Cost: \$125

Technology (Wood and Metal)

In this course students will plan and construct small furniture items for the home. They will learn to prepare and construct working designs. They will investigate ways in which different materials and processes can be used in the construction of their models, and they will learn to manage tools, machinery and processes safely and efficiently. Integrated tasks will address OH&S standards, project management skills and new developments in the manufacturing industry. This subject is intended for students wishing to pursue further studies at senior levels in VCE Design and Technology, VET Building and Construction or entering a trade involving use of wood.

Cost: \$45



PERFORMING ARTS

Music Performance

Students currently learning an instrument, or who intend to learn, are strongly recommended to choose this subject in order to keep their options open for VCE Music. The emphasis will be placed on practical work with students developing their skills on their instruments or voice by participating in solo or group work. Students may use this time to rehearse for upcoming performances such as Variety Night. This subject will incorporate a wide variety of listening and creative tasks, including the use of current music computer technology. Students will develop skills in composition techniques and they will be required to complete relevant theory exercises at their own level. Students will continue to develop their aural skills. Topics covered in the written component will include an introduction to Jazz and 20th Century music. The levy is required to cover the replacement of guitar strings, drum skins, headphones and other related costs. **Cost: \$15**

Theatre Production

Through a combination of Drama and Theatre Studies, students will be involved in the direction, producing, design and performance of a class production. They will draw from their previous experience in Year 9 Drama and further learn a wide range of performance skills to confidently and successfully put on a production for an audience. Students will not only develop performance skills, dramatic techniques and team building skills but also learn about theatre stagecraft design in creating their production. These will include the design and creation of costume, sound, props, lighting, etc., culminating in a stagecraft design folio assessment. Students choosing this elective must be prepared to participate in a performance in front of various audiences. Students may also have the opportunity to see a professional theatre performance and write a review of someone else's theatrical work. **Cost: NIL**



SPORT

Get Physical

This subject will look at the human body from a physical activity and fitness perspective. It will investigate how the body changes and develops in response to physical activity. Students will explore Physical Education topics such as body systems (muscular, circulatory, respiratory, and skeletal systems), acute responses to physical activity, the national physical activity guidelines, the social ecological model and physical activity measurement tools. This subject is designed to prepare students for VCE Physical Education. It would suit students who are interested in a future career pathway in health science, sports science, human movement, teaching, health promotion, nutrition or as a dietician.

Cost: NIL

Inside Health

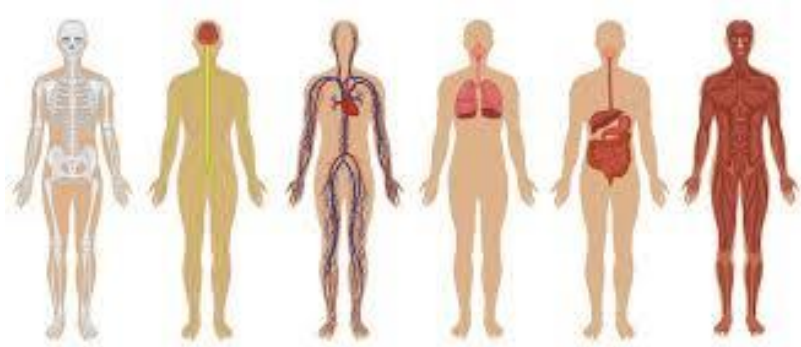
This subject will look at the human body from a health perspective. It will investigate how the body changes and develops as it moves through the different stages of the lifespan. It will look at Health topics such as human development, nutrition, agencies involved in health promotion and specific health issues throughout the lifespan. This subject is designed to prepare students for VCE Health and Human Development. It would suit students who are interested in a future career pathway in health science, sports science, human movement, teaching, health promotion, nutrition or as a dietician.

Cost: NIL

Principles of Sport Science

Students work on a range of different sports and activities through a 'sports science lens'. Students will apply scientific principles to improve athletic performance including biomechanics, laws of motion and movement principles to improve athletic performance. On completion of this elective students will be able to collect and analyse information from, and participate in a variety of physical activities to develop and refine movement skills from a coaching perspective, through the application of biomechanical and skill acquisition principles.

Cost: NIL



YEAR 10 ELECTIVES 2021 – COST SHEET

Elective	Cost
Technology	
Information Technology, Animation, Programming & Web Design	Nil
Masterclass – Food Studies	\$125
Technology (Wood and Metal)	\$45
The Arts/ Performing Arts	
Music Performance	\$15
Theatre Production	Nil
Media Strikes Back (Film and Photography)	\$40
Studio Art	\$55
Visual Communication	\$50
Sport	
Get Physical	Nil
Inside Health	Nil
Principles of Sport	Nil
English, Science, Mathematics, Humanities and Others	
Fundamental Maths	Nil
Extension Maths	Nil
Commerce/Law	Nil
Creative Writing	Nil
Environmental Science	Nil
Global Issues	Nil
Literature	Nil
Personal Development	Nil
Psychology	Nil
Science Skills	Nil

THE FOLLOWING SUBJECTS ARE YEAR LONG ELECTIVES

Languages	
Chinese	Nil
German	Nil
Indonesian	Nil

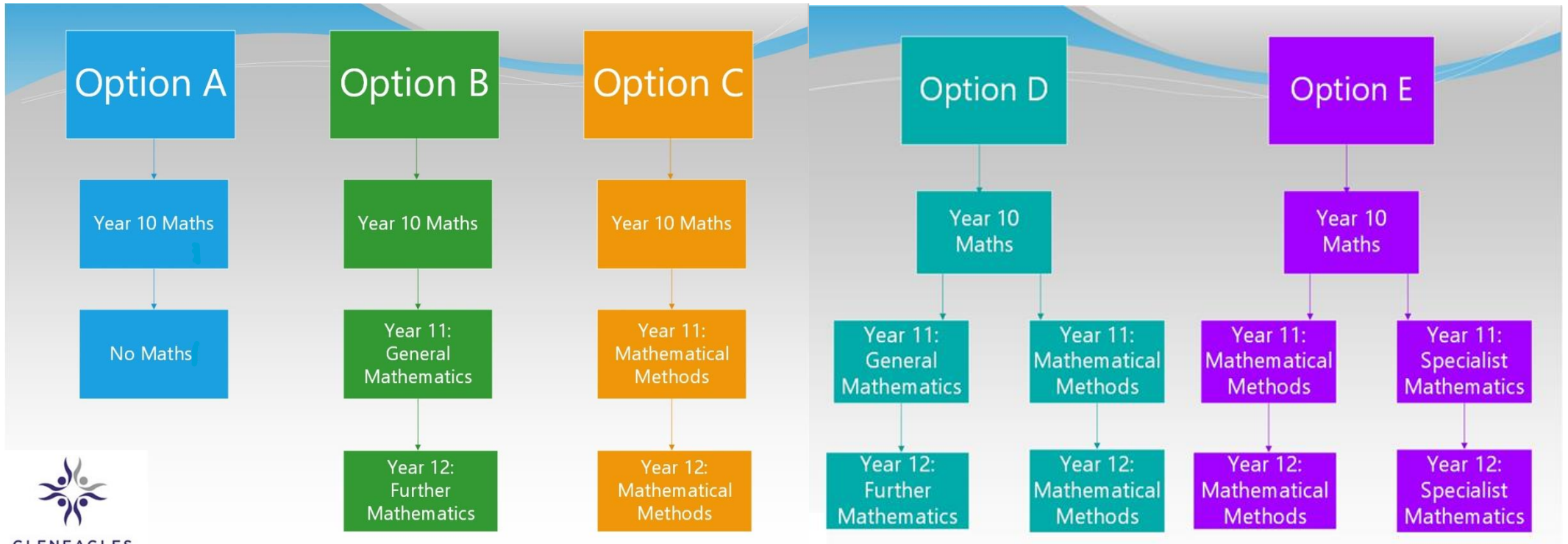
For some electives, there is a need to charge a levy to cover the cost of consumables, non-standard materials etc. ***Please consider the levy when your child makes their choices, as payment of the levy is a condition of enrolment in the subject.*** The College offers a comprehensive elective program that ensures a mix of no cost subjects alongside fee-paying electives (council approved). Students can select a full program that would have no associated cost.

