## Term 1 — Year 5 Curriculum Overview 2024

## English

#### Writing an alternative ending to a narrative

In this unit, students listen to, read and comprehend the narrative The Wild Robot. They will explain how ideas, characters, settings and events are developed by the author, before innovating on the story to write an alternative ending. Students will also share their ideas with their peers and interact in small groups to discuss the author's choices while providing evidence.

#### How to help your child with this:

- 1. When reading at home, discuss with your child the characters and settings of the narrative and how the author has described them.
- 2. Brainstorm different ways their favourite movies could have ended

## **Mathematics**

#### Number and Algebra

Students will work with fractions, multiplication and division, place value, word problems and operations. Students will learn about factors and multiples as well as negative numbers.

#### **Statistics and Probability**

Students will explore data collection methods and how these are used in every day life.

#### How to help your child with this:

- 1. Engage them in authentic everyday real life mathematics.
- 2. Cook, play mathematical games and learn number facts.

## Science

#### **Chemical Science**

Students will explore solids, liquids and gases and investigate their properties. They will pose questions, make predictions and plan investigations before analysing the results of their investigations and reflecting on their the fairness and effectiveness.

#### How to help your child with this:

- 1. Discuss every day examples of solids, liquids and gases, how they behave and how they move from one state to another. For example, after rain the puddles form in the back yard, but the heat of the sun helps them to evaporate.
- 2. Cook with your child and discuss how adding or removing heat can make the ingredients change state.



## HASS

### Managing Australian Communities

Students will learn about how legal and environmental issues in Australian communities can be managed. Students will explore and describe the roles of the different people in Australia's legal system.

#### How to help your child with this:

1. Explore your own community, discuss people's roles and talk about how to stay safe in natural disasters.



## Music

Students will experience the creative cycle from generating song ideas to creating a concept for a music video. They will compose songs using music production software and write a synopsis for a video clip, drawing on the elements of music to justify their storytelling and communicate meaning.





## **Physical Education**

## UNITE

In this unit students will work collaboratively and apply concepts of fair play while participating in various movement challenge activities. They will use the "UNITE" process to work collaboratively to solve movement

challenges .



## Languages - Japanese

What's in the Name?

Students will use language to communicate ideas relating to personal names and identity. They will engage with language in texts about popular names and identify their meaning. Students will explore the reasons for conventions about names and listen to people talk about personal and family names. They will participate in intercultural experiences to notice, compare, and reflect on

# こんにちは konnichiwa language and culture.

## Technologies

## Lego Mindstorms Robotics

Students will be using Lego Mindstorm robots to compete in a Sumo challenge. They will use block coding to complete a range of activities.



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