

Learning Area Term Overview

Year 6 Term 3 2018		Assessment
English	<p>Exploring literary texts by the same author Students:</p> <ul style="list-style-type: none"> • Listen to and read novels by the same author • Identify language choices and author strategies used to influence readers • Compare two novels by the same author to identify aspects of author style • Prepare a response analysing author style in the novel • Participate in a small group discussion. 	<p>Assessment task: Written task and small group discussion Purpose: To analyse and evaluate the style of an individual author through short answer questions and small group discussion</p>
Maths	<p>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:</p> <ul style="list-style-type: none"> • Money and financial mathematics - Connect fractions and percentage, calculate percentages and discounts, calculate discounts of 10%, 25% and 50% on sale items • Number and place value - Identify and describe properties of prime, composite, square and triangular numbers, multiply and divide using written methods including a standard algorithm, solve problems involving all four operations with whole numbers, locating and representing positive and negative integers and solving problems involving integers. • Location and transformation - Identify the four quadrants on a Cartesian plane, plot and locate ordered pairs in all four quadrants, applying one-step transformation and describe the effect of combinations of translations, reflections and rotations. • Patterns and algebra - Create and complete sequences involving fractions and decimals, describe the rule used to create the sequence and apply the order of operations to aid calculations when solving problems. • Fractions and decimals - Add and subtract fractions with related denominators, calculate a fraction of a quantity, multiply and divide decimals by powers of ten, add and subtract decimals, multiply decimals by whole numbers, divide numbers that result in tenths and hundredths and solve problems involving fractions and decimals. • Using units of measurement - Connect decimals to the metric system, convert between units of measure, comparing length and solve problems involving length and area and connect volume and capacity. 	<p>Assessment task: Calculating fractions and decimals Purpose: To locate fractions on a number line, solve problems involving the addition and subtraction of related fractions, calculate a simple fraction of a quantity and describe rules for sequences involving fractions and decimals. To perform calculations on decimals including multiplying and dividing by powers of 10 and make connections between capacity and volume.</p> <p>Assessment task: Locating integers and describing transformations Purpose: To describe the use of integers in everyday contexts, locate integers on a number line, locate an ordered pair in any one of the four quadrants on the Cartesian plane and describe combinations of transformations.</p> <p>Assessment task: Identifying number properties and calculating percentage discounts. Purpose: To recognise the properties of prime, composite, square and triangular numbers, solve problems involving division and multiplication, calculate common percentage discounts on sale items and connect fractions, decimals and percentages as different representations of the same number.</p>
Science	<p>Life on Earth Students will</p> <ul style="list-style-type: none"> • Explore the environmental conditions that affect the growth and survival of living things. • Use simulations to plan and conduct fair tests and analyse the results of these tests. • Pose questions, plan and conduct investigations into the environmental factors that affect the growth of living things. • Gather, record and interpret observations relating to their investigations. 	<p>Assessment task: Bread mould investigation Purpose: To 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. To 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.</p>
HASS	<p>Australia in a diverse world In this unit students will investigate the following key inquiry question: How do places, people and cultures differ across the world? Students:</p> <ul style="list-style-type: none"> • Students will: • Examine the geographical diversity of the Asia region and the location of its major countries in relation to Australia • Investigate differences in the economic, demographic and social characteristics of countries across the world • Consider the world's cultural diversity, including that of its indigenous peoples • Identify Australia's connections with other countries • Organise and represent data in large- and small-scale maps using appropriate conventions • Interpret data to identify, describe and compare distributions and trends • present ideas, findings and conclusions in a range of communication forms that incorporate source materials, mapping, communication conventions and discipline specific terms. 	<p>Assessment task: Australia in a diverse world – written task Purpose: To demonstrate an understanding of the diversity of places by representing, interpreting and describing data and information about the characteristics of places.</p>
Other Learning Areas		
Technology	The Arts	Languages other than English
Design Technologies (Sem 2)	Drama (Sem 2)	Japanese or Spanish
		Health and Physical Education
		Physical Education