Southern Cross
SCHOOL OF DISTANCE EDUCATION

2019 Stage 5
(Years 9/10)
Course Information Booklet

Our school stands proudly on Bundjalung land

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Years 9 and 10

Following is a table of the subjects and hours you should spend on them each week for your Distance Education work. You should also spend some time on homework, revising and consolidating your weekly work.

Subject	Hours to be spent on subjects
English	3 – 4 hours weekly
Maths	3 – 4 hours weekly
Science	3 – 4 hours weekly
Mandatory Geography	1 ½ – 2 hours per week
Mandatory History	1 ½ – 2 hours per week
PDHPE	2 – 2 ½ Hours per week
The subjects listed above are mandated by the NESA for years 9 and 10 and are required to be attempted in order to be eligible to receive the RoSA. Regular reviews of student progress and engagement in learning will take place.	
Electives	2 ½ – 3 Hours per week per elective * two electives expected to be studied at SCSODE
The NESA recommends electives as part of the Stage 5 pattern of study. Electives are mandated by the Department of Education and Communities (DEC)	
Sport	2 hours per week
Sport is a requirement of the Department of Education and Communities (DEC).	
Contacting Teachers	2 – 3 hours per week
Home study	2 – 3 hours per week

Suggested timetable for working on your DE school work:

Monday	Tuesday	Wednesday	Thursday	Friday
Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
Contacting Teachers	Elective 1	PD/H/PE	Science	English
Mandatory Geography	Elective 1	PD/H/PE	Science	English
Morning tea	Morning tea	Morning tea	Morning tea	Morning tea
Mandatory Geography	Elective 2	Maths	Science	English
Mandatory Geography	Mandatory History	Maths	Science	English
Lunch	Lunch	Lunch	Lunch	Lunch
Elective 2	Mandatory History	Maths	Elective 1	Sport
Elective 2	Mandatory History	Maths	Contacting Teachers	Sport
Afternoon Break	Afternoon Break	Afternoon Break	Afternoon Break	Afternoon Break
	Homework + revision	Homework + revision	Homework + revision	

Stage 5 Mandatory courses

English

The study of English develops knowledge, understanding, appreciation and skills as effective communicators. You will read and view a variety of texts as well as writing imaginative, interpretative and critical texts of your own. In Stage 5 English you engage with literature from the past as well as contemporary examples including spoken, visual, media and multimedia texts.

You will learn:

- think critically, creatively, imaginatively and to interpret texts
- express to ideas about yourself, relationships with others and the world
- develop clear and precise skills in reading, listening, speaking, viewing and representing
- develop communication and language skills for a range of audiences and in a range of texts
- reflect on your learning in English
- a range of texts including fiction, nonfiction, poetry, media, drama, multimedia and digital
- cultural heritages, popular culture and youth culture, social, gender and cultural perspectives through a variety of texts
- Australian literature, insights into Aboriginal experiences and multicultural experiences in Australia
- literature from other countries and times including insights about peoples and cultures of Asia

Mathematics

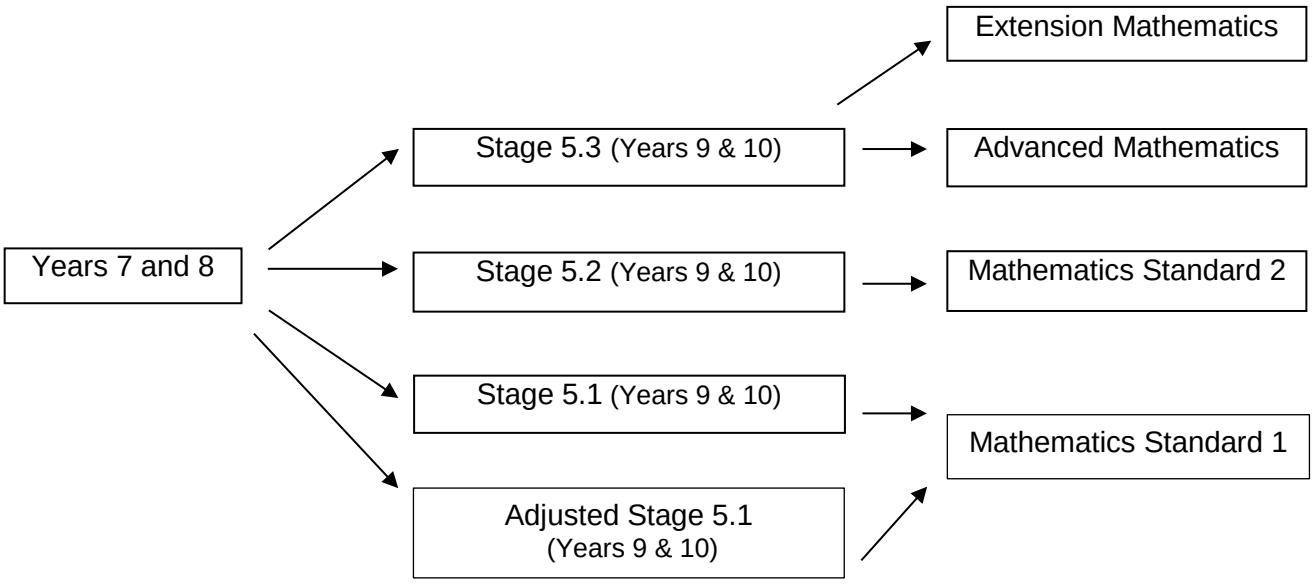
There are three progressive pathways in Mathematics in Year 9 and 10. They are 5.1 5.2 and 5.3 Mathematics. In addition, there is an adjusted Stage 5.1 Mathematics course for those students who need extra assistance with Mathematics. The pathway that a student undertakes during Years 9 and 10 will be based upon how well a student has coped with Mathematics in Year 8, and there will be many opportunities for a student to move between the different pathways throughout Years 9 and 10.

