Year 4 — Term 3

Together We Achieve

SCIENCE
Material Use

Students will

- investigate physical properties of materials and consider how these properties influence the selection of materials for particular purposes
- consider how science involves making predictions and how science knowledge helps people to understand the effect of their actions
- make predictions and use appropriate materials and equipment safely to make and record observations when conducting investigations
- represent data, identify patterns in their results, suggest explanations for their results, compare their results with their predictions and reflect upon the fairness of their investigations
- complete simple reports to communicate their findings.

Media
Persuade to Protect

Students will explore media artworks that inform the making of a collaborative television-style advertisement, which persuades a targeted audience to protect an endangered animal. They will collaborate to use story principles, time, space and technologies to make and share media artworks that communicate ideas to an audience. Students will describe similarities and differences between media artworks they make and view, and they will discuss how and why they and others use images, sound and text to make and present media artworks.

HEALTH
Culture in Australia—Positive Interactions

Students will:

- investigate how heritage and culture contribute to identity
- discuss and communicate how emotional responses vary
- Investigate how respect and empathy support positive interactions.

CHINESE
Mini Chef

Students will participate in listening, speaking, reading and writing activities in Mandarin. Vocabulary and sentence structure relating to food, numbers and money will be covered.

DANCE
Dance Messages

Students will make and respond to dance by exploring how dance is used to represent traditional stories from a variety of countries as a stimulus. They will structure movements in dance sequences and use the elements of dance and choreographic devices to make dances that communicate a message or moral.

ENGLISH
Waste Warriors

Students will:

- engage with a variety of texts that provide a stimulus for building an argument
- read and analyse persuasive texts
- create a spoken text to present an argument for an action that can be taken to enhance the sustainable use and management of non-renewable resources within the school.

PHYSICAL EDUCATION
Modified Sport Games

Students will:

- practise and refine fundamental movement skills in a variety of movement sequences and situations
- perform and apply movement concepts and strategies with equipment
- adopt inclusive practises when participating in physical activities
- apply basic rules and scoring systems and demonstrate fair play when participating in physical activities.

Games explored include T Ball, Newcomb Ball and Soccer.

DIGITAL TECHNOLOGY

Students will undertake a Lunch Rubbish audit, analysing amount of waste which can be recycled, re-used or composted. They will create a digital solution, in an Excel spreadsheet, that presents data as meaningful information to address how waste can be reduced. They will represent their data in a variety of formats, including a visual graphic display.

LIBRARY

Special Days and celebrations – NAIDOC, Olympic Games, Book Week, Premier's Reading Challenge

MUSIC

Songs of Australia: Students will make and respond to music. They explore songs from the arrival of the First Fleet, sea shanties, explorer songs and songs about important Australians including Aboriginal peoples and Torres Strait Islander peoples.

Round up that canon! - This unit builds on known repertoire to introduce the concept of canons (or rounds). Canons are sung and played as precursors to performing truly independent musical parts.

MATHEMATICS

Students will develop understandings of:

Money and financial mathematics - represent, calculate and round amounts of money required for purchases and change

Number and place value - interpret number representations; sequence number values; apply number concepts and place value understanding to the calculation of addition, subtraction, multiplication and division; develop fluency with multiplication fact families; apply mental and written computation strategies; recall multiplication and division facts; apply place value to partition and regroup numbers to assist calculations

Fractions and decimals - partition to create fraction families; identify, model and represent equivalent fractions; count by fractions; solve simple calculations involving fractions with like denominators; model and represent tenths and hundredths; make links between fractions and decimals; count by decimals; compare and sequence decimals

Location and transformation - investigate different types of symmetry; analyse and create symmetrical designs

HISTORY and SOCIAL SCIENCES

How can people use environments more sustainably?

Students will explore the concept of 'place' with a focus on Africa and South America and describe the relative location of places at a national scale. They will identify how places are characterised by their environments and describe the characteristics of places, including the types of natural vegetation and native animals. Students will examine the interconnections between people and environment and the importance of environments to animals and people.