

## Year 6 - Semester 2

Learning area	Unit Summary	
<b>English</b>	<p><b>Exploring Literary Texts</b> Investigate the authors' style of a literary text. Students will compare two different authors by identifying, analysing and evaluating characteristics that define the author's style. They will prepare an entertaining speech that compares the author's style as represented by characters, ideas and events. Students will participate in a panel discussion with other students, clarifying and discussing ideas and opinions about author style.</p>	<p><b>FIFA World Cup Planning</b> Students compare and analyse information in different and complex texts to explore the diverse characteristics of Asian Countries. They will investigate and recommend the most suitable Asian country to host the next Football (soccer) World Cup from the list of Asian countries below: Japan, China, Thailand, South Korea, India, Indonesia. Students will explore the language features of informational texts to create an information report demonstrating to FIFA the reasons why they should host the next World Cup in your chosen Country,</p>
<b>Mathematics</b>	<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> — 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</li> <li>• <b>Fractions and decimals</b> — 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</li> <li>• <b>Money and financial mathematics</b> — connect fractions and percentage, calculate percentages and discounts, calculate discounts of 10%, 25% and 50% on sale items</li> <li>• <b>Patterns and algebra</b> — 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</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> — solve problems using the order of operations, solve multiplication and division problems using a written algorithm</li> <li>• <b>Fractions and decimals</b> — add, subtract and multiply decimals; divide decimals by whole numbers; calculate a fraction of a quantity and percentage discount; compare and evaluate shopping options</li> <li>• <b>Patterns and algebra</b> — represent number patterns in a table and graphically, use rules to continue patterns, write a rule to describe a pattern, apply the rule to find the value of unknown terms, solve integer problems, plot coordinates in all four quadrants</li> <li>• <b>Location and transformation</b> — apply translations, reflections and rotations to create symmetrical shapes</li> <li>• <b>Geometric reasoning</b> — 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</li> <li>• <b>Chance</b> — conduct chance experiments; record data in a frequency table; calculate relative frequency; write probability as a fraction, decimal or per cent; compare observed and expected frequencies</li> </ul>
<b>Science</b>	<p><b>Chemical Sciences Reversible and irreversible changes</b> Students investigate changes that can be made to materials and how these changes are classified as reversible or irreversible. They plan investigation methods using fair testing to answer questions.</p>	<p><b>Physical Science: Exploring Energy and Electricity</b> Students analyse requirements for the transfer of electricity in a circuit and describe how energy can be transformed from one form to another to generate electricity. Use scientific knowledge to assess energy sources selected for a specific purpose.</p>
<b>HASS</b>	<p><b>Geography - FIFA World Cup Planning</b> Students will investigate and recommend the most suitable Asian country to host the next Football (soccer) World Cup from the list of Asian countries below: Japan, China, Thailand, South Korea, India and Indonesia.</p>	
<b>HPE</b>	<p><b>Physical Education:</b> Students will practice fundamental movement skills and movement sequences using different body parts. They will participate in games with and without equipment.</p> <hr/> <p><b>Health:</b> Students will engage in a range of tasks related to cyber safety, wellbeing and growth mindset, healthy food and lifestyle choices and growing and changing.</p>	
<b>Technologies</b>	<p><b>Digital Technology</b> Students will explore and create with Lego Spike. They will use their knowledge and skills of Lego Spike to create a device to support any aspect of home automation</p>	
<b>The Arts</b>	<p><b>Dance</b> Students explain how ideas are communicated in artworks (dance) they make and to which they respond. They work collaboratively to share artworks (dance) for audiences, demonstrating skills and techniques.</p> <hr/> <p><b>Music:</b> Students will develop their aural skills by exploring and imitating sounds, pitch and rhythm patterns using voice, movement and body percussion. They will be engaged in singing and playing untuned percussion instruments to improvise and practise a repertoire of chants, songs and rhymes.</p>	