What will students learn about?

Students study Number and Algebra, Measurement and Geometry, Statistics and Probability.
Each course is designed to cater for the needs of different students of Mathematics.
The 5.1 course is designed for students who need to develop the mathematical skills necessary for everyday life. The 5.2 course also focuses on the development of mathematical skills needed in everyday life, but extends these skills in purely mathematical contexts. The 5.3 course is a theoretical, abstract course, designed for students who intend to study the higher courses of Mathematics in the senior school.

What will students learn to do?

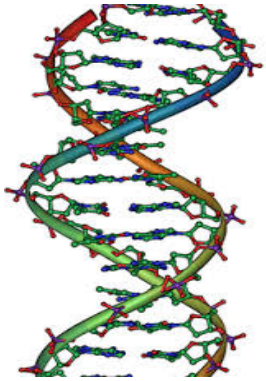
Students learn to ask questions in relation to mathematical situations and their mathematical experiences; to develop, select and use a range of strategies, including the use of technology, to explore and solve problems; to develop and use appropriate language and representations to communicate mathematical ideas; to develop and use processes for exploring relationships, checking solutions and giving reasons to support their conclusions; and to make connections between their existing knowledge and understanding and the use of mathematics in the real world.
It is important for students to understand where their pathway will lead them to ensure they are completing a course sufficiently challenging for their future aspirations.



Science

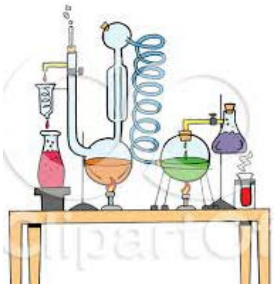
What is Science?

Science provides an empirical way of answering interesting and important questions about the biological, physical and technological world. Scientific knowledge is contestable; and is revised, refined and extended as new evidence is found. The study of Science is a collaborative, creative endeavour and has led to a dynamic body of organised knowledge. It is through this body of knowledge that Science provides explanations for a variety of phenomena and enables us to make sense of the natural world.

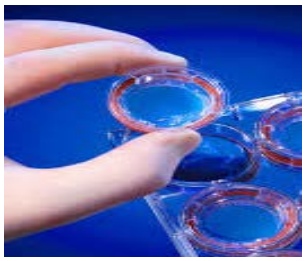


The study of Science enables you to develop a positive self-concept as a learner and gain confidence in and enjoyment from your learning Your understanding of Science and its social and cultural contexts provides a basis for you to make reasoned evidence-based future choices and ethical decisions, and to engage in finding innovative solutions to science-related personal, social and global issues, including sustainable futures.

By studying Stage 5 Science you will develop:



- an interest in and enthusiasm for science, as well as an appreciation of its role in finding solutions to contemporary science-related problems and issues,
- knowledge and understanding of the nature and practice of scientific inquiry, and skills in applying the processes of Working Scientifically,
- scientific knowledge of and about phenomena within the natural world and the application of your understanding to new situations and events, and
- appreciation of the development and dynamic nature of scientific knowledge, its influence in improving understanding of the natural world and the contribution of evidence-based decisions in informing societies' use of science and technology.



If you want a RoSA you must study Science in years 7 – 10. Through studying Science you will develop skills, knowledge and understanding in explaining and making sense of the biological, physical and technological world.

Stage 5 Science is a foundation for studying the sciences such as Biology, Chemistry, Earth and Environmental Science, Physics and Senior Science in senior years 11 and 12.

Mandatory Geography **(incorporating Civics and Citizenship)**

Geography allows students to develop an understanding of and an interest in the interaction of the physical and human environments. Students will develop geographic knowledge, understanding, skills, values and attitudes in order to engage in the community and become informed and active citizens.

The syllabus has key dimensions that form the basis for the study of all content in Geography:

- **Place:** *the significance of places and what they are like* e.g. the effect of local and global geographical processes.
- **Space:** *the significance of location and spatial distribution, and ways people organise and manage spaces that we live in*.
- **Environment:** *the significance of the environment in human life, and the important interrelationships between humans and the environment*.
- **Interconnection:** *no object of geographical study can be viewed in isolation*.
- **Scale:** *the way that geographical phenomena and problems can be examined at different spatial levels*.
- **Sustainability:** *the capacity of the environment to continue to support our lives and the lives of other living creatures into the future*.
- **Change:** *explaining geographical phenomena by investigating how they have developed over time*.

This course will also develop you skills in :

- **Acquiring geographical information**
- **Processing geographical information**

And you will use some of the following tools to achieve the required skills: **Maps, Fieldwork**, **Graphs and statistics, Spatial technologies**, **Visual representations**

Mandatory History

Mandatory History is a compulsory course in Years 7–10; it allows students to learn about a range of human experiences from the past. Studying this subject will allow you to explore different events, people and societies. The stage 5 course provides students with the opportunity to study the history of the making of the modern world from 1750 to 1945.

The topics studied in stage 5 are:

Year 9:

- Depth Study: Industrial Revolution
- Skills based unit: Reading like an Historian
- Depth Study: Australian at War: World War I and II (**mandatory unit**)
- Depth Study: Making a Nation

Year 10

- Overview: The modern World and Australia (**mandatory unit**)
- Depth Study: Rights and Freedoms (**mandatory unit**)
- Depth Study: Migration Experiences (**site study mandatory**)
- Depth Study: The Cold War

All students must complete a site study. This is completed in year 10 as a virtual site study of the Snowy Mountains Hydro Electricity Scheme.

