

Term 2 Year 6 Curriculum Overview

Mathematics

Data representation and interpretation - Revise different types of data displays, interpret data displays, investigate the similarities and differences between different data displays, identify the purpose and use of different displays, and identify the difference between categorical and numerical data.

Location and transformation - Identify the four quadrants on a Cartesian plane, plot and locate ordered pairs in all four quadrants, applying one-step transformation and describe the effect of combinations of translations, reflections and rotations.

Number and place value - Solve problems involving all four operations with whole numbers, locating and representing positive and negative integers and solving problems involving integers.

Using units of measurement - Interpret and use timetables.

English

Short stories

In this unit students listen to and read short stories by different authors. They investigate the ways authors use text structure, language features and strategies to create humorous effects.

Students complete a comprehension task about a particular short story and other short stories they have read. They write a short story about a character that faces a conflict. Students also reflect on the writing process when making and explaining editorial choices.

Assessment Task:

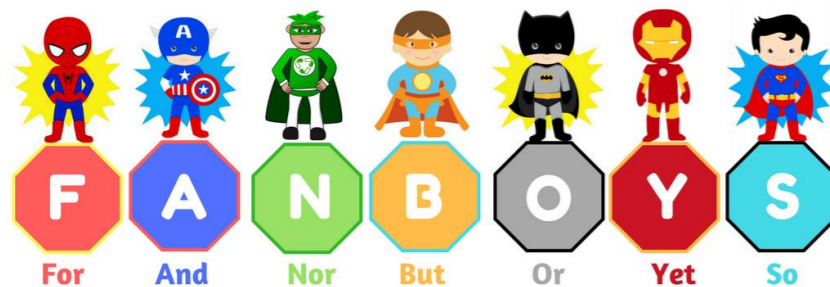
Students write an imaginative and entertaining short story about a character who faces a conflict and explain editorial choices.

Humanities and the Social Sciences

Students will investigate the formation of an Australian Federation by using a variety of learning strategies, such as cooperative learning activities and inquiry-based tasks. They will study the origins of our system of national government and learn about the key figures and reasons for uniting as a nation. They will critically analyse the different attitudes towards federation at the time and research the development of our constitution. Through analysis of primary and secondary sources, students will identify the key elements of our system of government and investigate its origins. They will learn about the Magna Carta and investigate the Westminster and American political systems

to help them identify their influences on the development of the Australian system of government.

Co-ordinating Conjunctions



These words join words, phrases and clauses.

The Arts

Media

TASK: To develop skills with media technologies in order to plan, produce and present media artworks for specific purposes with a focus on 'Pop Art'.



Science

Students investigate electrical circuits as a means of transferring and transforming electricity. They design and construct electrical circuits to make observations, develop explanations and perform specific tasks, using materials and equipment safely. Students explore how energy from a variety of sources can be used to generate electricity and identify energy transformations associated with different methods of electricity production. They identify where scientific understanding and discoveries related to the production and use of electricity have, affected people's lives. They evaluate personal and community decisions related to use of different energy sources and their sustainability.

Analysing energy and electricity

Assessment: Solar Boats

Students analyse requirements for the transfer of electricity in a circuit and describe how energy can be transformed from one form to another to generate electricity. Students explain how scientific knowledge is used to assess energy sources selected for a specific purpose.

Music: Students will not attend music until Term 3

Physical Education:

Field Events – Students will revise Discus, Shot-put, long jump and high jump culminating in the Field Athletics Carnival.

Track Events – Students will focus on Sprinting and revise circular relays culminating in the Track Athletics Carnival.

Japanese

My Family

Students will use Japanese to describe their Family. They will be able to say how many in the family, who is in the family, their family member's name and age, the position of each family member in a photograph and what they do as a family.

Digital Technology

Digital Systems (Knowledge & Understanding)

Examine the main components of common digital systems and how they may connect together to form networks to transmit data.