PLEASE NOTE: where families currently have outstanding payments, your child will be restricted to selecting electives with no fees.

Please contact the bursar's office with any fee queries on ph. 9708 1319

VCE SUBJECT DESCRIPTORS

MATHEMATICS OVERVIEW



SCIENCE OVERVIEW

BIOLOGY	CHEMISTRY	ENVIRONMENTAL SCIENCE	PHYSICS	PSYCHOLOGY
<p>Biology requires understanding a significant amount of detailed knowledge and terminology. Students must learn to apply terminology correctly and practice answering questions with clarity. Ongoing organised Onenotes and further study to learn intricate details is necessary to excel in this subject. Competent English and Maths students do well in Biology.</p>	<p>Chemistry involves understanding a large amount of knowledge, in addition to making inferences and applying knowledge to unfamiliar situations. Abstract concepts and mathematically – based problems are common. Competent English and Maths students do well in Chemistry. Chemistry is a challenging subject, which requires higher-level thinking skills.</p>	<p>Environmental Science requires students to recall, comprehend and apply content knowledge and use scientific terminology appropriately. This subject relates to the real world, requiring students to explain and draw logical conclusions based on their scientific understanding. Students will conduct fieldwork, research and practical experiments.</p>	<p>Physics explores highly abstract concepts and applies this knowledge in various contexts. Students will often investigate concepts practically or mathematically. Many formulas are organised to study a physical concept, manipulating variables and testing hypotheses. Mathematically competent students do well in this subject.</p>	<p>Psychology covers a vast amount of content knowledge and requires a high level of recall and understanding. This subject links human behaviour with scientific explanations, requiring students to apply their knowledge and use scientific terminology. Students will also learn how to conduct ethical research and write empirical research activity reports.</p>
<p>Unit 1 & 2: Study how cells function and sustain life. Adaptations, reproduction, cell division and inheritance are examined.</p> <p>Unit 3 & 4: Further study of cells, cellular processes, gene structure and genetics. As well as immunity, natural selection and evolution. Explore human evolution and species relatedness.</p>	<p>Unit 1 & 2: Study the properties of matter, exploring the periodic table, the versatility of non-metals and organic compounds. As well as reactions involving water and the analysis of water.</p> <p>Unit 3 & 4: Learn about energy resources and chemical processes. As well as further explore organic compounds, along with food chemistry.</p>	<p>Unit 1 & 2: Study the sustainability of life on Earth. As well as the effect of pollution and its management.</p> <p>Unit 3 & 4: Explore the value of biodiversity and strategies to sustain and protect it. Analyse the impact of human energy use and explain the changes in the Earth's climate.</p>	<p>Unit 1 & 2: Study thermodynamic principles and how matter is formed. Investigate electric circuits, motion, energy and forces.</p> <p>Unit 3 & 4: Further explore motion and electricity. As well as how light and matter are similar.</p>	<p>Unit 1 & 2: Study how the brain functions and mental processes. Learn about psychological development and human perception.</p> <p>Unit 3 & 4: Further explore psychological functioning by understanding the nervous system. Explore learning, memory, consciousness and mental health.</p>
<p>Key Skills</p> <ul style="list-style-type: none"> • Writing & communication skills • Extensive scientific vocabulary • Heavy content load • Abstract thinking • Application questions • Practical report writing skills 	<p>Key Skills</p> <ul style="list-style-type: none"> • Abstract thinking • Analysis and interpretation skills • Mathematical skills • Extensive scientific vocabulary • Heavy content load • Practical report writing skills 	<p>Key Skills</p> <ul style="list-style-type: none"> • Extensive scientific vocabulary • Writing & communication skills • Recall and comprehension • Practical report writing skills • Some basic Maths skills 	<p>Key Skills</p> <ul style="list-style-type: none"> • Mathematical skills • Abstract thinking • Application questions • Practical report writing skills • Extensive scientific vocabulary 	<p>Key Skills</p> <ul style="list-style-type: none"> • Extensive scientific vocabulary • Writing & communication skills • Recall and comprehension • Heavy content load • Practical report writing skills • Extensive research methods • Basic Maths skills