Students must complete the mandatory topics as well as two (2) other depth studies across the stage to achieve a Record of Student Achievement.

The key historical concepts that are taught throughout stage 5 are:

- **Continuity and change:** aspects of history that change and those that stay the same.
- **Cause and effect:** various past events, decisions or developments that impact on the future.
- **Perspectives:** various interpretations of the past
- **Empathetic understanding:** the ability to understand another's point of view
- **Significance:** the importance of an event, development, individual etc
- **Contestability:** how historians may dispute a particular interpretation of a source, event or issue

The course will develop students skills in:

- Comprehension: chronology, terms and concepts
- Analysis and use of historical sources
- Perspectives and interpretations of the past
- Research
- Explanation and Communication
- Developing empathy

Personal Development, Health and Physical Education (PDHPE)

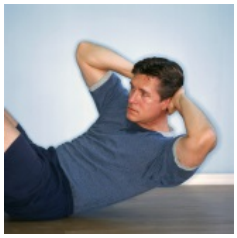
The study of PDHPE provides you with the opportunity to:

- enhance and develop resilience and connectedness and learn to interact respectfully with others.
- develop the skills to research, apply, appraise and critically analyse health and movement concepts
- improve their health, safety, wellbeing and participation in physical activity.
- learn to critique and challenge assumptions, attitudes, behaviours and stereotypes
- evaluate a range of health-related sources, services and organisations.
- promote and develop empathy, resilience, respectful relationships, inclusivity and social justice.

You develop self-management, interpersonal and movement skills to:

- become empowered, self-confident and socially responsible citizens.
- learn in movement, about movement and through movement and are given opportunities to apply and adapt their skills across multiple contexts.

The learning experiences in PDHPE provide students with a foundation to actively contribute to, and advocate for, the health, safety and wellbeing of themselves and others in the community and beyond school.



Stage 5 Elective courses

Here is a summary table of all the elective courses available. Students should select TWO elective courses:

KLA	Course
Creative Arts	Dance (under special circumstances)
	Drama (under special circumstances)
	Music
	Photographic and digital media (special requirements)
	Visual Arts
	Visual Design
HSIE	Commerce
	Geography
	International Studies
	Work Education
History	History
Languages	Chinese
	French
	German
	Indonesian
	Italian
	Japanese
	Spanish
Maths	Information Software Technology Industrial Technology – Multimedia/Photography
PDHPE	Physical Activity and Sport Studies
Science	Agricultural Technology
	Marine and Aquaculture Technology
Technology	Child Studies
	Food Technology
	Graphics Technology
	Industrial Technology: Automotive
	Industrial Technology: Building & Construction
	Industrial technology: Electronics
	Industrial Technology: Leather Work
	Industrial Technology: Timber
	Textiles Technology

Creative Arts Elective Courses

Dance

Dance is an elective course that can be studied for 100 or 200 hours within the Stage 5 curriculum.

The basis of this course is formed from the three dance practices of;

- Performance
- Composition
- Appreciation

In Dance you will learn both movement principles and stylised techniques. Dance involves the development of physical skills as well as aesthetic, artistic and cultural understanding.

NB: Special conditions** apply due to the practical requirements of this course. Please contact Belinda Toth on 6681 0452
**Special conditions includes being enrolled in an external dance class within your community.

Opportunities for extra-curricular activities including participation in Dance Festival may be available depending upon your location.

Drama

Drama is a subject that is fun, practical, artistic, and academic. It suits a wide variety of student's abilities and interests.
Through making, performing and critically studying enable students to develop:

- performance design and vocal skills
- building personal confidence in all areas of life.

Students will learn to observe the body language and subtext of others, to 'read; their meaning, enabling them to learn to interact more effectively with those around as a part of Drama.

NB: Special conditions** apply due to the practical and group work requirements of this course. Please contact Southern Cross School Distance Education on 6681 0300.
**Special conditions include:

- attending two workshop days per term
- having access to a video camera or a quality filming device.

The workshops will offer students the opportunity to work in groups, listen and respect the opinions and ideas of others whilst collaborating on student devised work.

Elective Music

Elective Music is fun! We try and cater for the individual's skills, talents and interests.

Who suits elective music?

Elective music will suit any musician! It does not require students to have previous experience in music; however, we advise that you have a genuine interest in music and a willingness to learn an instrument of their own choice (or sing!). Southern Cross Distance Education has some instruments available for hire. It is not necessary for this course to have private tuition on the student's instrument of choice outside of school, but we do encourage students where possible to get individual specialised tuition.

Elective Music involves:

- learning experiences in performing, composing and listening. The course is divided equally into these three areas
- the study of **one compulsory topic of Australian music**. In addition, there are 18 more topics available for study which includes: Baroque Music, Classical Music, 19th Century Music, Medieval Music, Renaissance Music, Art Music of the 20th and 21st Centuries, Music of A Culture, Music For Small Ensembles, Music for Large Ensembles, Popular Music, Jazz, Music for Radio, Film, TV & Multimedia, Theatre Music, Music and Technology and Rock Music
- all parts of the course relating to the concepts of: pitch, duration, dynamics and expressive techniques, tone colour, structure and texture.

In Elective Music students will learn to:

- develop performance, composition and listening skills
- incorporate the use of technology including; using recording software, condensing audio and video files, editing mp3's and learning to use instrument technologies where available.

