

# Curriculum Overview, Year Six

Term Three, 2021



## English

### Unit 4: Letter to the future

**Learning intention:** We are learning to write a letter to my future self in the year 2061, informing of current events and changes over time

### Reading

Students can:

- read and comprehend a letter from an historical context analysing and explaining the language features used by the author.

### Writing

Students can:

- format a letter to themselves in the future using paragraphs to inform about self, purpose and relevant topics
- write cohesive sentences and paragraphs elaborating on ideas that will inform about people, places, events and feelings pertinent to them.
- use a variety of language features that are appropriate to a letter to express meaning and point of view e.g. objective and subjective language, effective noun, verb and adverbial phrases, modality and comparative language.

### Speaking and Listening

Students can:

- read and listen to peer's letters and give feedback to improve writing and ask clarifying questions.

## Mathematics

### Number and Algebra

Students can:

- identify and describe prime, composite, square and triangular numbers
- solve problems involving the 4 operations with whole numbers and integers
- locate and represent positive and negative integers
- calculate percentages and discounts
- apply order of operations to solve problems
- sequence fractions and decimals and describe the rule used

### Fractions and Decimals

Students can:

- add and subtract fractions with related denominators
- calculate a fraction of a quantity
- multiply and divide decimals by the power of 10
- solve problems involving fractions and decimals

### Measurement and Geometry

Students can:

- convert between units of measure, compare length and solve problems involving length, area, volume and capacity.

### Location and Transformation

Students can:

- use a Cartesian plane to plot and locate ordered pairs
- apply one-step transformations and describe the effect of combinations of translations, reflections and rotations.

The subjects below are taught across Semester 2

## Science

### Unit 4: Life on Earth (Biological Sciences)

**Learning intention:** We are learning to plan, conduct and evaluate an investigation to identify the best environment to store bread and minimise mould growth.

**Unit 1: Making changes** (Chemical Sciences taught by Science Specialist) **Learning intention:** We are learning to investigate reversible and irreversible chemical changes to materials

## Other Learning Areas

### HASS

**Unit 4:** Australia's global connections

**Unit 3:** Australia in a diverse world

**Unit 5:** Making decisions to benefit my community

**Technologies:** Data changing our world

**The Arts:** Dance and Media arts

**Languages:** Japanese