HUMANITIES OVERVIEW

BUSINESS MANAGEMENT	GEOGRAPHY	HISTORY	LEGAL STUDIES	POLITICS	SOCIOLOGY
<p>VCE Business Management examines the ways businesses manage resources to achieve organisational objectives. It follows the process from the first idea of a business concept, to planning and establishing a business, the day-to-day management and also considers the changes that need to be made to ensure a business remains a viable entity. A range of management theories are considered and compared with contemporary case studies relevant to the curriculum content.</p>	<p>Through the study of Geography students learn to participate effectively as global citizens, through sustainable use and management of the world's resources. Geography addresses the key questions of: What is there? Where is it? Why is it there? What are the effects of it being there? How is it changing over time? Should it be like this? What will it be like in the future? Students will study the interaction between human and natural processes, where geographical features are located and why they are there, and what makes one place different from another, and how and why these differences matter.</p>	<p>History is the practice of understanding and making meaning of the past. Students learn about their historical past, their shared history and the people, ideas and events that have created societies and cultures. Students will develop their understanding of historical events through a combination of written, oral and visual forms. Students are encouraged to make links between contemporary and historical events.</p>	<p>Legal Studies examines the justice system in Australia. Students learn about the concepts of justice and power, the origins and nature of Australia's legal system, law making bodies, criminal and civil laws, the court system, the jury and consequences for actions that breach laws. Students consider reasons why laws are necessary and the impact of the Commonwealth Constitution on the operation of the legal system. Students evaluate the strengths and weaknesses of lawmaking bodies, the processes used to influence change and reform and the effective operation of the Victorian legal system.</p>	<p>VCE Global Politics is the study of contemporary power at both national and global levels. Through this study students explore, explain and evaluate national and global political issues, problems and events, the forces that shape these and responses to them. Global Politics offers students the opportunity to engage with key political, social and economic issues and to become informed citizens, voters and participants in their local, national and international communities. Global Politics is the study of forces that shape interactions between state and non-state actors in the twenty-first century.</p>	<p>Sociology focuses on the study of human and social interaction to understand how societies are organised, developed and change. Students examine key theories regarding family, deviance, ethnicity, community and social movements. Sociology draws on scientific method in the exploration of social relationships and the outcomes of social activities. Sociologists work to develop a reliable and valid body of knowledge based on research. In doing so, they adhere to various ethical codes of conduct.</p>
<p>Topics and Themes</p> <ul style="list-style-type: none"> • The Business Idea • External Environment • Internal Environment • Legal Requirements • Financial Requirements • Marketing a Business • Staffing a Business 	<p>Topics and Themes</p> <ul style="list-style-type: none"> • Characteristics of hazards • Response to hazards and disasters • Characteristics of tourism • Impact of tourism • Key geographical concepts • Geographical skills 	<p>Topics and Themes</p> <ul style="list-style-type: none"> • The Russian Revolution • The Great War • The Roaring Twenties • The Great Depression • New political ideas • World War II • Korean War • Vietnam War • The Cold War • Political cover up • Conspiracy theories 	<p>Topics and Themes</p> <ul style="list-style-type: none"> • Criminal Law • Civil Law • Crimes against the person • Role of Parliament • Role of courts • Police powers • individual rights • Sanctions • Remedies • Rights in Australia 	<p>Topics and Themes</p> <ul style="list-style-type: none"> • Power • Ideas • Democracy • 24-hour news cycle • political parties • Interest groups • The role of the media • Globalisation • Global Cooperation • Global conflict • Terrorism • People movement • Human rights 	<p>Topics and Themes</p> <ul style="list-style-type: none"> • Youth • Prejudice/discrimination • Ethics • Diversity of family • Government policy • Social control • Deviance • Moral panic

ARTS OVERVIEW

Folio Subjects require students to have strong organisational and time management skills. Subjects include both practical and academic content. Undertaking 2 folio subjects is a significant commitment both inside and outside of school. The expected hours of work at Unit 1 & 2 are 1 hour at school to 1 hour at home as a minimum. This increase to 1 hour at school to 1.5 hours at home for Units 3 & 4. Additional specific art materials, supplies and printing may be required to be purchased by individual students above what is provided by the school. Any students considering 3 or more folio subjects would be strongly encouraged to consider other options that complement their other folio choices.

STUDIO ARTS	VISUAL COMMUNICATION DESIGN	MEDIA
The creative nature provides students with the opportunity for personal growth, the expression of ideas and a process for examining identity.	Provides students with the opportunity to solve design problems creatively to explore media and experiment with materials. The practical and theoretical components are linked which allows students to interpret, analyse and produce effective visual communication.	VCE Media provides students with the opportunity to analyse and create a range of media products for specific audiences, This includes Video, Photography, Print and Audio.
Assessment: Media production, analysis essays and exams.	Assessment: Digital and manual production tasks – folio, analysis tasks, tests and exams.	Assessment: Analyse essays, media production, collaborative tasks and exams.
Subjects that support Studio Art: Sociology History, Psychology and Literature	Subjects that support VCD: Business Management, Sociology and IT.	Subjects that support Media: Sociology Psychology and Literature.

AUSTRALIAN & GLOBAL POLITICS

Scope of Study

VCE Australian and Global Politics is the study of contemporary power at both national and global levels. Through this study students explore, explain, analyse and evaluate national and global political issues, and events. Australian Politics is the study of how power is gained and exercised. It considers the significant ideas about organising political systems and features of the way politics is practised in Australia. It evaluates Australian democratic practices against particular ideas and principles that include representation, respect for rights, recognition of diversity and freedom of speech. Global Politics is the study of the political, social, cultural and economic forces that shape interactions between states and other global actors in the contemporary world. It examines the nature and power of key global actors and the types of power used by an Asia-Pacific state to achieve its national interests. It considers global ethical issues including human rights, people movement, development and arms control and explores the nature and effectiveness of global responses to crises such as climate change, armed conflict, terrorism and economic instability.

Unit Overview

Unit 1: Ideas, actors and power

In this unit students are introduced to the key ideas relating to the exercise of political power. They explore how these ideas shape political systems and in particular the characteristics of liberalism. They consider the nature of power in Australian democracy and in a non-democratic political system. They also explore the nature and influence of key political actors in Australia: political parties, interest groups and the media. All these forms of participation in Australian democracy influence the political agenda.

Unit 2: Global Connection

In this area of study students investigate the concept of a global community through considering contemporary case studies of global cooperation and conflict. The theory of cosmopolitanism advocates a global community with a common humanity and a shared vision of goals, beyond cultural, social, political and ethnic divides, through which global actors work to achieve common aims. The global community is composed of citizens, states, Intergovernmental Organisations (IGOs) such as the United Nations and the World Trade Organization.

BIOLOGY

Scope of Study

Biology is a diverse and evolving science discipline that seeks to understand and explore the nature of life, past and present. The study explores the diversity of life and the dynamic relationships between organisms and their interactions with the non-living environment. It also explores the processes of life, from the molecular world of the cell to that of the whole organism, that maintain life and ensure its continuity.

Students examine classical and contemporary research, models and theories to understand how knowledge in biology has evolved and continues to evolve in response to new evidence and discoveries. An understanding of the complexities and diversity of biology leads students to appreciate the interconnectedness of the content areas both within biology, and across biology and the other sciences.

VCE Biology provides for continuing study pathways within the discipline and leads to a range of careers. Branches of biology may include botany, genetics, immunology, microbiology, pharmacology and zoology.

Unit Overview

Unit 1: How do living things stay alive?

In this unit students are introduced to some of the challenges to an organism in sustaining life. Students examine the cell as the structural and functional unit of life, from the single celled to the multicellular organism. They analyse types of adaptations that enhance the organism's survival in a particular environment and develop an understanding of the processes by which an organism's internal environment is maintained.

Unit 2: How is the continuity of life maintained?

In this unit students focus on cell reproduction and the transmission of biological information from generation to generation. They examine the process of DNA replication and compare cell division in both prokaryotic and eukaryotic organisms. Students explore the mechanisms of asexual and sexual reproductive strategies, patterns of inheritance, the role of stem cells, and their potential use in medical therapies.

