

## Year 4 - Semester 1 2022

Learning area	Unit Summary	
<b>English</b>	<ul style="list-style-type: none"> <li><b>Imaginative Narrative</b> Students will write an entertaining, imaginative narrative about a provided stimulus. They analyse the language features, text structure and language devices used to create an entertaining story.</li> </ul>	<ul style="list-style-type: none"> <li><b>Historical narrative</b> Students read the historical novels, Beth the Convict Child and Eliza Bird. They analyse the text features of an historical narrative and compare this to an imaginary text. Students use their knowledge to create an historical narrative about a convict</li> <li><b>Examining humour in poetry.</b> Read and listen to a range of humorous poems by different authors. Identify structural features and poetic language devices in humorous poetry</li> </ul>
<b>Mathematics</b>	<p>Students develop understandings of:</p> <ul style="list-style-type: none"> <li><b>Number and place value</b> — make connections between representations of numbers; partition and combine numbers flexibly; recall multiplication facts; formulate, model and record authentic situations involving operations; compare large numbers; generalise from number properties and results of calculations; and derive strategies for unfamiliar multiplication and division tasks</li> <li><b>Fractions and decimals</b> — communicate sequences of simple fractions</li> <li><b>Patterns and algebra</b> — use properties of numbers to continue patterns</li> <li><b>Using units of measurement</b> — use appropriate language to communicate times, compare time durations and use instruments to accurately measure lengths</li> <li><b>Chance</b> — compare dependent and independent events, describe probabilities of everyday events</li> <li><b>Data representation and interpretation</b> — collect and record data, communicate information using graphical displays and evaluate the appropriateness of different displays.</li> </ul>	<p>Students will be involved in learning the following mathematical concepts:</p> <ul style="list-style-type: none"> <li><b>Number and place value</b> – recognise, read and represent 5-digit numbers, identify and describe place value in 5-digit numbers, partition numbers using standard and non-standard place value parts, compare &amp; order 5-digit numbers, identify odd &amp; even numbers, make generalisations about the properties of odd &amp; even numbers, make generalisations about adding, subtracting, multiplying &amp; dividing odd &amp; even numbers, recall of 3's, 6's, 9s facts, solve multiplication and division problems, use informal recording methods for calculations, apply mental and written strategies to computation.</li> <li><b>Fractions and decimals</b> – revisit and develop understanding of proportion and relationships between fractions in the halves family and thirds family, count and represent fractions on number lines, represent fractions using a range of models, solve fraction problems in familiar contexts.</li> <li><b>Money and financial mathematics</b> – read &amp; represent money amounts, investigate change, rounding to five cents, explore strategies to calculate change, solve problems involving purchases &amp; the calculation of change, explore Asian currency &amp; calculate foreign currencies</li> <li><b>Location and transformation</b> – investigate the features on maps and plans, identify the need for legends, investigate the language of location, direction &amp; movement, find locations using turns &amp; everyday directional language, identify cardinal points of a compass, investigate compass directions on maps, investigate the purpose of scale, apply scale to maps &amp; plans, explore mapping conventions, plan &amp; plot routes on maps, explore appropriate units of measurement &amp; calculate distances using scales</li> <li><b>Geometric reasoning</b> – identify angles, construct &amp; label right angles, identify &amp; construct angles not equal to a right angle, mark angles not equal to a right angle.</li> <li><b>Shape</b> – explore properties of polygons and quadrilaterals, identify combined shapes, investigate properties of shapes within tangrams, create polygons and combined shapes using tangrams.</li> </ul>
<b>Science</b>	<p><b>Physical Science</b> They use their knowledge of forces to make predictions and safely predict data. Students use tables and column graphs to organise data and identify patterns so that findings can be communicated. They identify how science knowledge of forces helps people understand the effects of their actions</p>	<p><b>Chemical science</b> Student 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.</p>
<b>HASS</b>	<p><b>First fleet and the impact of colonization</b> Students will compare life before and after the arrival of the First Fleet. They will develop a text to explain how life has changed and/or stayed the same. They will participate in an incursion that explores the journey of the first fleet</p>	
<b>HPE</b>	<p><b>Physical Education:</b> Student will practise and refine fundamental movement skills in a variety of movement sequences and situations and apply movement concepts and strategies for athletics</p> <hr/> <p><b>Health:</b> Students will engage in a range of tasks related to health and safety, growth mindset, wellbeing, and growing and changing</p>	
<b>Technologies</b>	<p><b>Digital Technology</b> Students will explore with EV3's and learn how robots are used in the real world to implement solutions. They will use computational thinking skills to develop a simple understanding of an algorithm to implement solutions to problems using a block-based visual programming language. Students will use this code with sensors to control their EV3 robot to meet a series of driving challenges.</p>	
<b>The Arts</b>	<p><b>Drama</b> Students will rehearse and present drama exploring ideas and issues, roles, and character. They will begin learning about staging, rehearsal and acting skills, and present informal and formal performances to audiences. Students will experience and respond to a range of drama.</p> <hr/> <p><b>Music:</b> Students will develop aural skills by exploring, imitating and recognising elements of music including dynamics, pitch and rhythm patterns. They will read music notes on the staff and apply this knowledge to playing instruments such as the recorder and glockenspiel. Students will practise and record their performance of songs on an iPad.</p>	
<b>Chinese</b>	<p>Students will continue to build their knowledge of the Chinese language (pinyin, characters, numbers, greetings, courtesy phrases, songs, cultural comparing and festivals). They will develop their skills in speaking, writing, reading and listening using Chinese language. They will learn to exchange greetings, introduce themselves and each other and express thanks and apologies in Chinese.</p>	