

Year 6, Semester 1 Overview 2022

Learning area	Unit Summary	
English	Imaginative short stories Students are immersed in short story writing which involves similarities and differences. They will write an entertaining, imaginative narrative short story using about a character who faces a conflict.	Biographies Students read and view a range of biographies. They analyse text structure and language features to create their own biography of a Vietnamese migrant and present this to the class
Mathematics	Students develop understandings of: <ul style="list-style-type: none"> • Number and place value — identify and describe properties of prime and composite numbers, and select and apply mental and written strategies to problems involving all four operations • Fractions and decimals — order and compare fractions with related denominators, add and subtract fractions with related denominators, calculate the fraction of a given quantity and solve problems involving the addition and subtraction of fractions • Money and financial mathematics — investigate and calculate percentage discounts of 10%, 25% and 50% on sale items • Using units of measurement — solve problems involving the comparison of lengths and areas, and interpret and use timetables • Chance — represent the probability of outcomes as a fraction or decimal and conduct chance experiments. • Data representation and interpretation — revise different types of data displays, interpret data displays, investigate the similarities and differences between different data displays, identify the purpose and use of different displays and identify the difference between categorical and numerical data 	Students develop understandings of: <ul style="list-style-type: none"> • Number and place value - Identify and describe properties of prime and composite numbers, select and apply mental and written strategies to problems involving all four operations, select and apply mental and written strategies and Digital Technologies to solve problems involving multiplication and division with whole numbers, and identify, describe and continue square and triangular numbers. • Fractions and decimals - apply mental and written strategies to add and subtract decimals, solve problems involving decimals, make generalisations about multiplying whole numbers and decimals by 10, 100 and 1 000, apply mental and written strategies to multiply decimals by one-digit whole numbers, and locate, order and compare fractions with related denominators and locate them on a number line. • Patterns and algebra - continue and create sequences involving whole numbers and decimals, describe the rule used to create these sequences and explore the use of order of operations to perform calculations • Geometric reasoning - measure and describe angles, apply generalisations about angles on a straight line, angles at a point and vertically opposite angles and apply in real-life contexts. • Using units of measurement - solve problems involving the comparison of lengths and areas, and interpret and use timetables, make connections between volume and capacity
Science	Earth and Space and Biological Science Student will explain how natural events cause rapid changes to Earth's surface and how these changes to the environment effects living things.	
HASS	Civics and Citizenship - Our Federation Students will examine the key figures, events and ideas that led to Australia's Federation and constitution and recognise the contribution of individuals and groups to the development of Australian society since Federation.	History - Journeys to Australia Students will conduct an historical inquiry to investigate the experiences of a migrant and contributions of the migrant and their group to the development of Australia. Students will locate and collect relevant information and data from primary sources and secondary sources.
HPE	Physical Education: Student will practise and refine fundamental movement skills in a variety of movement sequences and situations and apply movement concepts and strategies for athletics. <hr/> Health: Students will engage in a range of tasks related to safety, wellbeing, healthy food and lifestyle choices and growing and changing.	
Technologies	Design Technology Students will plan and create a mixed media mask that expresses one of the Five Asian elements – Fire, Water, Earth, Metal and Wood. Students will use problem solving and critical thinking skills to correctly combine a variety of materials to construct their mask.	
The Arts	Visual Art – Explore mixed media in Asian works of art Students will plan and create a mixed media mask that expresses one of the Five Asian elements – Fire, Water, Earth, Metal and Wood. Throughout the unit they will respond to various artworks and use other artists work as inspiration to guide their own creations. Students will use problem solving and critical thinking skills to correctly combine a variety of materials to construct their mask. <hr/> Music: Students will work on developing more 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 will use iPads to practise and record their performance and compose music using GarageBand.	
Chinese	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.	