BUSINESS MANAGEMENT

Scope of Study

VCE Business Management examines the ways businesses manage resources to achieve objectives. Students develop an understanding of the complexity, challenges and rewards that come from business management and gain an insight into the various ways resources can be managed in small, medium and large-scale organisations. The study recognises that there is a range of management theories. In each Unit students examine some of these theories and, through exposure to real business scenarios and direct contact with business, compare them with management in practice. In studying VCE Business Management, students develop knowledge and skills that enhance their confidence and ability to participate effectively, as socially responsible and ethical members of the business community, and as informed citizens, consumers and investors.

Unit Overview

Unit 1: Planning a Business

In Unit 1 students find that businesses of all sizes are major contributors to the economic and social wellbeing of a nation. Taking a business idea and planning how to make it a reality are the cornerstones of economic and social development. Students explore the factors affecting business ideas and the internal and external environments within which businesses operate and the effect of these on planning a business

Unit 2: Establishing a Business

This unit focus on the establishment of a business's life. They will look at complying with legal requirements as well as making decisions about how best to establish a system of financial record keeping, staffing the business and establishing a customer base.

CHEMISTRY

Scope of Study

Chemistry is a key science in explaining the workings of our Universe through an understanding of the properties and interaction of substances that make up matter. Most processes, from the formation of molecules in outer space to the complex biological interactions occurring in cells, can be described by chemical theories. Although there are no sharp boundaries between Sciences such as Chemistry, Physics and Biology, Chemistry is used to explain natural phenomena at the molecular level, as well as create new materials such as medicines and polymers.

The development of modern society has been intimately linked with the successful integration of chemical knowledge into new technologies. This continues with emerging fields such as Biotechnology and Nanotechnology. Many people develop an 'applied' knowledge of Chemistry through their careers and day-to-day pursuits. Chemistry permeates numerous fields of endeavour, including Agriculture, Art, Biochemistry, Dietetics, Engineering, Environmental studies, Food, Forensic science, Forestry, Horticulture, Law, Medicine, Oceanography, Pharmacy, Sports Science and Winemaking.

Unit Overview

Unit 1: How can the diversity of materials be explained

Students investigate the chemical properties of a range of materials. They explore and explain relationships between properties, structure and bonding forces between and within particles. Students use chemical terminology to represent and explain observations and data from experiments and are introduced to the quantitative and qualitative concepts in Chemistry.

Unit 2: What makes water such a unique chemical?

Students will investigate the properties of water, how water is able to act as a solvent and how different substances interact with the water particles. They will conduct water analysis for salts, organic compounds and acid/base particles and measure the solubility and concentration of various solutions. In this unit the students will also undertake a quantitative investigation relating to water.

CHINESE LANGUAGE, CULTURE AND SOCIETY

Scope of Study

Through this study students develop an understanding of the language, social structures, traditions and contemporary cultural practices of diverse Chinese-speaking communities. They extend their study of the Chinese language, develop the skills to critically analyse different aspects of the cultures of Chinese-speaking peoples and their communities, and gain insight into the connections between languages, cultures and societies. The language to be studied is Modern Standard Chinese. Modern Standard Chinese is taken to be Putonghua in the spoken form and simplified character text in the written form. Throughout the Chinese-speaking communities, Modern Standard Chinese may also be known as Mandarin, Guoyu, Huayu, Hanyu, Zhongwen and Zhongguohua.

Unit Overview

Unit 1:

In this unit students focus on important aspects of life in modern China. They explore the tradition of filial piety and examine and explore the impact of generational change in families. Students analyse the schooling system to consider and reflect on cultural values in China. They participate in discussions and analyse research about family and education in China. Students interact with other learners of the language and share information related to aspects of their personal world and life in Chinese-speaking communities.

Unit 2:

This unit focuses on the importance of myths, legends and Chinese art. Aspects of Chinese culture are explored through Chinese mythology as reflected through contemporary culture. Students undertake research related to, for example, mythology, legends and art. This unit also focuses on developing the students' capacity to interact in spoken Chinese. Students develop their language skills by initiating, maintaining and closing an exchange. Tourism, geographical features and regional differences in China are considered.

COMPUTING

Scope of Study

VCE Computing focuses on the application of a problem-solving methodology, and strategies and techniques for managing information systems in a range of contexts, to create digital solutions that meet specific needs. The study examines the attributes of each component of an information system including people, processes, data and digital systems (hardware, software, networks), and how their interrelationships affect the types and quality of digital solutions. VCE Computing is underpinned by four key concepts: approaches to problem solving, data and information, digital systems and interactions and impact. An important component of the study is the opportunity for students to develop the shared understanding in social networks that enable cooperation and a cooperative approach to problem solving. VCE Computing provides students with opportunities to acquire and apply knowledge and skills to use digital systems efficiently and effectively when creating digital solutions both individually and as part of a network. VCE Computing provides pathways to further studies in IT and to careers in ICT-based areas. It also prepares students for programs that require an IT-related subject or for a range of careers that require efficient and effective use of ICT.

Unit Overview

Students focus on how data, information and networked digital systems can be used to meet a range of users' current and future needs. Students will create digital solutions that graphically presents the information, examine the technical underpinnings of wireless and mobile networks, and security controls. Acquire and apply their knowledge of information architecture and user interfaces, when creating a website. Students also focus on application of computational, design and systems thinking skills to support the creation of solutions that automate the processing of data. They will use programming and scripting languages, databases and data visualization tools to create solutions that that are clear, usable, attractive, and reduce the complexity of data.

DRAMA

Scope of Study

VCE Drama focuses on the creation and performance of characters and stories that communicate ideas, meaning and messages. Students use creative processes, a range of stimulus material and play-making techniques to develop and present devised work. Students learn about and draw on a range of performance styles relevant to practices of ritual and story-telling, contemporary drama practice and the work of significant drama practitioners. They use performance skills and expressive skills to explore and develop role and character. The performances they create will go beyond the reality of life as it is lived and may pass comment on or respond to aspects of the real world. Students also analyse the development of their own work and performances by other drama practitioners.

Unit Overview

Unit 1: Introducing performance styles

In this unit students study three or more performance styles from a range of social, historical and cultural contexts. They examine drama traditions of ritual and storytelling to devise performances that go beyond re-creation and/or representation of real life as it is lived. This unit focuses on creating, presenting and analysing a devised solo and/or ensemble performance that includes real or imagined characters and is based on stimulus material that reflects personal, cultural and/or community experiences and stories. This unit also involves analysis of a student's own performance work and a work by professional drama performers. They document the processes they use as they explore a range of stimulus material, and experiment with production areas, dramatic elements, conventions and performance styles.