Students should have access to either a: CD player a computer/device that has a USB connection to be able to play CD's or audio on USB or Internet to be able to download or playback audio files. A device that has the capability of: audio recording and/or audio and visual recording. E.g. A webcam, voice recorder (on a mobile phone), video recorder (On a mobile phone or camera), or computer.

Why choose Elective Music?

Music is a skill for life! Create, perform and enjoy! There are a wide range of careers that link with music. These include: Performer, composer, DJ, A&R coordinator, songwriter, record producer, audio engineer, music therapist, , music journalist, concert promoter, music manager, private Music Teacher, Music Education specialists, Musical instrument builder/repairer to mention a few.

Photography, Video and Digital Media

Photography, Video and Digital Media offers a variety of photographic genres and subjects to explore including still life, portraits, photo documentary, environmental and social issues, and landscape. Students will produce a personal portfolio which may be used in other settings such as job and TAFE applications.

In Photography, Video and Digital Media you will learn about:

- making photographic and digital works using a range of techniques
- the conventions and technologies of digital media
- how photographers represent ideas both historically and in contemporary culture
- communicating your own ideas within contemporary culture

In Photography, Video and Digital Media you will learn to:

- explore and experiment with digital media and technology
- manipulate digital images using appropriate software
- investigate specific cultural and social issues and genres within photography
- develop a personal style of photography

Requirements

- Camera – digital SLR or automatic compact camera are acceptable + your own SD card for your camera.
- Photography journal. This could be a Visual Art diary, plastic sleeve folder or a digital folder.

Why choose photography?

- There is a wide field for application of skills initiated in the photographic and digital media course including website design, graphic arts, interior design, on-line magazines and blogs, journalism, commercial screen printing, video and film production, Internet micro businesses, and advertising to name a few.
- Portfolios are an excellent resource to use in interviews for seeking employment, or in tertiary education such as TAFE, as well as a starting point for on-line work. The portfolio highlights organisational skills, the beginning or development of a personal style of photography and an ability to complete independent and complex tasks.

Visual Arts

Visual Arts offers a variety of broadly focused opportunities to develop skills in a range of art making techniques and to present ideas and art works through course structures which includes: practice - art making, art criticism and art history; the conceptual framework – artist, art world and world audience; the frames – subjective, cultural, structural and post-modern.

In Visual Arts you will learn about:

- how Visual Artists respond to, technology, change and interact with audiences
- experimenting with different materials and techniques across a range of genre, using the world as a source of ideas in the arts.
- relating Visual Arts to their own experience of the world.

In Visual Arts you will learn to:

- apply your ideas and creativity to make a variety of artworks e. g. sculpture, painting, drawing, collage; printmaking, digital media
- explore and experiment with a variety of techniques and materials to fulfil the art making activities and develop a small body of work.
-

Why choose Visual Arts?

- There is a wide field for application of skills initiated in the Visual Arts course including, to name a few e.g. artist, curator of gallery, designer, animator, set designer, architect, illustrator, art director, landscaper, art teacher, fashion designer,

- The Visual Art Diary is a starting point to create a portfolio that could be used as a resource in interviews for seeking employment, or in tertiary education such as TAFE, as well as a starting point for on-line work.

Visual Design

Visual Design offers a variety of design disciplines. Topics students can explore include print and multimedia, 3D product design, interior design, graphic design, fashion and jewellery design. Students are encouraged to produce a personal portfolio which may be used in other settings such as job and TAFE applications.

In Visual Design you will learn about:

- how Visual Designers respond to audiences, technology and change
- making Visual Design objects to fulfil a design brief
- using the world as a source of ideas for Visual Design
- relating Visual Design to their own experience of the world.

In Visual Design you will learn to:

- apply design methods and activities to make Visual Design objects
- explore and experiment with strategies and design tools to fulfil the design brief
- develop and build a folio of work.

Why choose Visual Design?

- There is a wide field for application of skills initiated in the Visual Design course including website design, graphic arts, interior design, online magazines and blogs, commercial screen printing, product design, fashion design, Internet micro businesses, and advertising to name a few.

- Portfolios are an excellent resource to use in interviews for seeking employment, or in tertiary education such as TAFE, as well as a starting point for online work. The portfolio highlights organisational skills, and an ability to complete independent and complex tasks.

HSIE Elective Courses

Commerce

This course follows the 2003 NSW NESA Syllabus and is offered as a 100 hour Elective Course in Years 9 or 10 or a 200 hour Elective over Years 9 and 10.

Commerce enables young people to develop the knowledge, understanding, skills and values that form the foundation on which they can make sound decisions about consumer, financial, legal, business and employment issues. It develops in students the ability to research information, apply problem-solving strategies and evaluate options in order to make informed and responsible decisions as individuals and as part of the community.

In Elective Commerce you will learn about:

In Core Part 1 students study Consumer Choice and Personal Finance, learning about:

- Making responsible spending, saving, borrowing and investment decisions as part of personal financial management
- The development of consumer and financial literacy.

In Core Part 2 students study Law and Society and Employment Issues, in which they will develop an understanding of their:

- Legal rights and responsibilities and how laws affect individuals and regulate society
- Commercial and legal aspects relating to employment issues
- Their rights and responsibilities at work.

In Elective Commerce you will learn:

- Critical thinking and the opportunity to participate in the community.
- To identify, research and evaluate options when making decisions.
- To solve consumer problems and issues that confront consumers.
- Research and communication skills, including the use of ICT.

Elective Commerce is good preparation for further study in any of the Social Sciences in Stage 6 (Year 11 and 12) especially Business Studies, Legal Studies, Economics, Retail Services and Business Services and Work Studies.

