



# YEAR 6 TERM TWO CURRICULUM OVERVIEW

## ENGLISH - Using text structures purposefully

Students will:

- engage with a variety of informative texts incorporating texts by First Nations Australian, Australian and world authors.
- explore content about a wide range of topics of interest or topics being studied in other curriculum areas.
- identify text structures and features including headings, timelines and images and how these inform the reader and improve access to the information in texts.
- create a multimodal report to present to an audience.

## MATHEMATICS

### NUMBER AND PLACE VALUE

Students will:

- write correct number sentences using brackets and order of operations.
- calculate answers involving all four operations with whole numbers.

### GEOMETRIC REASONING

Students will:

- make generalisations about angles on a straight line, angles at a point and vertically opposite angles, and use these generalisations to find unknown angles.

## SCIENCE - Our Changing World

Students will:

- explore how sudden geological changes and extreme weather events can affect Earth's surface.
- consider the effects of earthquakes and volcanoes on Earth's surface and how communities are affected by these events.
- gather, record and interpret data relating to weather and weather events. Students explore the ways in which scientists are assisted by the observations of people from other cultures, including those throughout Asia.
- construct representations of cyclones and evaluate community and personal decisions related to preparation for natural disasters.
- investigate how predictions regarding the course of tropical cyclones can be improved by gathering data.

# HASS - Making Decisions to Benefit the Community

Students will:

- identify different points of view and solutions to an issue
- investigate a familiar community or regional economics or business issue that may affect the individual or the local community
- examine how the concept of opportunity cost involves choices about the alternative use of resources and the need to consider trade-offs
- identify the effect that consumer and financial decisions can have on the individual, the broader community and the environment
- recognise the reasons businesses exist and the different ways they provide goods and services
- present findings and conclusions in a range of communication forms.

## HEALTH AND PHYSICAL EDUCATION

In **Health** students will gain an understanding of multiculturalism by examining the changing nature of Australia's cultural identity through exploring the influence of people and places. They examine how sharing traditional foods and physical activities from different cultures can support community wellbeing and cultural understanding.

In **Physical Education**, through the sport unit of Track and Field, students will:

- practise specialised movement skills and apply them in a variety of movement sequences and situations
- participate in physical activities designed to enhance fitness, and discuss the impact regular participation can have on health and wellbeing
- manipulate and modify elements of effort, space, time, objects and people to perform movement sequences
- apply critical and creative thinking processes in order to generate and assess solutions to movement challenges
- demonstrate ethical behaviour and fair play that aligns with rules when participating in a range of physical activities

## TECHNOLOGIES - Bits and Bytes

Students will:

- recognise that digital systems represent all types of data using number codes that ultimately are patterns of 1s and 0s (called binary digits, which is why they are called digital systems)
- represent whole numbers in binary
- understand how computers store and send digital images
- be able to represent images in a digital format
- encode a colour image using binary
- explain how information systems are sustainable and meet community needs

# THE ARTS

## MUSIC

This semester students will:

- Explore known rhythmic and melodic elements
- Explore the pentatonic, major and minor scales.
- Investigate and analyse film music using the elements of music
- Explore film music repertoire through performance activities
- Make meaningful reflection on their own performances and compositions

## DANCE

This term students will:

- explore movement and choreographic devices, using the elements of dance to choreograph dances that communicate meaning
- develop technical and expressive skills in fundamental movements including body control, accuracy, alignment, strength, balance and coordination
- perform dance using expressive skills to communicate a choreographer's ideas

## LANGUAGES - CHINESE- Class & School Environment

Students will:

- apply strategies to locate and interpret information about class and school environment,
- demonstrate understanding by responding in Chinese or English,
- adjust their response to context, purpose and audience,
- use familiar characters appropriate to context and Pinyin.