Unit 2: Australian Identity

In this unit students study aspects of Australian identity evident in contemporary drama practice. This unit focuses on the use and documentation of the processes involved in constructing a devised solo or ensemble performance. Students create, present and analyse a performance based on a person, an event, an issue, a place, an artwork, a text and/or an icon from a contemporary or historical Australian context. Students further develop their knowledge of the conventions of transformation of character, time and place, the application of symbol, and how these conventions may be manipulated to create meaning in performance and the use of dramatic elements and production areas. Across this unit, students study performance styles from a range of historical and/or social and/or cultural contexts.

ENVIRONMENTAL SCIENCE

Scope of Study

Environmental Science provides the opportunity for students to understand the structure, function and diversity of natural ecosystems on this planet and evaluate the impacts of human activities on them. Students examine strategies to maintain and protect the ecological health of the environment while meeting the needs and desires of human populations.

Environmental Science investigates the interactions between natural and human systems. This study examines the application of environmental science to ecologically sustainable development and environmental management. Students should understand the values and attitudes that underpin environmental decisions and reflect on effective ways for modifying behaviour of individuals and groups for positive environmental outcomes. While undertaking this study, students will develop skills in practical scientific investigations, environmental fieldwork techniques, report writing, research and analysis.

Unit Overview

Unit 1: How the earth Systems are connected?

The Earth has a set of four interacting systems: the atmosphere, biosphere, hydrosphere and lithosphere. Students apply a systems perspective when exploring the physical requirements for life in terms of inputs and outputs and consider the effects of natural and human-induced changes in ecosystems. They investigate the physical environment and its components, the function of local ecosystems and the interactions that occur in and between ecological components over different timescales. A student practical investigation related to ecosystem monitoring is undertaken in this unit.

Unit 2: How can pollution be managed?

In this unit students explore the concept of pollution and associated impacts on Earth's four systems through global, national and local perspectives. They analyse the effects of pollutants on the health of humans and the environment over time. They explore the significance of technology, government initiatives, communities and individuals in redressing the effects of pollutants, and consider how values, beliefs and evidence affect environmental decision making. Students compare three pollutants of national and/or global significance with reference to their effects in the atmosphere, biosphere, hydrosphere and lithosphere, and discuss management options. Students undertake an in-depth case study of the management strategies that apply to a pollutant of local concern related to ecosystem monitoring and/or change

FOOD STUDIES

Scope of Study

VCE Food Studies takes an interdisciplinary approach to the exploration of food, with an emphasis on extending food knowledge and skills and building individual pathways to health and wellbeing through the application of practical food skills. Students explore food from a wide range of perspectives. They study past and present patterns of eating, Australian and global food production systems and the many physical and social functions and roles of food. They research economic, environmental and ethical dimensions of food and critically evaluate information, marketing messages and new trends.

Practical work is integral to Food Studies and includes cooking, demonstrations, creating and responding to design briefs, dietary analysis, food sampling and taste-testing, sensory analysis, product analysis and scientific experiments.

Unit Overview

Unit 1

Students investigate the many roles and everyday influences of food. They explore the science of food as well as the influences on food choice. The practical component focuses on understanding the food science terminology and applying specific techniques to the production of everyday food that facilitates the establishment of nutritious and sustainable meal patterns.

Unit 2

Students examine debates about global and Australian food systems. The practical component provides students with opportunities to apply their responses to environmental and ethical food issues, and to extend their food production repertoire reflecting the Australian Dietary Guidelines and the Australian Guide to Healthy Eating.

GENERAL MATHS

Scope of Study

General Mathematics provides courses of study for a broad range of students and may be implemented in a number of ways. Unit 1 & 2 covers six areas of study and with each study four or more topics are selected. General Maths will prepare students for Further Mathematics Unit 3 & 4.

General Mathematics Units 1 and 2 may be taken alone or in conjunction with Mathematical Methods Units 1 and 2. They contain assumed knowledge and skills for related material in Further Mathematics Unit 3 & 4.

Unit Overview

Unit 1

This unit introduces students to the areas of study: 'Geometry, measurement & trigonometry', 'Algebra and structure', 'Discrete mathematics', 'Graphs of linear & non-linear relations' and 'Statistics'.

Unit 2

This unit introduces students to the areas of study: 'Arithmetic and number', 'Geometry, measurement & trigonometry' and 'Statistics'. Within each area of study, units will be selected to best prepare students for their future pathway. General Maths (Further Maths) will include units that provide a foundation for Further Maths Unit 3 & 4.

GEOGRAPHY

Scope of Study

The study of Geography is a structured way of exploring, analysing and understanding the characteristics of places that make up our world. VCE Geography enables students to examine natural and human phenomena, how and why they change, their interconnections and the patterns they form across the Earth's surface. In doing so, they develop a better understanding of their own place and its spaces and those in other parts of the world. These spatial perspectives, when integrated with historical, economic, ecological and cultural perspectives, deepen understanding of places, environments and human interactions with these.

Students explore these questions through fieldwork and investigation of a wide range of secondary sources. These methods underpin the development of a unique framework for understanding the world, enabling students to appreciate its complexity, the diversity and interactions of its environments, economies and cultures, and the processes that helped form and transform them.

Unit Overview

Unit 1: Hazards and disasters

In this unit students examine the processes involved with hazards and hazard events, including their causes and impacts, human responses to hazard events and interconnections between human activities and natural phenomena. Student will investigate how people have responded to specific types of hazards, including attempts to reduce vulnerability to, and the impact of, hazard events. Types of hazards explored include those from the following categories: geological, hydro- meteorological, biological or technological hazards.

Unit 2: Tourism

In this unit students investigate the characteristics of tourism, with particular emphasis on where it has developed, its various forms, how it has changed and continues to change and its impacts on people, places and environments. Students examine the interconnection of tourism with and between places at local, regional and global scales and consider the importance of careful management to ensure environmentally sustainable and economically viable tourism.

GERMAN

Scope of Study

The areas of study for German comprise themes and topics, text types, kinds of writing, vocabulary and grammar. They are common to all four units of the study, and they are designed to be drawn upon in an integrated way, as appropriate to the linguistic needs of the student, and the outcomes for the unit.

Students will demonstrate the achievement of the outcomes through the employment of the four macro skills (listening, speaking, reading and writing) in relation to the key themes and topics. The common areas of study have been selected to provide the opportunity for the student to build upon what is familiar, as well as develop knowledge and skills in new and more challenging areas.

Unit Overview

Unit 1

This unit focuses on the individual, explored within the topics of daily life, student exchanges, free time and leisure activities. Students use a variety of text types to expand their skills and knowledge of the German language and culture. Outcomes include reading, writing, listening and speaking.

Unit 2

This unit focuses on the German-speaking communities and the changing world; examined within the topics of arts and entertainment, visiting Germany, and the world of work. Students continue to use a variety of text types to consolidate their skills and knowledge of the German language and culture. Outcomes include reading, writing, listening and speaking.

