

Information for parents

# THE AUSTRALIAN CURRICULUM – YEARS 9 AND 10



Foundation

Years 1–2

Years 3–4

Years 5–6

Years 7–8

Years 9–10

## THE AUSTRALIAN CURRICULUM

The Australian Curriculum is designed to develop:

- successful learners
- confident and creative individuals
- active and informed young people who are ready to take their place in society.

It sets the goal for what all students should learn as they progress through their school life – wherever they live in Australia and whatever school they attend.

The Australian Curriculum with its eight learning areas provides a modern curriculum for every student in Australia. Included in the content of learning areas are seven general capabilities intended to help prepare young Australians to learn, live and work in the 21st century. There are three cross-curriculum priorities that are also a focus across the learning areas.

The Australian Curriculum is flexible so that teachers can plan the learning for all their students, also taking into account their local school community.

For more information, see our fact sheet: *The Australian Curriculum – an overview for parents.*



## YEARS 9 AND 10

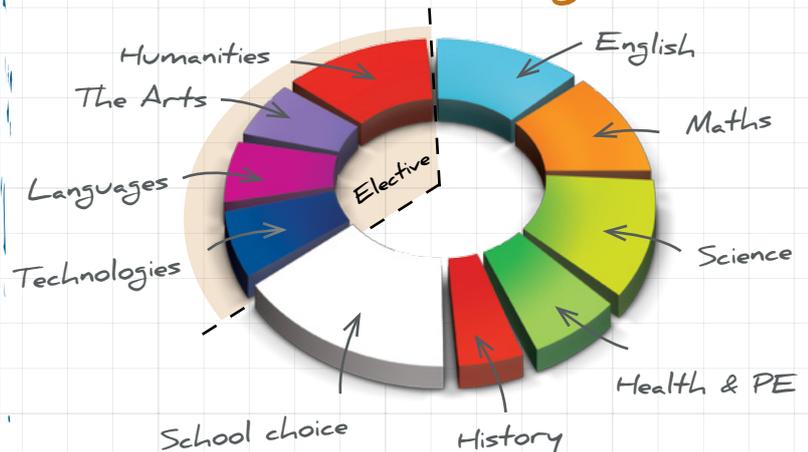


In Years 9 and 10, learning across the curriculum prepares students for civic, social and economic participation outside of school.

Students are provided with opportunities to make choices about learning and specialise in areas that interest them.

At this point, students bring together their knowledge and experience to consider possible pathways for study in senior secondary school and vocational education.

### Years 9–10 Learning Areas



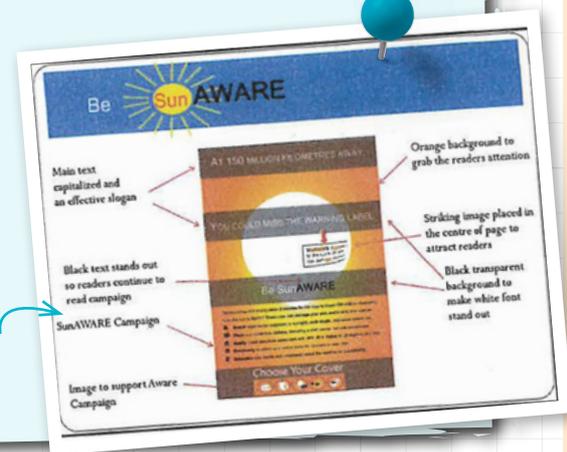
## English

In Years 9 and 10, students develop and justify their own interpretations of texts, such as poetry and novels. They create a wide range of texts to communicate complex ideas by experimenting with language, text structures and images.

**Typically, students will:**

- ▶ read a range of challenging fiction that explores themes and issues
- ▶ compare and contrast ideas in different texts, justifying their own interpretations
- ▶ navigate and analyse online texts
- ▶ talk about the way they select language features and vocabulary when creating texts
- ▶ explain different viewpoints and perspectives using logical arguments
- ▶ create written and multimodal texts such as speaking to a prepared PowerPoint presentation
- ▶ edit and refine their own work and provide constructive feedback to peers
- ▶ design webpages that include sound, images and text
- ▶ plan, rehearse and deliver longer presentations with relevant and well-researched content.