Geography

This course follows the 2003 NSW NESA Syllabus and is offered as a 100 hour elective course in Years 9 or 10 or as a 200 hour Elective Course over Years 9 and 10

The Geography (Elective) course provides an opportunity for students to learn more Geography through additional study. It provides students with a broader understanding of the discipline of Geography and the processes of geographical inquiry and enables depth studies through flexible learning in a choice of focus areas.
Students may undertake either 100 hours or 200 hours in Elective Geography.

In Elective Geography you will learn about:

- The geographical processes that form and transform environments and communities
- The importance of the world's environments and issues associated with them
- Human activities at a range of scales
- Contemporary world events and issues in terms of their spatial and ecological dimensions
- The roles and responsibilities of individuals, groups and governments in resolving tensions and conflicts at a range of scales
- Being an informed and active citizen

In Elective Geography you will learn to:

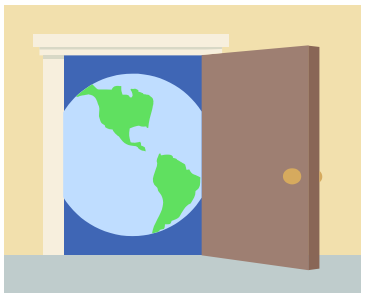
- Gather process and communicate geographical information from a variety of primary and secondary sources
- Use appropriate geographical tools including information and communication technologies (ICT)
- Use geographical tools, such as maps, graphs, statistics, photographs and fieldwork, assist students to gather, analyse and communicate geographical information in a range of formats

Elective Geography is good preparation for further study in any of the "Social Sciences" in Stage 6 (Years 11 and 12) especially Stage 6 Geography.

International Studies

This is a School Developed Board Endorsed Course and follows the NESA approved 2010 Syllabus. This course is currently offered as a 100 hour course in Year 9 or 10.
The aim of the International Studies Course is for students to know and understand the significance of culture in their own lives, appreciate the culturally diverse yet interconnected world in which they live, and to develop skills and values to view cultures, including their own, from different perspectives.

In International Studies you will develop knowledge and understanding about :



- The complexity and diversity of cultures and the different beliefs that underpin them from a variety of perspectives
- Factors that promote stability and change in human societies and their cultures
- The increasing interdependence and interconnectedness of cultures in the contemporary world.

In International Studies you will develop skills in:

- Recognising and challenging stereotypes
- Acquiring effective tools for cross cultural interaction in order to communicate successfully in cross cultural contexts.

International Studies is good preparation for all Stage 6 (Years 11 and 12) “Social Science” courses especially Society and Culture and Studies of Religion.

Work Education

This course follows the 2003 NSW NESA Syllabus and is offered as a 100 hour Elective course in Year 9 or 10 or as a 200 House Elective course over years 9 and 10.

Work Education provides students with opportunities to develop knowledge, understanding and skills regarding the world of work including an awareness of work readiness and employer expectations, the roles and purpose of a range of sectors including education, training and employment organisations and an appreciation of the role of lifelong learning in planning and managing pathways.

In Work Education you will learn about:

Core Part 1 – Preparing Futures

- Transition Planning
- What is Work?
- Introduction to Workplace Safety
- Enterprise Initiatives

Core Part 2 – Working Communities

- Workplace Rights and Responsibilities
- Exploring Post-school Pathways
- Technology and communication
- Partnerships in the Community

In addition students will study selected options that cater for specific needs and interests.

In Work Education you will:

- Learn to research a range of work related issues.
- Learn to communicate using a range of techniques targeting specific audiences.
- Develop employability skills, which include communication skills, teamwork, ICT's, and problem solving.
- Develop enterprise skills
- Learn to plan and manage their own pathways

Work Education is good preparation for permanent and casual employment and can lead to the study of Work Strategy, Retail Services or Business Services in Stage 6.

History Elective Courses

History

Elective history with Southern Cross Distance Education is an **exclusively online** course provided using an interactive learning platform called Canvas. Elective History is offered for both Year 9 and Year 10 students, with an option of completing the 100 or 200 hour course. Our units are designed to fit into the following topics, Constructing History, Ancient, Medieval and Early Modern Societies and Thematic Studies and look at a range of societies, sites and personalities. **All units are brand new** and include topics such as *Underwater Archaeology*, *Big History, Gladiators*, *The French Revolution, Witchcraft* and *Hero or Villain?* Elective History provides an opportunity to explore people, places and events from all periods of history and allows students to become aware that **history is all around us!** Elective History looks at a range of historical information which can be drawn from the physical remains of the past as well as written, visual and oral sources of evidence. It is this evidence and the skills to analyse such evidence, which can help to explain how people, events and forces from the past have shaped the world we live in today.

Elective History can take you on an adventure!

Languages Elective Courses

Japanese

The Japanese course provides opportunities for students to engage with the linguistic and cultural diversity of the Japanese-speaking community. Through learning Japanese, students develop communicative skills in the language, an understanding of how languages work as a system and intercultural understanding capability.

The study of Japanese provides access to the language and culture of one of the global community's most technologically advanced societies and economies. Students engage with elements of modern Japan, including popular culture such as *anime*, *manga*, music and fashion, as well as with the rich cultural tradition of this part of Asia. Students develop an appreciation for the place of Australia within the Asia region, including the interconnections of languages and cultures, peoples and communities, histories and economies.