HEALTH & HUMAN DEVELOPMENT

Scope of Study

VCE Health and Human Development takes a broad and multidimensional approach to understanding health and wellbeing. Students investigate the World Health Organization's definition and other interpretations of health and wellbeing. For the purposes of this study, students consider wellbeing to be an implicit element of health. Wellbeing is a complex combination of all dimensions of health, characterised by an equilibrium in which the individual feels happy, healthy, capable and engaged.

Unit Overview

Unit 1: Understanding Health and Wellbeing

This unit looks at health and wellbeing as a concept with varied and evolving perspectives and definitions. It takes the view that health and wellbeing are subject to a wide range of contexts and interpretations, with different meanings for different people.

As a foundation to the understanding of health, students should investigate the World Health Organization's (WHO) definition and also explore other interpretations. Wellbeing is a complex combination of all dimensions of health, characterised by an equilibrium in which the individual feels happy, healthy, capable and engaged. For the purposes of this study, students should consider wellbeing to be an implicit element of health.

Unit 2: Managing Health and Development

This unit investigates transitions in health and wellbeing, and development, from lifespan and societal perspectives. Students look at changes and expectations that are part of the progression from youth to adulthood.

This unit promotes the application of health literacy skills through an examination of adulthood as a time of increasing independence and responsibility, involving the establishment of long-term relationships, possible considerations of parenthood and management of health-related milestones and changes.

HISTORY TWENTIETH CENTURY

Scope of Study

History is the practice of understanding and making meaning of the historical past. It is also the study of the problems of establishing and representing that meaning. It is a synthesising discipline which draws upon most elements of knowledge and human experience. Students learn about their historical past, their shared history and the people, ideas and events that have created present societies and cultures of the 20th century.

This study builds a conceptual and historical framework within which students can develop an understanding of the issues of their own time and place. It seeks to extend students' cultural, economic, social and political understanding while developing analytical skills and using imagination.

Unit Overview

Unit 1

In this area of study students explore the events, ideologies and movements of the period after World War One; the emergence of conflict; and the causes of World War Two. They investigate the impact of the treaties which ended the Great War and which redrew the map of Europe and broke up the former empires of the defeated nations. They consider the aims, achievements and limitations of the League of Nations. In this area of study students focus on the social life and cultural expression in the 1920s and 1930s and their relation to the technological, political and economic changes of the period. Students explore particular forms of cultural expression from the period in one or more of the following contexts: Italy, Germany, Japan, USSR and/ or USA.

Unit 2

In this area of study students focus on causes and consequences of the Cold War; the competing ideologies that underpinned events, the effects on people, groups and nations, and the reasons for the end of this sustained period of ideological conflict. Students explore the causes of the Cold War in the aftermath of World War Two. They investigate significant events and developments and the consequences for nations and people in the period 1945 –1991. In this area of study students focus on the ways in which traditional ideas, values and political systems were challenged and changed by individuals and groups in a range of contexts during the period 1945 to 2000. Students explore the causes of significant political and social events and movements, and their consequences for nations and people.

INDONESIAN

Scope of Study

The areas of study for Indonesian comprise themes and topics, text types, kinds of writing, vocabulary and grammar. They are common to all four units of the study, and they are designed to be drawn upon in an integrated way, as appropriate to the linguistic needs of the student, and the outcomes for the unit.

Students will demonstrate the achievement of the outcomes through the employment of the four macro skills (listening, speaking, reading and writing) in relation to the key themes and topics. The common areas of study have been selected to provide the opportunity for the student to build upon what is familiar, as well as develop knowledge and skills in new and more challenging areas.

Unit Overview

Unit 1

This unit focuses on the individual, explored within the topics of daily life, student exchanges, free time and leisure activities, as well as beginning to form opinions based on the environment. Students use a variety of text types to expand their skills and knowledge of the Indonesian language and culture. Outcomes include reading, writing, listening and speaking.

Unit 2

This unit focuses on the Indonesian-speaking communities and the changing world; examined within the topics of arts, literature and entertainment, visiting Indonesia, and the world of work. Students continue to use a variety of text types to consolidate their skills and knowledge of the Indonesian language and culture. Outcomes include reading, writing, listening and speaking.

LEGAL STUDIES

Scope of Study

VCE Legal Studies examines the institutions and principles which are essential to Australia's legal system. Students develop an understanding of the rule of law, law-makers, key legal institutions, rights protection in Australia, and the justice system. Through applying knowledge of legal concepts and principles to a range of actual and/or hypothetical scenarios, students develop their ability to use legal reasoning to argue a case for or against a party in a civil or criminal matter. They consider and evaluate recent and recommended reforms to the criminal and civil justice systems, and engage in an analysis of the extent to which our legal institutions are effective and our justice system achieves the principles of justice.

Unit Overview

Unit 1: Guilt and liability

Criminal law and civil law aim to achieve social cohesion and protect the rights of individuals. Criminal law is aimed at maintaining social order and infringing criminal law can result in charges. Civil law deals with the infringement of a person's or group's rights and breaching civil law can result in litigation.

In this unit students develop an understanding of legal foundations, such as the different types and sources of law and the existence of a court hierarchy in Victoria. Students investigate key concepts of criminal law and civil law and apply these to actual and/or hypothetical scenarios to determine whether an accused may be found guilty of a crime, or liable in a civil dispute

Unit Overview

Unit 2: Sanctions, Remedies and Rights

Criminal law and civil law aim to protect the rights of individuals. When rights are infringed, a case or dispute may arise which needs to be determined or resolved, and sanctions or remedies may be imposed.

This unit focuses on the enforcement of criminal law and civil law, the methods and institutions that may be used to determine a criminal case or resolve a civil dispute, and the purposes and types of sanctions and remedies and their effectiveness. Students undertake a detailed investigation of two criminal cases and two civil cases from the past four years to form a judgment about the ability of sanctions and remedies to achieve the principles of justice.

MATHS METHODS

Scope of Study

Mathematical Methods (CAS) Units 1 and 2 are designed as preparation for Mathematical Methods (CAS) Units 3 and 4. The areas of study for Units 1 and 2 are 'Functions and graphs', 'Algebra', 'Calculus' and 'Probability and statistics'.

Students are expected to be able to apply techniques, routines and processes involving rational and real arithmetic, algebraic manipulation, equation solving, graph sketching, differentiation and integration with and without the use of technology, as applicable. Students should be familiar with relevant mental and by hand approaches in simple cases.

The appropriate use of computer algebra system (CAS) technology to support and develop the teaching and learning of mathematics, and in related assessments, is to be incorporated throughout the unit.

Unit Overview

Unit 1

Students will use algebraic and graphical methods to solve problems involving linear, quadratic, cubic and quartic functions. They will use common theorems to manipulate higher-order polynomials. They will learn how to identify the axis intercepts and stationary points of a function, and they will use simultaneous equations to solve real-world problems. Students will also gain exposure to advanced functions that involve asymptotes, hyperbole and inverses.

