

South Bersted C.E. Primary School – Year 6 Long Term Plan (2017 – 2018)



	Autumn		Spring		Summer	
Creative Topic	<i>Earth and Beyond</i>	<i>Bullets, Bombs and Bunting</i>	<i>Heroes or Villains?</i>	<i>Artificial Intelligence</i>	<i>Bone Age to the Stone Age</i>	<i>Enterprise Topic Fair Trade</i>
English Genres	Diary entries Non-chronological reports Newspaper reports Biographies Texts: Sea of Tranquility Bob Man on the Moon Dr Zargel's Book of Earthlets	Poetry Narrative Letter Diary Persuasive Writing Texts: Good Night Mr Tom Friend or Foe The Lion and the Unicorn	Narrative Newspaper reports Poetry Texts: Macbeth Beowulf The Highway Man	Narrative extract Newspaper reports Persuasive argument Texts: Hugo The Iron Man	Narrative Information text Comic book Instructional text Texts: The Stone Age Boy UG: Boy Genius of the Stone Age How to Wash a Woolly Mammoth	Persuasive letters Information texts Explanations Texts: A range of non-fiction texts
Spellings	Focus on the Year 5 and 6 spelling list from the National Curriculum.		Pupils will deepen their understanding of suffixes including ate, ise, ify and ation. In addition to this, pupils will also focus on the prefix dis.		Pupils will focus on adverbials and modal verbs. In addition to this, pupils will focus on words ending in cious, tion, ant, ancy, ance and ation.	
Maths	Read, write, order and compare whole numbers. Multiply and divide whole numbers and decimals by 10 and 100. Revise 12 and 24 hour time, including reading and converting between the two. Pupils will calculate the area and perimeter of rectangles and convert between metric measures. In addition to this, pupils will identify multiples and factors of a given number. Pupils will refine their written methods for multiplication and division with remainders. Use a protractor to draw and measure angles. Pupils will also name parts of a circle. Order and compare numbers up to 100,000.		Pupils will place 6 digit numbers on a number line. Use rules to test divisibility. Know the properties of triangles and use key vocabulary to classify them. Read scales and convert metric measures. Pupils will apply their understanding of addition and subtraction to solving word problems. Calculate fractions of amounts. Pupils will use isometric paper to draw a range of polygons. Convert improper fractions to mixed number. Solve a range of problems linked to the four rules of number.		Mentally add and subtract decimals including money. Use short multiplication to multiply 3 and 4 digit numbers by a 2 digit number. Read write and compare decimals. Multiply whole numbers and decimals by 10, 100 and 1,000. Read and plot co-ordinates in all 4 quadrants. Calculate factor pairs. Estimate the area of irregular shapes and calculate the area of compound shapes. Begin to explore percentages and relate them to fractions and decimals. Use line graphs to represent changes in temperature.	

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<p align="center">Science</p>	<p>Earth and Space: Pupils will be able to describe the movement of the Earth and other planets within our solar system. In addition to this, pupils will be able to explain the Earth's rotation and how this causes day and night.</p>	<p>Evolution and Inheritance: Pupils will recognise how living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.</p>	<p>Light: Pupils will recognise that light travels in straight lines and they will use this understanding to explain how we see objects. Pupils will also explore shadows.</p>	<p>Animals including humans: Pupils will identify and name the main parts of the human circulatory system: blood vessels, lungs and the heart. Pupils will also discuss the impact of diet, exercise and drugs on the body.</p>	<p>Living things ad their habitats: Pupils will classify a range of living lings including micro-organisms and plants.</p>	
<p align="center">Computing</p>	<p>During the Autumn term, pupils will continue to deepen their understanding of using technology safely, respectfully and responsibly.</p>	<p>In using a range of sources to research elements of World War II, pupils will compare a range of sources and the validity of websites.</p>	<p>During the Spring term, pupils will use spread sheets for collecting and interpreting data. Pupils will continue to build on their understanding of conditional formatting from Year 5.</p>	<p>During the Summer term, pupils will develop their computer programming skills by using 'Python' to create their own algorithms.</p>		
<p align="center">History</p>	<p>Pupils will learn about the contributions of Neil Armstrong and Tim Peake to both international and national achievements.</p>	<p>Pupils will research a significant turning point in British history by learning about the Battle of Britain and the precautions Britain took during this time.</p>	<p>Pupils will learn about the works of William Shakespeare with a key focus on Macbeth.</p>	<p>Geography focus this half term</p>	<p>Pupils will learn about the changes in Britain from the Stone Age to the Iron Age including key information about Neolithic hunter-gatherers and early farmers. Pupils will also learn about advances in technology and travel including Stonehenge.</p>	<p>Pupils will learn about origin and the impact of Oxfam on farmers and families that live in other countries and climates.</p>
<p align="center">Geography</p>	<p>History focus this half term.</p>	<p>Pupils will deepen their understanding of continents and countries across the world and their involvement during the second world war including the axis of power.</p>	<p>History focus this half term</p>	<p>Pupils will consider technological achievements and the impact this has had on tourism.</p>	<p>Pupils will consider the positive impact that buying Fair Trade products has on different countries across the world. Pupils will also consider and debate the impact of the Millennium Goals. In doing this, pupils will learn about different land uses and trade links between different countries.</p>	

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RE	Creation and Science: conflicting or complementary? Was Jesus the Messiah?		How can following God bring freedom and justice? What difference does the resurrection make to Christians?		What kind of King is Jesus?	
Art /DT	Pupils will mix and match colours to create atmosphere and light effects in their own piece of art work based on the artist Peter Thorpe.	Pupils will explore sketching techniques, by creating their own art work in the style of Henry Moore. In addition to this, pupils will hold their own DT day and create their interpretations of an Anderson or Morrison shelter.	Pupils to design and create their own hero or villains eye mask. In addition pupils will study comic strips and create their own.	Pupils will design and plan their own Jitter Bug, which they will create using an electrical circuit. Pupils will then evaluate their Jitter Bugs suggesting improvements.	Pupils will study cave painting and explore a range of mediums to create their own cave painting.	Pupils will design, plan make and evaluate their own Fair Trade product.
Music	Rhythm and Pulse Play and perform in solo and ensemble contexts		Pitch Develop and understand the history of music		Instruments and singing games Production – TBC	
PE	Invasion Games - Rugby Dance – pupils will learn to jive linked to their Year 6 topic.		Gymnastics Invasion Games – Football/Handball		Athletics Striking and fielding – rounders and cricket	
PSHCE	Rules SEAL: New Beginnings	Getting on and falling out	Going for goals	Good to be me	Relationships	Changes
Trips and Visitors	Pupils will visit Chichester Planetarium	Pupils will experience a theatre reenactment of WWII.				Year 6 residential.