Through learning languages, students develop an intercultural capability and an understanding of the role of language and culture in communication, and become more accepting of difference and diversity. You will develop understanding of global citizenship, and reflect on their own heritage, values, culture and identity

Chinese

Modern standard Chinese (also known as Mandarin/Hanyu/Putonghua/Huayu/Zhongw the official language of the People's Republic of China and the language of communica approximately one-quarter of the world's population. It is the major language of communication in Taiwan and Singapore, and is widely used by Chinese communities throughout the Asia–Pacific region, including Australia. It is also one of the official lang of the United Nations. Chinese is recognised as one of the fastest-growing languages South Wales and has one of the largest groups of non-English background speakers i Australia.

Chinese is an important language for young learners in Australia, as Australia progresses towards a future of increased trade, investment, educational exchange, research and development in science and technology, and engagement with Asia. Students develop an appreciation for the place of Australia within the Asia region, including the interconnections of languages and cultures, peoples and communities, histories and economies.

French

French is not only the official language of France and francophone countries, but also an administrative and widely spoken language in many countries around the world. French is, by tradition, the language of diplomacy. It is an official language of a large number of international organisations including the United Nations, the European Union, the Olympic Games and many other bodies. Australia has always had strong connections with France. In the twenty-first century, a strong relationship continues to exist through trade and investment, communication technologies, education, scientific and technological research, and cultural exchange.

French is an Indo-European language and belongs to the family of Romance languages derived from Latin. French and English share a common linguistic link with Latin. Through the study of French, you will experience and engage with elements of modern France and francophone countries, including art, cuisine, literature, film and music of French-speaking communities and develop an appreciation of the interconnections of languages and cultures, peoples and communities, histories and economies.

Italian

Italian is the official language of Italy, the Vatican City, San Marino and parts of Switzerland. It is also an official language of the European Union, and a major community language in countries such as Australia, Luxembourg, the United States, Canada, Brazil, Uruguay and Argentina, and also in parts of Africa. Italy plays a significant role in global economic and cultural developments. *The study of Italian language and culture enables learners to gain access to Italy's rich cultural, historical, artistic and literary contributions to the global community, and offers insights into the development of Western civilisations.*

Australia has strong cultural, political and trade connections with Italy, including economic and commercial cooperation and an expanding relationship in science and technology. The Italian community is well established in Australia and continues to make major contributions to contemporary Australian society in the areas of culture, including food and dining, agriculture, arts, architecture, business, education, fashion, industry and trade. Italian migration to Australia has continued into the 21st century with young educated Italian migrants seeking new lifestyle and career opportunities in Australia.

Indonesian

Indonesian is the official language of Indonesia, Australia's nearest neighbour in the Asia region, and is spoken throughout the Indonesian archipelago. It is also closely related to Malay and is understood in Malaysia and by Malay-speaking inhabitants of Singapore, Brunei and southern Thailand. The languages of the Indonesian archipelago have been used in Australia since contact several centuries ago between the peoples of the islands now known as Indonesia and the Aboriginal and Torres Strait Islander peoples of northern Australia. Trade between these peoples left lasting effects on languages, cultures and communities, such as in Makassar and Arnhem Land.

The ties between Australia and Indonesia continue to develop, with an increasing number of Australians travelling to Indonesia for leisure, business and education purposes; numbers of Indonesians visiting Australia are also increasing. Australia has a strong diplomatic presence in Indonesia, and Indonesia is the largest recipient of Australian aid. Relations between Indonesia and Australia continue to grow in the areas of trade, education and youth exchange.

German

German is the official language of Germany, Austria and Liechtenstein, and a co-official language of Switzerland, Belgium, Luxembourg and South Tyrol in Italy. It is also used in many other European countries and throughout the world. German-speaking communities have played an important role in the development of multicultural Australia, specifically in exploration, industry, science and the arts. German-speaking countries and communities have an important economic presence in Australia, and are included among our major trading partners.

German has a direct relationship with English, having evolved from the same family of European languages which helps to make learning German an achievable and enjoyable experience. German-speaking communities continue to have a global influence in fields such as architecture, the arts, engineering, philosophy, recreation, and scientific innovations. A knowledge of German enhances appreciation of the culture of German-speaking communities and promotes an understanding of diverse attitudes and values!

Spanish

Think ¡fiesta! Think ¡flamenco! Think ¡fútbol!
Spanish is one of the most widely spoken languages in the world, with approximately 500 million speakers. It is the official language of more than 20 countries and one of the official languages of the United Nations and the European Union. Australia has a significant number of Spanish-speaking communities which contribute to the rich linguistic and cultural diversity of Australia. Migration to Australia from Spanish-speaking countries such as Colombia, Venezuela, Mexico and Ecuador continues in the 21st century and is influenced by interest in tertiary education and employment opportunities presented by trade agreements in sectors such as mining, agriculture, defence, technology and education.

Spanish belongs to the Romance family of languages, which includes Catalan, French, Italian, Portuguese and Romanian. Spanish and English have a common linguistic link with Latin, sharing many Latin-derived words and using the same Roman alphabet. The fact that Spanish is spoken across different continents offers students a broad and rich range of cultural experiences. The Spanish language is widely spoken in Australia, and opportunities exist to hear and use the language in real-life situations. For students with a Spanish-speaking background, the study of Spanish consolidates and reinforces their engagement with Spanish-speaking communities.

Maths Elective Courses

Information and Software Technology (IST)

This is an online elective course which builds computing knowledge and skills. Students are able to specialise in areas of interest. This course has core and option topics with a good balance between practical and theoretical work.

The option topics offered are:

- Internet and Website Development;
- Authoring and Multimedia;
- Artificial Intelligence;
- Robotics; and
- Software Development and Programming.

