



# Southern Cross

SCHOOL OF DISTANCE EDUCATION

## 2020 Stage 5 (Years 9/10) Course Information Booklet

Our school stands proudly on Bundjalung land

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2-40 Chickiba Drive, East Ballina NSW 2478 T 02 6681 0300 F 02 6681 0499  
E [southerncrossschoolofdistanceeducation@det.nsw.edu.au](mailto:southerncrossschoolofdistanceeducation@det.nsw.edu.au) W [sthcrossc-d.schools.nsw.gov.au](http://sthcrossc-d.schools.nsw.gov.au)

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# Southern Cross

SCHOOL OF DISTANCE EDUCATION

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

## Suggested timetable for working on your DE schoolwork:

| Monday              | Tuesday             | Wednesday           | Thursday            | Friday          |
|---------------------|---------------------|---------------------|---------------------|-----------------|
| Breakfast           | Breakfast           | Breakfast           | Breakfast           | Breakfast       |
| Contacting Teachers | Elective 1          | PDHPE               | Science             | English         |
| Mandatory Geography | Elective 1          | PDHPE               | 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

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### English

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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 to:

- 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

#### You will learn about:

- 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

The arrangement of content in Stage 5 Mathematics contains three pathways. These are:

- **Stage 5.1** is designed to assist in meeting the needs of students who are continuing to work towards the achievement of Stage 4 outcomes when they enter Year 9
- **Stage 5.2** builds on the content of Stage 5.1 and is designed to assist in meeting the needs of students who have achieved Stage 4 outcomes, generally by the end of Year 8
- **Stage 5.3** builds on the content of Stage 5.2 and is designed to assist in meeting the needs of students who have achieved Stage 4 outcomes before the end of Year 8.

Southern Cross School of Distance Education has designed three progressive pathways in Mathematics in Year 9 and 10. The pathway that a student undertakes will be based upon how well a student has coped with Mathematics in Year 8 and what the student's aspirations are for their future mathematical needs. There will be many opportunities for a student to move between the different pathways throughout Years 9 and 10.

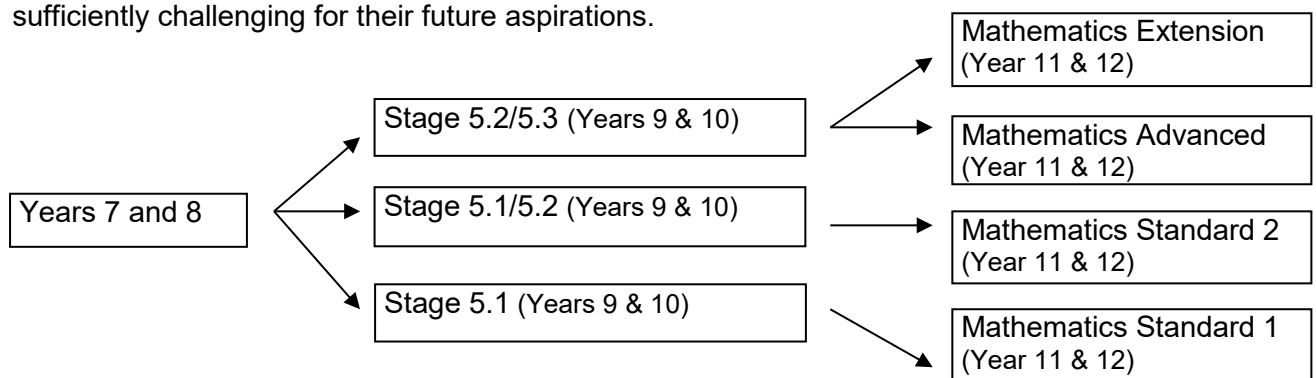
## What will students learn about?

Students study Number and Algebra Measurement and Geometry, Statistics and Probability.



## 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

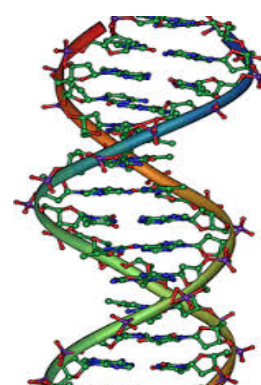
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What is Science?

