

# Year 5

## Spring 2 Newsletter

### English

**Non- Fiction:** Diary entry writing based on our English class book, Henry's Freedom Box.

**Poetry:** Renga poems

**Spelling, punctuation, grammar:** beginning to use past, present, and past and present perfect tense.

**Guided Reading:** Developing reading VIPERS skills in 3 weekly sessions.

**Our class story:** The Graveyard Book by Neil Gaiman.

### Topic

**Science:** What are forces? Learning about push and pull, gravity, friction and air and water resistance.

**History:** The Transatlantic Slave Trade, who was involved and abolitionists.

**Geography:** Studying the physical and human geography of Australia.

**Art:** Chinese Calligraphy - oriental history and painting techniques.

**Computing:** We will be learning about flat file databases.

**Computing online:** Privacy and security.

**Music:** Fresh Prince of Bel Air theme tune - playing along on glockenspiels and vocal warm ups, learning to sing the song for performance.

**French:** To learn our body parts in French and Mothering Sunday (with Madame Wood).

**PSHE:** we will learn about being healthy; both physically and mentally.

### Mathematics

Over this half-term we will be covering the following areas:

**Fractions:** Multiplying fractions and finding amounts of a whole.

**Decimals and Percentages:** finding equivalent fractions/decimals and percentages, ordering/comparing decimals and rounding to nearest whole number and decimal place.

**Perimeter and Area:** finding the perimeter and area of various shapes.

### Physical Education

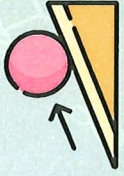
Dodgeball  
Bikeability sessions

### RE

What did Jesus do to save human beings?

### Important Dates and Days

World Book Day - 06/03/25  
Sublime Science - 17/03/25  
Class Photo Day - 19/03/25  
Red Nose Day and Curzon's Got Talent Final - 21/03/25  
Book Look - 26/03/25  
Bikeability - 25/03 - 26/03/25  
Parents evening - 01/04 - 03/04/25  
Break up for Easter - 04/04/25



KEY  
VOCABULARY

force

gravity

friction

air resistance

water resistance

buoyancy

upthrust

streamline

a push or a pull

a force that pulls objects towards the centre of the earth

a force caused by two surfaces touching each other

a kind of friction that slows objects down when they travel through air

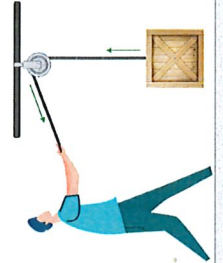
a kind of friction that slows objects down when they travel through water

an object's ability to float

a force that pushes objects up in water or air

to shape an object in a way that reduces the effect of air resistance or water resistance

pulley



lever



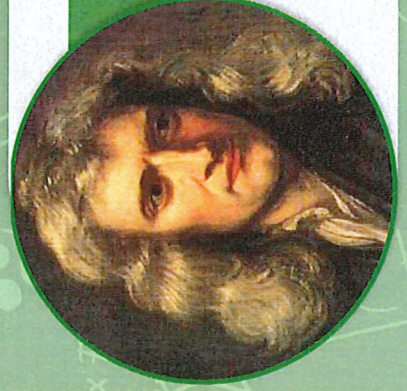
gear



Blank lined area for writing definitions or notes related to the key vocabulary.

air resistance slows down the parachute as gravity pulls it to the ground

gravity is equal to upthrust, so the ball floats; the forces are balanced



Sir Issac Newton  
(1643–1727)

a scientist and mathematician who studied forces and helped us to understand how gravity works on earth  
the scientific study of energy and forces is called physics; physics helps us to understand how the universe behaves



KEY VOCABULARY

industry

Aboriginal People

colony

settler

mining

The Commonwealth

biome

Uluru

activity where **raw materials are changed into goods** that can be used and traded

**people living in Australia from the earliest times**, before the arrival of settlers or colonists

a country, or an area, **under the control of another country** and often occupied by settlers from that country

