

ENGLISH

Examining and Creating Fantasy Texts

In this unit, students listen to, read and interpret a novel from the fantasy genre showing understanding of character development in relation to plot and setting. They demonstrate the ability to analyse the development of a main character through a written response. They create the first chapter of a fantasy novel, depicting contrasting fantasy characters in relation to setting and plot.

MATHEMATICS

In this unit students apply a variety of mathematical concepts in real-life, lifelike and purely mathematical situations.

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

- **Number and place value** - make connections between factors and multiples, identify numbers that have 2, 3, 5 or 10 as factors, represent multiplication using the split and compensate strategy, choose appropriate procedures to represent the split and compensate strategy of multiplication, use a written strategy for addition and subtraction, round and estimate to check the reasonableness of answers, explore mental computation strategies for division, solve problems using mental computation strategies and informal recording methods, compare and evaluate strategies that are appropriate to different problems, make generalisations.
- **Fractions and decimals** - use models to represent fractions, count on and count back using unit fractions, identify and compare unit fractions using a range of representations and solve problems using unit fractions. Add and subtract simple fractions with the same denominator.
- **Using units of measurement** - investigate time concepts and the measurement of time, read and represent 24-hour time, measure dimensions, estimate and measure the perimeters of rectangles, investigate metric units of area measurement, estimate and calculate area of rectangles.
- **Chance** - identify and describe possible outcomes, describe equally likely outcomes, represent probabilities of outcomes using fractions, conduct a chance experiment and apply understandings of probability and data collection to investigate the fairness of a game.

SCIENCE

Survival in the Environment

In this unit students analyse the structural features and behavioural adaptations that assist living things to survive in their environment. They understand that science involves using evidence and comparing data to develop explanations. Students investigate the relationships between the factors that influence how plants and animals survive in their environments, including those that survive in extreme environments, and use this knowledge to design creatures with adaptations that are suitable for survival in prescribed environments.

The ARTS

Visual Arts

In this unit, students will focus on representation of animals as companion, metaphor, totem and predator.

Throughout the unit, students will have opportunities to develop their higher-order thinking skills. Students will develop skills in thinking as they reflect, inquire, generate, analyse, synthesise and evaluate.

TERM OVERVIEW

Year 5 – Term 1 - 2021

Together we build the future

HASS

People and the Environment

In this unit, students will explore the following inquiry question:

- *How do people and environments influence one another?*

Learning opportunities support students to:

- examine the characteristics of places in Europe and North America and the location of their major countries in relation to Australia
- describe the relative location of places at a national scale
- identify and describe the human and environmental factors that influence the characteristics of places
- examine the interconnections between people and environments
- investigate the impact of human actions on the environmental characteristics of places in Europe and North America
- organise data in a range of formats using appropriate conventions
- interpret data to identify simple patterns, trends, spatial distributions and infer relationships
- evaluate evidence about the characteristics of places to draw conclusions about preferred places to live present findings and conclusions using discipline-specific terms.