



Science

Chemical Sciences - All About Materials

In this unit, students will:

- investigate physical properties of materials and consider how these properties influence the selection of materials for particular purposes
- consider how science involves making predictions and how science knowledge helps people to understand the effect of their actions
- make predictions and use appropriate materials and equipment safely to make and record observations when conducting investigations
- represent data, identify patterns in their results, suggest explanations for their results, compare their results with their predictions, and reflect upon the fairness of their investigations
- complete simple reports to communicate their findings.

Assessment:

Students will investigate the observable properties of materials and explain how these materials are used in real life.

English

Selected Novel – Rowan of Rin

In this unit, students will:

- explain how language features and vocabulary are used to engage the interest of the audience
- describe literal and implied meaning the text
- explore how the meaning of sentences can be enriched through the use of language features and vocabulary
- use language features to create coherence and add detail to their work
- reread and revise written texts to improve accuracy and clarity
- make presentations according to contexts.

Assessment:

Written: Students will analyse the novel Rowan of Rin to explain how the author represents the main character during an important event in the story.

Speaking: Students use interaction skills to express a preference, and respond to others' viewpoints, about a character.

Mathematics

In this unit, students will:

Number

- draw on proficiency with addition and multiplication facts to add and subtract, multiply and divide numbers efficiently
- use algorithms to generate sets of numbers, recognising and describing any patterns that emerge
- develop and use strategies for multiplication that are based on their understanding of multiplication as an operation and their knowledge of laws for arithmetic operations

Probability

- draw on reasoning skills to analyse, categorise and order chance events and identify independent and dependent events
- investigate variability by conducting repeated chance experiments, observing results

Space

- represent and approximate shapes and objects in the environment

Assessments:

Number - Finding unknowns, creating algorithms and identifying emerging patterns

Probability - Ordering likelihood of events and conducting chance experiments

Number (Monitored) - Using proficiency with facts when calculating.

Measurement (Monitored) - Comparing angles to a right-angle.

Space (Monitored) - Representing shapes and objects

Humanities and Social Sciences

This unit is taught across term 3 and 4.

Students will conduct an inquiry to answer the following question:

How can people use environments more sustainably?

In this unit, students will:

- 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.
- Identify different views on how to respond to a sustainability issue.

Assessment: Students will compare locations in Africa and South America, students will explore a local sustainability issue and identify solutions

Health and Physical Education - Mr Bloxom

In this unit, students will design a sustainable outdoor play space within the school community. They will identify sustainable practices (reduce, save, interact, protect) within their created play space. Students will describe and draw conclusions about how their play space promotes health, wellbeing, safety and physical activity.

Assessment: Students will show their knowledge and understanding through identifying local resources to support their health, wellbeing, safety and physical activity. They will investigate through describing connections they have to their community as well as interpreting health messages and discussing the influences on healthy and safe choices.

The Arts – Music - Ms Harris

In this unit, students will make and respond to music by exploring the ways that characters and their actions are portrayed musically.

Assessment: Students will use a variety of rhythms and instruments to compose and perform music that depicts a character or their action. They will respond by explaining how they used the elements of music in their composition.

The Arts – Drama Specialist Teacher

In this unit, students will make, perform and respond to a drama using stimulus and ideas from toys coming to life in a Toy Store.

Assessment: Students will collaboratively create and perform a scripted drama based on a Toy Store.

Design Technologies

This unit is taught across term 3 and 4.

In this unit, students will investigate through the design process the suitability of materials. They will investigate systems, components, tools and equipment used for specific purposes. They will explore the role of people in Design and Technologies occupations as well as factors that impact on designs and meet community needs.

Assessment: Design Challenge - Students will repurpose an item to create another useful item.