*Shows evidence of planning and careful selection of captions and images.*



## Mathematics

In Years 9 and 10, students extend their knowledge of algebra, graphing and geometry, begin trigonometry of right-angle triangles and work with probability and statistics.

**Typically, students will:**

- ▶ compare simple and compound interest
- ▶ model practical situations involving surface areas and volumes
- ▶ solve problems involving right-angle trigonometry
- ▶ calculate areas of shapes and volumes of simple solids
- ▶ apply ratio and scale factors to similar figures
- ▶ formulate geometric proofs
- ▶ interpret and compare datasets in statistics
- ▶ explain the use of relative frequencies to estimate probabilities.



## Health and Physical Education

Students learn about the place of health and physical activity in a rapidly changing world. They learn to question what they see and hear, and take action to improve health and wellbeing of themselves, their peers and their community.

### Typically, students will:

- ▶ learn how other people and places affect their health, safety and activity choices
- ▶ learn about options for managing safety (including CPR)
- ▶ understand positive relationships and what should be done when a relationship is not respectful
- ▶ judge whether sources of health information are reliable and useful
- ▶ propose ways to counter prejudice and prevent violence and harassment
- ▶ use technology to make and track a personal fitness plan
- ▶ explore the role that physical activity, outdoor recreation and sport play in the lives of Australians and how this has changed over time
- ▶ draw upon their motivation, persistence and confidence when faced with physical challenges.



## Science

Students explore evidence for various scientific theories and develop viewpoints on the impact of scientific discoveries. Their investigations show increased attention to accuracy in measurement and collation of data, reliability of their data, and importance of evidence in their conclusions.

### Typically, students will:

- ▶ investigate body systems and ecosystems as examples of interdependent, interactive systems
- ▶ investigate changes in our genes that affect both our characteristics and evolutionary history
- ▶ deepen their understanding of changes in chemical systems that can be caused by changes at the atomic level
- ▶ investigate how the wave and particle theory can explain the behaviour of light
- ▶ deepen their understanding of the physical laws of motion
- ▶ critically analyse and evaluate claims and approaches used to solve problems, while considering ethics involved and how people's lives might be affected
- ▶ critically consider the importance of science-based careers.



## Humanities and Social Sciences

In Years 9 and 10, students are engaged in deeper, more complex thinking; they use logic, ethical thinking and self-reflection as they question events and issues in the world.

**Typically, students will:**

- ▶ in **History**, investigate the ideals and developments in Europe and other regions, which shaped the modern globalised world, including wars, migration, rights movements and/or popular culture and environmental activism.

### a soldier's story

Sergeant Stanley Robert MacDougall

Sergeant Stanley Robert MacDougall was born in Recherche Tasmania and his occupation was a blacksmith. Mother Anne MacDougall was his next of kin. MacDougall enlisted in Claremont Hobart Tasmania on the 31<sup>st</sup> of August, at the age of 25 years and 1 month old, and his service number is 4061. Stanley MacDougall is 1.63 meters tall and weighs 81.2 kilograms. His chest measurement is 91.44 cm when exhaled and 99.06 cm when inhaled. He has a fair complexion with light brown hair and blue eyes, as well as his distinctive marks: scars from boils. MacDougall's religion is Presbyterian.

#### Service History

MacDougall embarked on his journey to Te-el-kabir in Egypt on the 3<sup>rd</sup> of March 1916. On the 9<sup>th</sup> of March he became a reinforcement for the 13<sup>th</sup> Battalion. He then

*Locates and organises information.*

## Elective (optional) subjects

In Years 9 and 10, students have an opportunity to specialise in subjects of interest.

### The Arts

- ▶ Dance
- ▶ Drama
- ▶ Media Arts
- ▶ Music
- ▶ Visual Arts



### Languages

- ▶ Arabic
- ▶ Chinese
- ▶ French
- ▶ German
- ▶ Indonesian
- ▶ Italian
- ▶ Japanese
- ▶ Korean
- ▶ Modern Greek
- ▶ Spanish
- ▶ Vietnamese
- ▶ Aboriginal languages
- ▶ Torres Strait Islander languages
- ▶ Hindi
- ▶ Turkish

### Humanities and Social Sciences

- ▶ Geography
- ▶ Civics and Citizenship
- ▶ Economics and Business

### Technologies

- ▶ Design and Technologies
- ▶ Digital Technologies

### Work Studies