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.

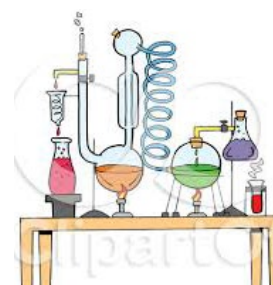


The study of Science enables you to develop a positive self-concept as a learner and gain confidence in and enjoyment from your learning. Your understanding of Science and its social and cultural contexts provides a basis for you to make reasoned evidence-based future choices and ethical decisions, and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

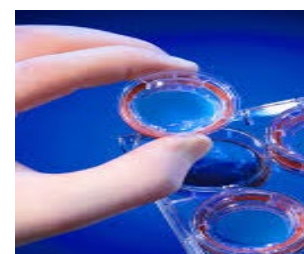


By studying Stage 5 Science you will develop:

- 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)**

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This course follows the 2015 NSW NESA Syllabus and is a Mandatory 50 hour subject (must do) for all students enrolled in Year 9. In Year 9 the course focuses on Australian Geography. An important aspect of the course is the development of knowledge and skills to allow students to become more informed and active citizens.

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 two key dimensions that form the basis for the study of all content in Geography:

- The spatial dimension – where things are and why they are there
- The ecological dimension – how humans interact with environments.

### **In Mandatory Geography you will learn about:**

- The interaction of human and physical geography
- Examine Australia's physical environments and communities
- Explore how these are changing and responding to change
- Australia's roles in its region and globally
- How individuals and groups are planning for a better future



### **In Mandatory Geography you will learn to:**

- Gather process and communicate geographical information from a variety of primary and secondary sources.
- Use a wide range of geographical tools including information and communication technologies (ICT).
- Use geographical tools, such as maps, graphs, statistics, photographs and fieldwork,
- Gather, analyse and communicate geographical information in a range of formats
- Become more informed and active citizens
- Investigate a geographical issue through fieldwork by developing and implementing a research action plan.

Mandatory Geography is good preparation for further study in any of the “HSIE subjects” in Stage 6 (Years 11 and 12) especially Stage 6 Geography.

# Mandatory History

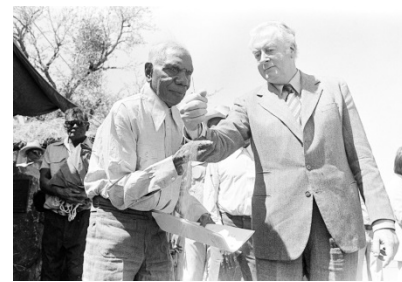
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Mandatory History is a compulsory course in Years 7–10; it allows students to learn about a range of human experiences from the past. Studying this subject will allow you to explore different events, people and societies.

## In Mandatory History you will learn about:

Significant developments in the making of the modern world and Australia (including the Industrial Revolution)

- Australians at war (including World War I, World War II and the Vietnam War)
- Rights and freedoms of Aboriginal and Torres Strait Islander Peoples and the experiences of migrants



## In Mandatory History you will learn to:

- Analyse sources such as cartoons, recordings, images, letters and more
- Explore the experiences of people and the past
- Use social media to communicate about the past
- Investigate historical sites using multimedia
- Write a variety of extended responses such as essays, advertising campaigns, evaluations etc



## **Personal Development, Health and Physical Education (PDHPE)**

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PDHPE is a mandatory course across K-12; It helps students to develop knowledge, understanding, skills and attitudes important for taking positive action to protect and enhance your own and others health, safety and wellbeing across a range of changing contexts.

### **In PDHPE contexts of learning are;**

- alcohol and other drugs
- food and nutrition
- personal identity
- mental health and wellbeing
- relationships
- sexuality and sexual health
- safety
- health benefits of physical activity
- fundamental movement skills
- rhythmic and expressive movement
- individual/group/team physical activities
- initiative/challenge physical activities
- aquatics
- lifelong physical activities.

