

## Year 5, Semester 1 Overview 2022

Learning area	Unit Summary	
English	<ul style="list-style-type: none"> <li><b>Analysing and Creating Narrative Texts</b> Students participate in the explicit teaching of punctuation, grammar. Spelling, reading and all elements of the Seven Steps Writing Program to create an imaginative text to engage an audience.</li> </ul>	<ul style="list-style-type: none"> <li><b>Analysing and creating persuasive texts</b> Students read, view and interpret a range of short persuasive texts, news articles and reports. They enhance their understanding of how viewpoints are developed and portrayed convincingly</li> </ul>
Mathematics	<ul style="list-style-type: none"> <li><b>Number and place value</b> — 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</li> <li><b>Fractions and decimals</b> — 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</li> <li><b>Using units of measurement</b> — 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</li> </ul>	<ul style="list-style-type: none"> <li><b>Number and place value</b> — round and estimate to check the reasonableness of answers, explore and apply mental computation strategies for multiplication and division, solve multiplication and division problems with no remainders, solve problems using mental computation strategies and informal recording methods, compare and evaluate strategies that are appropriate to different problems and explore and identify factors and multiples.</li> <li><b>Fractions and decimals</b> — make connections between fractional numbers and the place value system and represent, compare and order decimals.</li> <li><b>Patterns and algebra</b> — create and continue patterns involving whole numbers, fractions and decimals, explore strategies to find unknown quantities.</li> <li><b>Shape</b> — apply the properties of 3D objects to make connections with a variety of two-dimensional representations of 3D objects, represent 3D objects with 2D representations.</li> <li><b>Location and transformation</b> — investigate and create reflection and rotation symmetry, describe and create transformations using symmetry, transform shapes through enlargement and describe the features of transformed shapes.</li> <li><b>Geometric reasoning</b> — identify the components of angles, compare &amp; estimate the size of angles to establish benchmarks, construct &amp; measure angles.</li> </ul>
Science	<p><b>Chemical Science- <i>It's a matter of state</i></b> Students will plan, conduct and evaluate investigations about matter and describe and apply knowledge of the physical properties of solids, liquids and gases. They will communicate ideas and findings using multimodal texts. Students will classify substances according to their observable properties and behaviours.</p>	<p><b>Biological Science - <i>Surviving in tough times</i></b> Students will research and analyse the structural and behavioural adaptations that assist animals to survive in their environment. They will communicate their ideas, explanations and processes using scientific representations.</p>
HASS	<p><b>Geography - <i>Where to holiday in Europe and North America</i></b> Students will investigate the characteristics of place and use evidence to draw conclusions about a preferred place to holiday. They will identify and describe the locations of places using mapping conventions and identify and explain interconnections between people and the human and environmental characteristics of places.</p>	<p><b>Civics and Citizenship – <i>Living in a democracy</i></b> Identify the values and processes of Australia's democracy. Describe the roles of different people in Australia's legal system and generate responses to legal issue</p>
HPE	<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>	
Technologies	<p><b>Digital Technology</b> Students will use their knowledge of block coding to create their own game using the App Tynker. They will follow the design thinking process to create their game.</p>	
The Arts	<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 technical and expressive skills in singing and playing instruments, using elements of music including rhythm, pitch, dynamics and form. They will read music notes on the staff and apply their music knowledge to playing instruments such as the recorder, glockenspiel and ukulele. Students used iPads to practise and record their performance of songs.</p>	
Chinese	<p>Students build on their understanding 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 explore initiating interactions and participating in short conversations to convey factual information.</p>	