



# Learning at Coorparoo in Year 4 looks like...

**Term 1 2023**



## ENGLISH

### Investigating Author's Language in a Familiar Narrative

Students read a narrative, examine and analyse the language features and techniques used by the author.

#### Assessment:

Students create a new chapter for the narrative for an audience of their peers. Students also interview a character from the book *The Twits*.

## SCIENCE

### Fast Forces

Students use games to investigate and demonstrate the direction of forces and the effect of contact and non-contact forces on objects. They use their knowledge of forces to make predictions about games. Students' complete games safely and collect data; findings are communicated. They identify how scientific knowledge of forces helps people understand the effects of their actions.

**Assessment:** Short Answer Test

## TECHNOLOGY - DESIGN

### Semester 1

#### Arcade Game

Students navigate the design process, investigating purposeful materials and familiarising themselves with forces and motion to create their entry for the Wolff Park Arcade Centre.

#### Assessment:

Students work individually or in a group to create a prototype of a workable pinball machine or game. They collect client feedback and evaluate their prototype.

## MATHEMATICS

### Number - Place Value to 99 999

- Partitioning
- Expanded notation - greater than and less than
- Number lines (identifying and constructing) addition and subtraction (internal 0s, regrouping)
- Part-part-whole

### Patterns

- Identifying, continuing and creating

### Fractions

- Different representations
- Counting in fractions
- Fractions on a number line
- Equivalent fractions
- Improper and mixed number

### Spatial

- 2D shapes and their features
- 3D shapes and their features
- Direction
- Grid referencing

### Data

- Constructing graphs
- Language of chance
- Collecting and representing data

### Measurement

- Length (measuring and converting)
- Time (reading and converting)
- Duration calculations
- Interpreting timetables

### Problem Solving

- Addition and subtraction worded problems
- Fraction worded problems
- Measurement worded problems
- Time calculation worded problems

**Assessment:** Written Tests

## HUMANITIES AND SOCIAL SCIENCES (HASS)

### Semester 1

#### Sustainability

Inquiry questions: *How can people use environments more sustainably?*

- Explore the concept of 'place' with a focus on Africa and South America
- Describe the relative location of places at a national scale
- Identify how places are characterised by their environments
- Describe the characteristics of places, including the types of natural vegetation and native animals
- Examine the interconnections between people and environment and the importance of environments to animals and people
- Identify the purpose of structures in the local community, such as local government, and the services these structures provide for people and places
- Investigate how people use, and are influenced by, environments and how sustainability is perceived in different ways by different groups and involves careful use of resources and management of waste
- Recognise the knowledge and practices of Aboriginal and Torres Strait Islander peoples in regards to places and environments propose actions for caring for the environment and meeting the needs of people

**Assessment:** Short Answer Test

## HEALTH

### Semester 1

#### Netiquette and Online Protocols

Students examine and interpret information about cyber safety and online protocols. They describe and apply strategies that can be used in cyberbullying situations and explore the importance of demonstrating respect and empathy in online relationships. Students reflect on young people's use of digital technologies and online communities, and identify resources available to support their safety.

#### Assessment:

Short Answer Test

## PHYSICAL EDUCATION

### Water Safety and Education Program

The learning focus categories of this program are:

- entries and exits
- buoyancy
- submergence
- swimming for survival
- survival sequence
- rescue and lifesaving
- water safety knowledge

#### Assessment:

- Observations
- Checklists

## THE ARTS

### Semester 1

#### Music

Students develop aural skills by exploring, imitating and recognising elements of music including dynamics, pitch and rhythm patterns

**Assessment:** Observations and Checklist