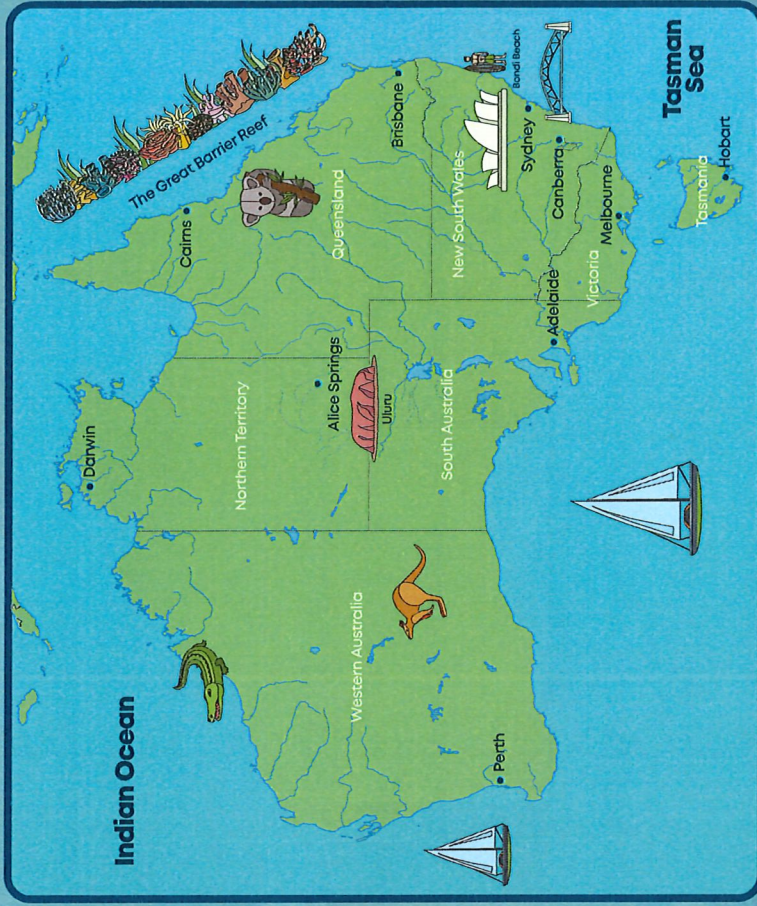
a person **who has moved, with other people, to live in a new country or area**

where a **raw resource is extracted from the earth**, e.g., coal

a **group of countries that used to be part of the British Empire**, but now voluntarily work together on issues such as human rights

a **community of plants and animals** that have shared characteristics due to the environment they live in

a **massive sandstone rock in Australia's Northern Territory**: Uluru is sacred to indigenous Australians and is thought to have started forming around 550 million years ago



deciduous forest

trees drop their leaves in winter

Tasmania and East Coast



tropical forest

tall trees growing close together

North coast, Queensland



savannah

tall grassland and scattered trees

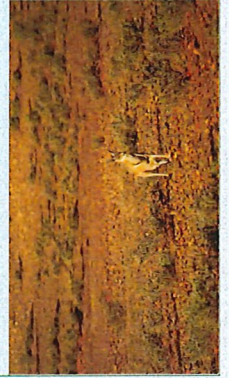
further inland on East Coast, parts of New South Wales



semi desert

short grass and small, dry bushes

across Australia including large parts of Western Australia



desert

sand and stone with few plants

Western and Central Australia





Art  
PKC



KEY  
VOCABULARY

dynasty

Ming dynasty

calligraphy

character

rice paper

scroll

hand scroll

hanging scroll

ink stick

ink stone

ceramic

porcelain

Ming ware

a **line of rulers of a country from the same family**: parts of modern-day China were ruled by different dynasties for thousands of years

**Chinese dynasty** from 1368-1644 C.E.

**decorative handwriting**

**Chinese writing symbols**

**thin paper** used for Chinese painting

a **roll of paper or silk** for writing or painting on: when rolled up, stored in a box

a **long, narrow, horizontal scroll**, viewed by being held by the viewer, maybe on a table

a **scroll displayed vertically on a wall** for a short period of time

a **solid stick of ink**

a **stone for grinding ink** on

**fired clay**

a **white translucent ceramic**

**Ming dynasty ceramics**

# Chinese Painting and Ceramics



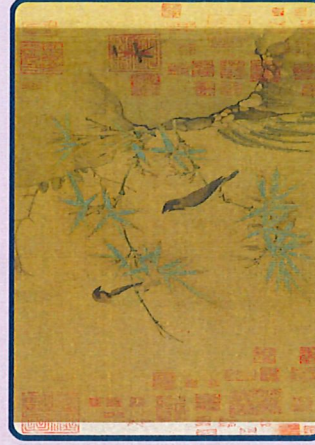
5 YEAR  
PKC  
CERAMICS



early 15th century  
porcelain jar with  
cobalt blue dragon



Fisherman (with poem) c.1350  
hand scroll - ink on paper



Finches and Bamboo Early 12th century  
hand scroll - ink and colour on silk



c.1050 hand  
scroll - ink and  
colour on silk

