Year 6 - Term 2 - 2021

Together We Build the Future

MATHEMATICS

Through the proficiency strands - understanding, fluency, problem-solving and reasoning students have opportunities to develop understandings of:

Number and Place Value - select and apply mental and written strategies and digital technologies to solve problems involving multiplication and division with whole numbers, and identify, describe and continue square and triangular numbers.

Fractions and Decimals - apply mental and written strategies to add and subtract decimals, solve problems involving decimals, make generalisations about multiplying whole numbers and decimals by 10, 100 and 1 000, apply mental and written strategies to multiply decimals by one-digit whole numbers, and locate, order and compare fractions with related denominators and locate them on a number line.

Patterns and Algebra - continue and create sequences involving whole numbers and decimals, describe the rule used to create these sequences and explore the use of order of operations to perform calculations.

Using Units of Measurement - make connections between volume and capacity.

Shape - problem-solve and reason to create nets and construct models of simple prisms and pyramids.

Geometric Reasoning - make generalisations about angles on a straight line, angles at a point and vertically opposite angles, and use these generalisations to find unknown angles.

Assessment

- Order of Operations
- Investigating Angles
- Investigating Pyramids and Measurement

English

Comparing Texts

Students listen to, read, view and analyse literary and informative texts on the same topic. Students explore and evaluate how topics and messages are conveyed through both literary (imaginative) and informative texts, including digital texts. Students identify the author's purpose and analyse similarities and differences in texts. They compare and analyse the effectiveness of each text in its ability to deliver a message. They write arguments persuading others to a particular point of view using specific structural and language features studied during the unit. Students transform an informative text into a literary text for younger audiences.

Assessment

- Compare 2 texts. Narrative to Informative.

HASS

Making Decisions

In this unit, students:

- investigate a familiar community or regional economics or business issue that may affect the individual or the local community
- examine how the concept of opportunity cost involves choices about the alternative use of resources and the need to consider trade-offs
- identify the effect that consumer and financial decisions can have on the individual, the broader community and the environment
- recognise the reasons businesses exist and the different ways they provide goods and services
- present findings and conclusions in a range of communication forms that incorporate source materials, communication conventions and discipline-specific terms.

Assessment

- Written response on the cause and effect of decisions made locally for the benefit of the community.

Design Technology

Acquire, store and validate different types of data, and use a range of software to interpret and visualise data to create information.

Assessment

- Design a Habitat

The ARTS

Media Art

Students will explore representations and characterisations of indigenous people in a music video and how point of view is controlled by the creators through the use of props, settings and images. Students will listen to and respond to story principles and genre conventions utilised. They will compare and explain the shaping of viewpoint, idea and stories in the media and examine representation of character, time and place in media artworks from Australia and Aboriginal peoples and Torres Strait Islander peoples.

Assessment

- How does the media portray their message? Analysis props, etc.

SCIENCE

Life on Earth

Students develop an investigable question and design an investigation into simple cause-and-effect relationships including identifying variables to be changed and measured and potential safety risks. Students collect, organise and interpret data to identify environmental factors that contribute to mould growth in bread and explain how scientific knowledge helps to solve problems.

Assessment

- Investigating Mouldy Bread