Unit 2

Students will use simulations, diagrams and tables to solve real-world problems involving probability. They will be introduced to calculus, and will learn how to differentiate and integrate functions by rule. They will also examine the uses of calculus in curve sketching. Students will be introduced to circular, logarithmic and exponential functions.

MEDIA

Scope of Study

The media is ubiquitous in today's world. Working on a personal, local, national and global level, media is deeply embedded within life and culture. It entertains, teaches, informs, and shapes audiences' perception of their lives and the worlds in which they live.

Stories in all their forms are at the heart of the media and its relationship with audiences. Through stories narratives are constructed that engage, and are read, by audiences. Representations of ideas, realities and imagination are constructed and deconstructed, remixed and reimagined with ever increasing technological sophistication, ease and speed to engage audiences. Students examine how and why the media constructs and reflects reality and how audiences engage with, consume, read, create and produce media products.

Unit Overview

Unit 1: Media forms, representations and Australian stories

The relationship between audiences and the media is dynamic and changing. Audiences engage with media products in many ways. They share a common language with media producers and construct meanings from the representations within a media product. In this unit students develop an understanding of audiences and the core concepts underpinning the construction of representations and meaning in different media forms. They explore media codes and conventions and the construction of meaning in media products.

Unit 2: Narrative across media forms

In this unit students further develop an understanding of the concept of narrative in media products and forms in different contexts. Narratives in both traditional and newer forms include, television, sound, news, print, photography, games, and interactive digital forms. Students analyse the influence of developments in media technologies on individuals and society, examining in a range of media forms the effects of media convergence and hybridisation on the design, production and distribution of narratives in the media and audience engagement, consumption and reception.

MUSIC PERFORMANCE

Scope of Study

Students focus on building performance and musicianship skills. Students present performances of selected group and solo music works using one or more instruments. They study the work of other performers and explore strategies to optimise their own approach to performance. They identify technical, expressive and stylistic challenges relevant to works they are preparing for performance and practise technical work to address these challenges. They also develop skills in performing previously unseen music. Students study aural, theory and analysis concepts to develop their musicianship skills and apply this knowledge when preparing and presenting performances. Students also devise an original composition or improvisation

Unit Overview

Unit 1

This unit requires students to prepare and perform a program of solo and group works with the assistance of a specialist instrumental teacher. Students develop technical skills on their chosen instrument as well as furthering their knowledge in music theory. Students develop their aural skills through the progression of various aural exercises and listening tasks.

Unit 2

This unit requires students to prepare and perform a program of solo and group works with the assistance of a specialist instrumental teacher. Students develop technical skills on their chosen instrument as well as furthering their knowledge in the area of music theory and composition/ improvisation. Students develop their aural skills through the progression of various aural exercises and listening tasks.

PHYSICAL EDUCATION

Scope of Study

Physical Education allows students to explore interrelationships between anatomical, biomechanical, physiological and skill acquisition principles to understand their role in producing and refining movement. Students examine a range of influences that can impact on performance and participation in physical activity. Students participate in practical activities to examine the core concepts of movement that influence performance and participation in physical activity, sport and exercise. Students also explore and reflect on factors that affect all levels of performance and participation in sport, exercise and physical activity.

Unit Overview

Unit 1

Students explore how the musculoskeletal and cardiorespiratory systems work together to produce movement. Through practical activities students explore the relationships between the body systems and physical activity, sport and exercise, and how the systems adapt and adjust to the demands of the activity. Students investigate the role and function of the main structures in each system and how they respond to physical activity, sport and exercise.

Students evaluate the social, cultural and environmental influences on movement. They consider the implications of the use of legal and illegal practices to improve the performance of the musculoskeletal and cardiorespiratory systems, evaluating perceived benefits and describing potential harms.

Unit 2

Students develop understanding of physical activity, sport and society from a participatory perspective. Students are introduced to types of physical activity and the role participation in physical activity and sedentary behaviour plays in their own health and wellbeing as well as in other people's lives in different population groups. Students experience and explore different types of physical activity promoted in their own and different population groups. They gain an appreciation of the level of physical activity required for health benefits.

Scope of Study

Physics seeks to understand and explain the physical world. It examines models and ideas used to make sense of the world and which are sometimes challenged as new knowledge develops. By looking at the way matter and energy interact through observations, measurements and experiments, physicists gain a better understanding of the underlying laws of nature.

VCE Physics provides students with opportunities to explore questions related to the natural and constructed world. The study provides a contextual approach to exploring selected areas within the discipline including atomic physics, electricity, fields, mechanics, thermodynamics, quantum physics and waves. Students examine classical and contemporary research, models and theories to understand how knowledge in physics has evolved and continues to evolve in response to new evidence and discoveries

Unit Overview

Unit 1

This covers three topics: Thermodynamics, Electricity and Nature of matter and origin of atoms, time and space including Nuclear physics. In this topic they examine the currently accepted theory of what constitutes the nucleus, the forces within the nucleus and how energy is derived from the nucleus. In electricity students develop conceptual models to analyse electrical phenomena and undertake practical investigations of circuit components. In thermodynamics students investigate the principles related to heating processes, including concepts of temperature, energy and work. Students examine the environmental impacts of Earth's thermal systems and human activities with reference to the effects of the emission of greenhouse gases and the contribution to the enhanced greenhouse effect.

Unit 2

This covers two topics: Motion and optional study. Students conduct extended practical investigation and present their results in a scientific poster. In motion student learn various theories of motion and investigate life-situations by applying Newton's laws.

PSYCHOLOGY

Scope of Study

Psychology is the scientific study of mental processes and behaviour in humans. Biological, behavioural, cognitive and socio-cultural perspectives inform the way psychologists approach their research into the human condition. Students explore complex human behaviours and thought processes. Psychology provides students with a sophisticated framework for understanding the complex interactions between biological, behavioural, cognitive and socio-cultural factors that influence thought, emotions and behaviour. The study assists students to further develop effective language skills for communication, and numeracy skills for research, data analysis and other applications. In addition, students develop a range of broader skills including those of problem solving critical evaluation and the application of processes of scientific inquiry.

Unit Overview

Unit 1: How are behaviour and mental processes shaped?

This unit focusses on human development involving changes in thoughts, feelings and behaviours. Students investigate the structure and functioning of the human brain and the role it plays in the overall functioning of the human nervous system. Students explore brain plasticity and the influence that brain damage may have on a person's psychological functioning. They consider the complex nature of psychological development, including situations where psychological development may not occur as expected.

Unit 2: How do external factors influence behaviour and mental processes?

This unit focusses on how individuals' thoughts, feelings and behaviours are influenced by a variety of biological, psychological and social factors. Students investigate how perception of stimuli enables a person to interact with the world around them and how their perception of stimuli can be distorted. They evaluate the role social cognition plays in a person's attitudes, perception of themselves and relationships with others. Students explore a variety of factors and contexts that can influence the behaviour of an individual and groups.