In IST you will learn about:

- Hardware
- Software
- Technology trends
- Data, people and issues

In IST you will learn to:

- Plan, develop and produce projects
- Use a wide range of software
- Program devices
- Understand the digital world.

Picoboards (sensor programming tools), As of 2018 we supply all our IST students with the latest in STEM education, their own BBC micro;bit to own and further develop their skills. Raspberry Pi's and programmable robots (like Sparki above) are available for loan.

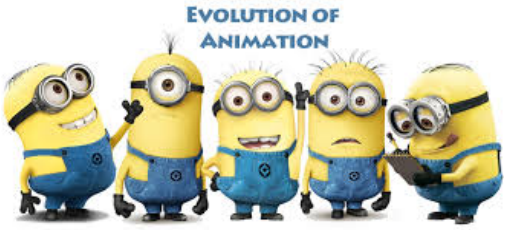
Industrial Technology: Multimedia/Photography

Multimedia/Photography focus area provides opportunities for students to develop knowledge, understanding and skills in relation to multimedia, photographic and associated industries.

Core modules will develop knowledge and skills in the use of material, tools and techniques related to multimedia or photography, which are enhanced and further developed, through the study of specialist modules in photographic or multimedia-based technologies.

In Multimedia/Photography you will learn about:

- WHS and risk management
- Equipment tools and machines
- Techniques
- Links to industry
- Design
- Workplace communication skills
- Impact on Society and the environment



In Multimedia/Photography you will learn to:

- Individual photographic images
- Photographic presentations
- Brochures incorporating photographic images
- Photo journals
- Computer animations
- Webpages

PD/H/PE Elective Courses

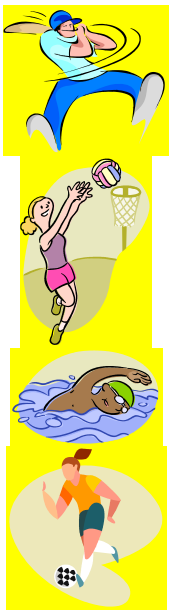
Physical Activity and Sport Studies (PASS)

PASS is an elective course which allows students to engage in a wide range of physical activities. It aims to enhance effective participation in physical activities and sport which can lead to an improved quality of life and enjoyment.

Students engage in a wide range of physical activities selected from each of the following three modules of study.

In PASS you will learn about:

- Foundations of physical activity (body systems, physical activity for health, physical fitness, movement skill, nutrition, safety)
- Physical activity and sport in society (Australia's sporting identity, lifestyle, leisure and recreation, physical activity for specific groups, opportunities and pathways in sport and issues in physical activity)
- Enhancing participation and performance (promoting active lifestyles, coaching, strategies and techniques, technology and event management)



In PASS you will learn to:

- Work collaboratively
- Display management and planning skills
- Perform movement with increasing proficiency
- Appraise and analyse information to inform decision making.

Science Elective Courses

Marine and Aquaculture Technology

If you choose to study Marine and Aquaculture Technology you will develop your capacity to design, produce, evaluate, use and manage marine and water related environments in an environmentally sustainable way.

In Marine and Aquaculture Technology you will learn about:

- Marine and aquatic environments
- The responsible selection and safe use of equipment used in maritime activities
- The ethical, sustainable use, management and protection of the marine environment

In Marine and Aquaculture Technology you will learn to:

- Research, experiment and communicate in relation to aquaculture, maritime and marine activities
- Apply ethical and sustainable practices in the use and management of the marine environment

Agriculture

If you choose to study Agriculture you will experience aspects of an agricultural lifestyle through direct contact with plants and animals and a variety of outside activities. You will explore the many and varied career opportunities in agriculture and its related service industries.

In Agriculture you will learn about:

- The interactions between management and sustainability
- The production and sale or exchange of agricultural goods and services
- The intensive and extensive nature of agricultural enterprises

In Agriculture you will learn to:

- Design, investigate, use technology and communicate
- Collect and interpret data from practical experiences and fieldwork

Technology Elective Courses

Child Studies

Child Studies develops knowledge, understanding and skills in child development in a range of settings and contexts.

In Child Studies you will learn about:

- Conception to birth and newborn care
- Growth and development, play and family interactions
- Health and safety, food and nutrition
- Diverse needs of children
- Aboriginal cultures and childhood
- Media and technology in childhood

In Child Studies you will learn to:

- Support a child's development
- Positively influence growth, development and wellbeing of children
- Research, communicate and evaluate issues related to child development

Food Technology

Food Technology provides students with a broad knowledge and understanding of food properties, processing, preparation, nutritional considerations and consumption patterns.

In Food Technology you will learn about:

- Food in Australia
- Food equity
- Food product development
- Food selection and health
- Food service and catering
- Food for special needs
- Food for special occasions
- Food trends

In Food Technology you will learn to:

- Make informed and appropriate food choices
- Design, produce and evaluate solutions to situations involving food
- Select and use appropriate ingredients, methods and equipment

Graphics Technology

Graphics Technology develops an understanding of graphical communication as a universal language. Students will gain the ability to read, interpret and produce graphical presentations that communicate information using a variety of techniques and media

In Graphics Technology you will learn about:

- Principles and techniques involved in producing a wide range of images, models, pictures and drawings
- Graphic standards, conventions and procedures used in manual and computer-based drafting

In Graphics Technology you will learn to:

- Plan, develop and produce quality graphical presentations
- Design, prepare and present graphical presentations using manual and computer-based technologies
- Interpret and analyse graphical images and presentations
- Develop an understanding of the use of graphics in industrial and domestic applications

Industrial Technology: Automotive

Automotive develops students' knowledge and understanding of materials and processes in automotive technology. Students will develop knowledge and skills related to the selection, use and application of materials, tools, machines and processes through the planning and production of automotive practical projects.

