



## Year 6 Long Term Plan 2019-2020

	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Maths</b>	Number and place value Addition and subtraction Multiplication and division Geometry (2D and 3D shapes)	Fractions (shape, number and problem solving) Fraction, decimal and percentage equivalence Measure (Length and mass) Measure (Capacity and time) Number and place value	Position and direction - reflect, rotate, translate Geometry (shape and angle/ parts of the circle) Geometry (angle / pie charts) Fractions and ratio (10) Subtraction and addition / NPV / patterning and linear sequences (focus on mental strategies) All four operations Statistics (line graphs including temperature and negative numbers, mean average)	Measurement (length/volume and capacity/reading scales / imperial conversions) Measurement (time) Algebra (including formulae) Percentages Statistics (line graphs including temperature and negative numbers, mean average) All four operations (secure the formal and informal methods) / statistics	Number and place value Addition and subtraction Multiplication and division Geometry (position and direction) Fractions Multiplication and division (including square, cube and prime numbers)	Addition and subtraction / whole numbers and fractions Multiplication and division (tables and related facts) Fractions/ geometry Ratio and proportion Multiplication and division (secure formal methods) All four operations (context: measure) Transition maths
<b>English</b>	Learning Journey 1 Shadow of the minotaur- Outcome- Narrative, The adventures of Odysseus Learning journey 2 Comparative text - Dragonology Outcome: Non - chronological report Learning journey 3 Web examples Persuasive letter to persuade school to be more Eco friendly	Learning Journey 1 Journey to joburg- Beverley Naidoo Outcome- Speech for a political campaign Learning journey 2 Atlas of Adventures/ wonders of the world - NF text driver Outcome- Persuasive Advert on one of the wonders of the world. Learning Journey 3 Eye of the Wolf - By Daniel Pennac Animal stories/ Fable Written from 2 viewpoints- from wolf & boy Outcome- diary written	Learning Journey 1 The Whale- (picture book) By Vita & Ethan Murrow Outcome- Poster on saving the whale Learning Journey 2 A different dog by Paul Jennings- A short Novel Outcome - Flashback How does the character develop - How does the dog change? Learning Journey 3 The lost book of adventure- By The Unknown adventurer Outcome - Instructional writing	Learning Journey 1 War Horse Outcome - Diary Write a soliloquy Learning Journey 2 Black Beauty Outcome - Persuasive buyers guide		Transition English

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		from the viewpoint of the wolf Outcome 4- Poetry Coming Home- Michael Morpurgo				
<b>Science</b>	<b>Electricity-</b> Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. Use recognised symbols when representing a simple circuit in a diagram. Components of the circuit.	<b>Living things and their habitats-</b> Revisit classifying creatures in the school grounds and their reason why using classification keys. Similarities and differences. Duckbilled platypus- doesn't always fit!	<b>Evolution-</b> Living things have changed over time linking to fossils. Offspring vary and are not identical to their parents. Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution We know the animals on the planet now are not the same as they are now due to fossils. How did that happen? Acknowledge the gaps in what know. Lead to Darwin's theory. Woolly worms- which did you find first? Stages of the life cycle have a real purpose.		Animals including humans- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.- Food - energy/growth/repair Exercise - (link evolution) - lack of exercise the body will not grow or function properly Sex Education	
<b>Computing</b>	<b>Programming - Scratch</b> (Crab maze, Times Table game, Counting machine)		<b>Microsoft Office</b>		<b>Programming - Crumble</b> (Robot Wars)	
<b>Online Safety</b>	<b>Signing up - Online Accounts</b>		<b>Online Presence</b>		<b>Social Media - PHSE link</b>	
<b>Geography</b>		Comparative study South Africa- Gosport (main focus: Place knowledge)		<b>UK Cities</b> (main focus: Place knowledge)		
<b>History</b>	Ancient Greece		World War 1			Mary Rose

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<b>PE</b>	Dance Rugby	Multi-skills				
<b>PSHE</b>	<i>Managing conflict</i>	<i>The world of work</i>	<i>Taking responsibility for my own safety</i>	<i>Changing relationships</i>	<i>Rights, responsibilities and the law</i>	<i>Transition and managing change.</i>
<b>RE</b>	Interpretation (2 birth narratives)  Incarnation		Power  Sacrifice (WW1)  Resurrection		Jesus the law breaker Justice  Avatar  Enlightenment	
<b>French</b>	School and routines	Café/food	Leisure activities	Countries and the world	Numbers 70-100	Media/the news Past and present
<b>P4C</b>		Journey to Jo'Burg (Apartheid) - What is freedom? Is it okay to be different? RE -		World War 1 (War Horse) - Is it right to control another human being? RE -		Moving On (Change/Transition) - Is change good?
<b>Art</b>	<b>AUT: Ancient Greece-street view</b> <b>Drawing:</b> Perspective/focal point, composition, linear perspective <b>Painting:</b> colour mixing <b>Sculpture:</b> Carving using soft woods- pillars including papier mache/pulp/mod roc.		<b>SPR: War horse illustrations</b> <b>Drawing:</b> Perspective/focal point, composition, linear perspective <b>Painting: Ink</b> <b>Collage/ICT: using media to layer</b> Pick a sentence out of the book and recreate in the style of the Divya Scialo (composition and perspective).		<b>SUM: South America</b> <b>Drawing:</b> line- ink <b>Painting:</b> colour mixing <b>Printing:</b> relief/impressed <b>Sculpture:</b> block printing on fabric. <b>Textiles:</b> weaving Artist: Beatrix Milhaze Jennifer Durrant	
<b>DT</b>	<b>Structures</b> bird feeder/box- waterproofing, strengthening joining, cutting 3D shapes, finishing: Client: Alver Valley Schools		<b>Food and nutrition</b> <i>Different breads from around the world? Shaping of bread, gluten structure, garlic bread and different varieties.</i>		<b>Mechanics</b> <i>design a vehicle for robot wars using motors, gears and pulleys, mesh, motor spindle:</i> <b>Computing</b>	

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	Purpose: To create a weather proof bird feeder/box for Alver Valley forest area.	Purpose: Health and safety, nutrition, preparing food techniques, choices, how and where is it grown, how seasons affect the produce, understanding the role of yeast. Food a fact of life.	<i>program the vehicle for robot wars: using Crumble)</i> Client: individual children to the robot wars competition. Purpose: To be the robot wars champion. Link to criteria for winning the competition.
<b>Music</b>	Brass		Singing and Performance
<b>Extra Information</b>	Residential SATS meeting		