### **Learning in PDHPE provides an opportunity to develop, strengthen and refine skills across;**

- Self-Management (decision-making, goal setting, accessing support networks, time management, analysis and reflective thinking).
- Interpersonal (communication, collaboration, empathy building, leadership and advocacy and social awareness)



## Stage 5 Elective courses

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   |
| Curriculum    | Big History   |
| HSIE          | Commerce  |
|               | Geography   |
|               | International Studies                                 |
| Languages     | French  |
|               | German  |
|               | Indonesian  |
|               | Italian   |
|               | Japanese  |
|               | Spanish   |
| 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                         |
|               | Industrial Technology: Multimedia                     |
|               | Information and Software Technology                   |
|               | Textiles Technology                                   |

## Creative Arts Elective Courses

### Dance

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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;

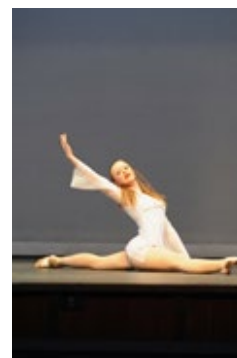
- Performance
- Composition
- Appreciation

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 Dance Festival may be available depending upon your location.



## Drama

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Drama prepares and equips students with skills they will need in their personal and working lives. It's an important tool for preparing students to live and work in a world that is increasingly team-oriented.

Studying Drama enhances knowledge and understanding which supports the development in other subject areas. Studying Drama is not only practical, academic and artistic but it is also fun.

Taking Drama will allow students to develop communication and presentation skills as well as improving their confidence and ability to work with others. These qualities are especially important in the corporate world when students transition to work.

Drama incorporates aesthetic, theoretical and critical concepts. Interpreting text and experimenting with design and technical elements of production are also key areas.

NB – Special conditions apply –

Having access to a camera to film performances.

Attendance for workshops or video conferences.



## Elective Music

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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 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

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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 and your own SD card for your camera.
- Mobile phone
- 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

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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: art making and art theory

### In Visual Arts you will learn about:

- how Visual Artists respond to, technology, change and interact with audiences
- how artists experiment 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

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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 portfolio 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.

# Big History

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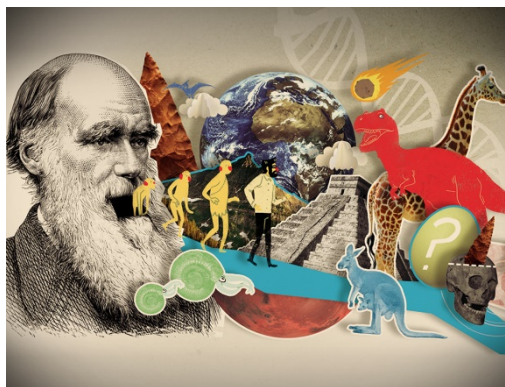
Have you ever wondered about how the Earth was created, where humans came from, what happened to the dinosaurs or what might happen in the future? We explore all of these questions and more in Big History!

## Who suits Big History?

[Big History is more than just a history course.](#) You don't have to have previous knowledge of history because the course starts right at the beginning of history and time – the Big Bang! You get to explore the history of the Universe using a mix of disciplines, including science – so if you do choose to study Big History, you should have a genuine interest in science as well as history.

## Big History involves:

- the study of eight important threshold events in the history of the Universe; the Big Bang, Stars and Galaxies, New Chemical Elements, Earth and the Solar System, Life, Early Humans, Agriculture and Civilisations, and Connected World. There is also an additional unit at the start of the course, What is Big History?, and one at the end of the course, The Future
- learning experiences in thinking across different physical scales and time scales, integrating multiple disciplines and using reasoning in making and testing claims
- all parts of the course relating to the concepts of thresholds and collective learning.



## In Big History students will learn to:

- Use multiple disciplines and perspectives to create a deeper understanding of the history of the Universe, and how we as individuals and humanity as a whole fit into it
- Engage in historical and scientific investigations to form questions, research and present findings on the history of the Universe and universal change.