In Automotive you will learn about:

- Properties and applications of automotive materials
- A range of automotive tools, machines and processes in industrial and domestic settings
- Safe work practices

In Automotive you will learn to:

- Plan and construct automotive projects
- Select and use a range of materials using safe work practices
- Produce drawings and written reports to develop and communicate ideas and information relating to projects

Industrial Technology: Building and Construction

Building and Construction develops students' knowledge and understanding of materials and processes. Students will develop knowledge and skills related to the selection, use and application of materials, tools, machines and processes through the planning and production of Building and Construction practical projects

In Building and Construction you will learn about:

- Properties and applications of building and construction materials
- A range of automotive tools, machines and processes in industrial and domestic settings
- Safe work practices

In Building and Construction you will learn to:

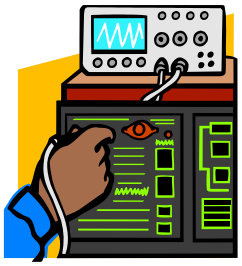
- Plan, build and construct projects
- Select and use a range of materials using safe work practices
- Produce drawings and written reports to develop and communicate ideas and information relating to projects

Industrial Technology: Electronics

Electronics develops students' knowledge and understanding of materials and processes. Students will develop knowledge and skills related to the selection, use and application of materials, tools, machines and processes through the planning and production of Electronics practical projects.

In Electronics you will learn about:

- Properties and applications of electronic materials
- A range of automotive tools, machines and processes in industrial and domestic settings
- Safe work practices



In Electronics you will learn to:

- Plan and construct electronic projects
- Select and use a range of materials using safe work practices
- Produce drawings and written reports to develop and communicate ideas and information relating to projects

Industrial Technology: Leatherwork

Leatherwork develops students' knowledge and understanding of materials and processes. Students will develop knowledge and skills related to the selection, use and application of materials, tools, machines and processes through the planning and production of leatherwork practical projects.

In Leatherwork you will learn about:

- Properties and applications of leatherwork materials
- A range of automotive tools, machines and processes in industrial and domestic settings
- Safe work practices

In Leatherwork you will learn to:

- Plan and construct leatherwork projects
- Select and use a range of materials using safe work practices
- Produce drawings and written reports to develop and communicate ideas and information relating to projects

Industrial Technology: Timber

Timber develops students' knowledge and understanding of materials and processes. Students will develop knowledge and skills related to the selection, use and application of materials, tools, machines and processes through the planning and production of timber practical projects.

In Timber you will learn about:

- Properties and applications of timber materials
- A range of automotive tools, machines and processes in industrial and domestic settings
- Safe work practices

In Timber you will learn to:

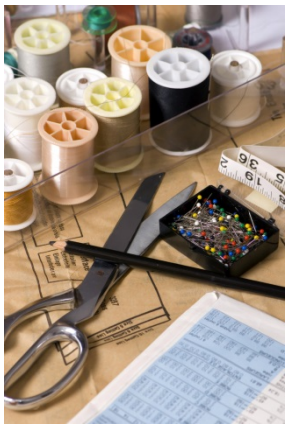
- Plan and construct timber projects
- Select and use a range of materials using safe work practices
- Produce drawings and written reports to develop and communicate ideas and information relating to projects

Textiles Technology

Textiles provides students with a broad knowledge of the properties, performance and uses of textiles in which fabric, colouration, yarns and fibres are explored. Textiles gives students the opportunity to be creative, independent learners and to explore functional and aesthetic aspects of textiles

In Textiles Technology you will learn about:

- Textiles for particular uses through three focus areas: Design, Properties of Textiles and Textiles and Society
- Recognised fields of Textiles through focus areas including: Apparel, Furnishings, Costume, Textile Arts and Non-apparel



In Textiles Technology you will learn to:

- Use the creative process to design textile items
- Design, produce and evaluate
- Select, use and manipulate appropriate materials, equipment and techniques to produce textile projects
- Identify properties and performance criteria of textiles
- Identify influence of historical, cultural and contemporary perspectives on textile design, construction and use

Contacts for subject advice

For general enquiries including subject selections and pattern of study (full time students):

Name	Title / Role	Email
Ms Sharon Hodgson	Deputy Principal	sharon.hodgson@det.nsw.edu.au
Mrs Tiffeny Cox	Head Teacher Teaching and Learning (Curriculum)	Tiffeny.cox@det.nsw.edu.au
Vicki Alford	North/West Student Adviser	vicki.alford@det.nsw.edu.au
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Belinda Schaeffer	Student Adviser OOHC North/ South	belinda.schaeffer@det.nsw.edu.au
Lousie Webster	Student Adviser OOHC North/ South	

For single course enquires:

Mrs Michelle Dowling	Head Teacher Distance Education	michelle.dowling@det.nsw.edu.au

For subject specific information:

KLA	Name	Title	Email
English	Mr John Ryan	Head Teacher English	john.w.ryan@det.nsw.edu.au
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Science	Mr Matthew Cartwright	Head Teacher Science	matthew.cartwright@det.nsw.edu.au
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Technology	Mr Stephen Clayton	Head Teacher TAS	stephen.clayton@det.nsw.edu.au

For information on individualised programs and life skills:

Faculty	Name	Title / Role	Email
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NB: *For information on Life Skills subjects please see the Stage 5 Life Skills information booklet*

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