SOCIOLOGY

Scope of Study

Sociology focuses on the study of human behaviour and social interaction to understand how societies are organised, develop and change. In VCE Sociology students examine key theories regarding family, deviance, ethnicity, community and social movements. In VCE Sociology students learn about and apply the sociological imagination by questioning their assumptions and reflecting on their understandings and ideas about social relations. Sociology draws on scientific method in the exploration of social relationships and the outcomes of social activities.

Unit Overview

Unit 1: Youth and Family

This unit uses sociological methodology to explore the social category of youth and the social institution of family. Sociologists draw on methods of science to understand how and why people behave the way they do when they interact in a group. Area of Study 1 explores the way youth is constructed as a social category, in the light of differing experiences of young people. Students explore how and why the experience of being young differs across time and space. In Area of Study 2, students investigate the social institution of the family. In a multicultural society like Australia, different communities have different kinds of families and experiences of family life.

Unit 2: Social Norms – Breaking the Code

In this unit students explore the concepts of deviance and crime. The study of these concepts from a sociological perspective involves ascertaining the types and degree of rule breaking behaviour, examining traditional views of criminality and deviance and analysing why people commit crimes or engage in deviant behaviour. It also involves consideration of the justice system, how the understanding of crime and deviance has changed over time, and the relationship between crime and other aspects of a society, such as gender and ethnicity. Students explore the concept of deviance and explore the phenomenon known as moral panic.

SPECIALIST MATHS

Scope of Study

Specialist Maths provides a rigorous and academic course of study for students for whom mathematics is a strength. Mathematical Methods Units 1 and 2 and Specialist Maths Units 1 and 2, taken in conjunction, provide a comprehensive preparation for Specialist Maths Units 3 and 4. This study has a focus on interest in the discipline of mathematics in its own right and investigation of a broad range of applications, as well as development of a sound background for further studies in mathematics and mathematics related fields.

Specialist Mathematics Units 1 and 2 must be taken in conjunction with Mathematical Methods Units 1 and 2. Specialist Maths Units 1 and 2 consists of the following areas of study: 'Functions and graphs', 'Algebra and structure', 'Arithmetic and number', 'Discrete mathematics', 'Geometry, measurement and trigonometry', 'Graphs of linear and non-linear relations' and 'Statistics'.

Unit Overview

Unit 1: This unit includes the areas of study: 'Graphs of linear and non-linear relations', 'Algebra and structure', 'Statistics' and 'Geometry, measurement and trigonometry'

Unit 2: This unit includes the areas of study: 'Arithmetic and number', 'Geometry, measurement and trigonometry', 'Graphs of linear and non-linear relations'

STUDIO ARTS

Scope of Study

VCE Studio Arts encourages and supports students to recognise their individual potential as art makers and presents a guided process to assist their understanding and development of artmaking. The study establishes effective art practices through the application of an individual design process to assist the student's production of a folio of artworks.

Unit Overview

Unit 1: Artistic inspiration and techniques

This unit focuses on using sources of inspiration and individual ideas as the basis for developing artworks and exploring a wide range of materials and techniques as tools for communicating ideas, observations and experiences through artmaking.

Unit 2: Design exploration and concepts

This unit focuses on students establishing and using a design process to produce artworks. The design process includes the formulation and use of an individual approach to locating sources of inspiration, experimentation with materials and techniques, and the development of aesthetic qualities, directions and solutions prior to the production of artworks.

VISUAL COMMUNICATION & DESIGN

Scope of Study

The Visual Communication Design study examines the way visual language can be used to convey ideas, information and messages in the fields of communication, environmental and industrial design. Designers create and communicate through visual means to influence everyday life for individuals, communities and societies. Visual communication design relies on drawing as the primary component of visual language to support the conception and visualisation of ideas.

Students employ a design process to generate and develop visual communications. The design process provides a structure to organise design thinking and is shaped by considerations of aesthetics and functionality, as well as social, cultural, environmental and economic factors. Creative, critical and reflective thinking supports students to progress through the design process. Throughout the study students explore manual and digital methods to develop and refine presentations.

Unit Overview

Unit 1: Introduction to visual communication design.

This unit focuses on using visual language to communicate messages, ideas and concepts. This involves acquiring and applying design thinking skills as well as drawing skills to make messages, ideas and concepts visible and tangible. Students practise their ability to draw what they observe and they use visualisation drawing methods to explore their own ideas and concepts. Students develop an understanding of the importance of presentation drawings to clearly communicate their final visual communications.

Unit 2: Applications of visual communication design.

In this unit students use presentation drawing methods that incorporate the use of technical drawing conventions to communicate information and ideas associated with the environmental or industrial fields of design. They investigate how typography and imagery are used in visual communication design. They apply design thinking skills when exploring ways in which images and type can be manipulated to communicate ideas and concepts in different ways in the communication design field. Students develop an understanding of the design process as a means of organising their thinking about approaches to solving design problems and presenting ideas. In response to a brief, students engage in the stages of research, generation of ideas and development of concepts to create visual communications.

VCE SUBJECTS 2021 – COST SHEET

SUBJECT	Cost
Technology	
Food Studies 1-4	\$210.00
Visual Communication & Design 1-2	\$160.00
Visual Communication & Design 3-4	\$175.00
Applied Computing 1-2	\$10.00
Software Development 3-4	\$10.00
Media 1-2 (Top Arts excursion)	\$60.00
Media 3-4	\$80.00
The Arts/ Performing Arts	
Music Performance 1-4	\$20.00
Drama 1-2	NIL
Studio Arts 1-4 (Top Arts excursion)	\$150.00
Sport	
Health and Human Development 1-2	NIL
Health and Human Development 3-4	\$60.00
Physical Education 1	\$40.00
Physical Education 2	\$60.00
English, Science, Mathematics, Humanities and Others	
English 1-4	NIL
English Language 1-4	NIL
English (EAL) 1-4	NIL
Literature 1-4	NIL
Biology 1-2	NIL
Biology 3-4	\$30.00
Chemistry 1-4	\$30.00
Environmental Science 1-4	NIL
Physics 1-2	\$20.00
General Mathematics 1-2	NIL
Further Mathematics 3-4	NIL
Maths Methods 1-4	NIL
Maths Specialist 1-4	NIL
History Twentieth Century 1-2	NIL
History Revolutions 3-4	NIL
Geography 1-4	\$40.00
Business Management 1-2	NIL

VCE SUBJECTS 2021 – COST SHEET

SUBJECT	Cost
English, Science, Mathematics, Humanities and Others continued	
Business Management 3-4 (excursion – Yakult)	\$30.00
Industry and Enterprise 1-2	NIL
Australian & Global Politics 1-2	NIL
Global Politics 3-4	NIL
Legal Studies 1-4	NIL
German	NIL
Indonesian	NIL
Chinese Language, Culture and Society 1-2	NIL
Psychology	NIL
Sociology 1-4	NIL