Students should have access to a device which has the capability of accessing Canvas via the internet as this course will be offered in 2020 via Canvas only.

## Why choose Big History?

Big History gives an overview of the entire history of the Universe, which helps to understand where historical events and the knowledge you gain in other subjects fit in the timeline of the Universe. Big History involves so many different disciplines and perspectives that it links with lots of different careers in history, science and beyond. This includes: Historian, archaeologist, anthropologist, scientist, lab assistant, biologist, chemist, astronomer, physicist, lawyer, primary or high school teacher, administrative assistant, researcher, librarian, curator and museum assistant just to name a few.

## HSIE Elective Courses



"Commerce provides the knowledge, understanding, skills and values that form the foundation on which young people make sound decisions about consumer, financial, economic, business, legal, political and employment issues." (Commerce Years 7–10 Syllabus 2019) Through the study of Commerce students develop consumer and financial literacy which enables them to participate in the financial system in an informed way.

### Course structure and requirements

100-hour course a minimum of TWO Core Study topics  
additional study of selected options to meet the 100-hour  
requirement.



200-hour course all FOUR Core Study topics additional study  
of selected options to meet the 200-hour requirement.

Each option builds on the essential learning of the core and allows  
you to extend core learning. The course will be offered using a system  
called 'Canvas', so it will be online for you to use.

### Core topics

1. Consumer and Financial
2. The Economic and Business Environment
3. Employment and Work futures
4. Law, Society and Political Involvement

### Options

1. Our Economy
2. Investing
3. Promoting and Selling
4. Running a Business
5. Law in Action
6. Travel
7. Towards Independence



For example, consider some of the following questions that Commerce deals with:

What are online scams and how do we identify and avoid them?

What is the economy and how does it function? Where do I fit as a consumer in it?

How has the nature of work changed and how is it likely to change and affect me in the future?

What are my rights and responsibilities at work and how can I legally reduce my tax?

What is the law and what are my rights and responsibilities, what do I do if (gulp!) I get  
arrested?

What is a business and how does it function? How do they minimise risk and maximise  
profitability?

AND

Elective Commerce is good preparation for further study in (Year 11 and 12)  
especially Legal Studies, Business Studies, Economics and Retail Services.



PHEW! a lot to take in I know but it's lots of fun too! Contact the school now  
to enrol.

# Geography

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This course follows the 2015 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 “HSIE subjects” in Stage 6 (Years 11 and 12) especially Stage 6 Geography.

# International Studies

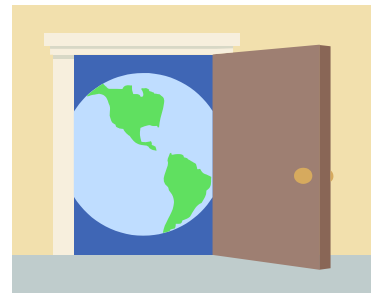
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This is a School Developed Board Endorsed Course and follows the NESA approved 2010 Syllabus. This course is currently offered as a 100 hour course in Year 9 or 10.

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) “HSIE subjects” courses especially Society and Culture and Studies of Religion.

# Languages Elective Courses

## French

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In French you will learn about:

- The French language and culture and how it is interrelated
- French trends and the modes of communicating with French people
- Being a part of the global community and the benefits you receive by doing so
- The skills you need to learn languages and be a lifelong language learner



In French you will learn to

- Communicate effectively in spoken and written French
- Communicate with French people through a variety of modes
- Make connections between your culture and life in Australia with French people and their culture and modern life in France
- Write effectively in French script

## German

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German is the most widely spoken language in the European Union.

Germany is a major trading partner of Australia and Germans are the biggest tourism spenders in the world.

German and English are from the same family of languages, and this means many English words have their origins in German.

German is also the second most common language in cyberspace

In German you will learn about:

- The German language and culture and how it is interrelated
- The latest German trends and the modes of communicating with German people
- Being a part of the global community and the benefits you receive by doing so
- The skills you need to learn languages and be a lifelong language learner



In German you will learn to:

- Communicate effectively in spoken and written German
- Communicate with German people through a variety of modes
- Make connections between your culture and life in Australia with German people and their culture and modern life in Germany
- Write effectively in German script

<http://www.niskygermanprogram.com/great-reasons-to-learn-german/>

## Indonesian

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Indonesia is our nearest Asian neighbour and one of our most popular holiday destinations. Australia and Indonesia have had connections for hundreds of years and we continue to have links in areas such as commerce, tourism and defence.

### **In Indonesian you will learn about:**

- The Indonesian language and culture and how it is interrelated
- Indonesian trends and the modes of communicating with Indonesian people
- Being a part of the global community and the benefits you receive by doing so
- The skills you need to learn languages and be a lifelong language learner



### **In Indonesian you will learn to:**

- Communicate effectively in spoken and written Indonesian
- Communicate with Indonesian people through a variety of modes
- Make connections between your culture and life in Australia with Indonesian people and their culture and life in Indonesia
- Write effectively in Indonesian script

## Italian

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Italian is known as the language of the arts. If you are interested in art, music, fashion design, cuisine or ancient history, studying Italian will enrich your enjoyment of these subjects.

### **In Italian you will learn about:**

- The Italian language and culture and how it is interrelated
- Italian trends and the modes of communicating with Italian people
- Being a part of the global community and the benefits you receive by doing so
- The skills you need to learn languages and be a lifelong language learner



### **In Italian you will learn to:**

- Communicate effectively in spoken and written Italian
- Communicate with Italian people through a variety of modes
- Make connections between your culture and life in Australia with Italian people and their culture and modern life in Italy
- Write effectively in Italian script

## Japanese

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Japan is one of Australia's major trading partners

Learning Japanese opens a whole new way of reading and writing and brings you into contact with ancient traditions blended with modern accomplishments which form the Japanese culture of today.

### In Japanese you will learn about:

- The Japanese language and culture and how it is interrelated
- The latest Japanese trends and the modes of communicating with Japanese people
- Being a part of the global community and the benefits you receive by doing so
- The skills you need to learn languages and be a lifelong language learner



### In Japanese you will learn to:

- Communicate effectively in spoken and written Japanese
- Communicate with Japanese people through a variety of modes
- Make connections between your culture and life in Australia with Japanese people and their culture and modern life in Japan
- Write effectively in Japanese script

## Spanish

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*Think ¡fiesta! Think ¡flamenco! Think ¡fútbol!*

Spanish is one of the first language of more than 500 million people in Latin America and Spain. It is the third most spoken language in the world.

By learning this language with us, you can enter into the rich diverse cultures of the Spanish speaking world.

### In Spanish you will learn about:

- The Spanish language and culture and how it is interrelated
- The latest Spanish trends and the modes of communicating with Spanish people
- Being a part of the global community and the benefits you receive by doing so
- The skills you need to learn languages and be a lifelong language learner



### In Spanish you will learn to:

- Communicate effectively in spoken and written Spanish
- Communicate with Spanish people through a variety of modes
- Make connections between your culture and life in Australia with Spanish people and their culture and modern life in Spain.
- Write effectively in Spanish



## PDHPE Elective Courses

### Physical Activity and Sport Studies (PASS)

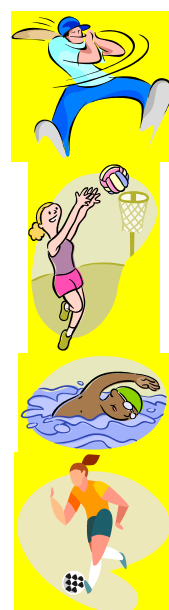
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PASS is an elective course which allows students to engage in a wide range of physical activities. It aims to enhance effective participation in physical activities and sport which can lead to an improved quality of life and enjoyment.

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

### Agriculture

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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

### Marine and Aquaculture Technology

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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



# Technology Elective Courses

## Child Studies

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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

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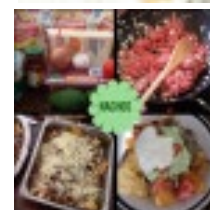
Food Technology provides students with a broad knowledge and understanding of food properties, processing, preparation, nutritional considerations and consumption patterns.

### 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

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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

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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

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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

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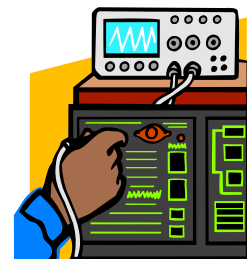
Electronics develops students' knowledge and understanding of materials and processes. Students will develop knowledge and skills related to the selection, use and application of materials, tools, machines and processes through the planning and production of Electronics practical projects.

### 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

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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

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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

## Industrial Technology: Multimedia

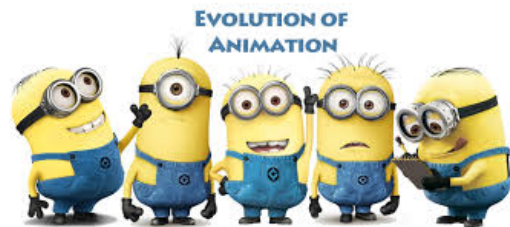
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Multimedia is an online course that provides opportunities for students to develop knowledge, understanding and skills in relation to web design, video production, apps and interactivity, games and simulations.

Core modules will develop knowledge and skills in the use of material, tools and techniques related to multimedia.

### In Multimedia/Photography you will learn about:

- WHS and risk management
- Equipment tools and machines
- Planning techniques
- Design and production folios
- Workplace communication skills
- Impacts on society and the environment



### In Multimedia you will learn to:

- Web design
- Manipulation of digital graphics
- Capture of digital video
- Explore animation techniques
- Manipulate audio



## Information and Software Technology (IST)

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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), Raspberry Pi's and programmable robots (like Sparki above) are available for loan.



# Textiles Technology

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Textiles provides students with a broad knowledge of the properties, performance and uses of textiles in which fabric, colouration, yarns and fibres are explored.

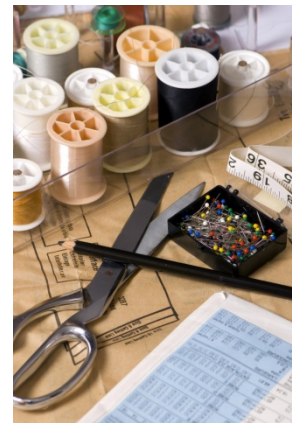
Textiles gives students the opportunity to be creative, independent learners and to explore functional and aesthetic aspects of textiles

## **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 Tiffeny Cox | Head Teacher Teaching and Learning - Curriculum | Tiffeny.cox@det.nsw.edu.au |

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       | Ms Elizabeth Robson   | Head Teacher English         | Elizabeth.robson@det.nsw.edu.au   |
| Maths         | Ms Delena Tibbs       | Head Teacher Maths           | Delena.tibbs@det.nsw.edu.au       |
| Science       | Mr Matthew Cartwright | Head Teacher Science         | Matthew.cartwright@det.nsw.edu.au |
| HSIE          | Ms Angela Pelc        | Head Teacher HSIE            | Angela.pelc@det.nsw.edu.au        |
| PDHPE         | Mr Richard Mills      | Head Teacher PDHPE           | Richard.mills@det.nsw.edu.au      |
| Creative Arts | Mrs Sharon Mwanza     | Head Teacher CAPA            | Sharon.mckay@det.nsw.edu.au       |
| Languages     | Mrs Susan Newman      | Head Teacher Languages       | Susan.newman@det.nsw.edu.au       |
| Technology    | Ms Louise Kearney     | Head Teacher TAS (Relieving) | Louise.kearney@det.nsw.edu.au     |

For information on individualised programs and life skills:

| Faculty          | Name              | Title / Role                   | Email                        |
|------------------|-------------------|--------------------------------|------------------------------|
| Learning Support | Mrs Yvonne Graham | Head Teacher Secondary Studies | Yvonne.graham@det.nsw.edu.au |

**NB:** For information on Life Skills subjects please see the Stage 5 Life Skills information booklet