


Year 6 Long Term Plan 2022-23

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Maths	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, 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
Reading	Fiction focus: The Adventures of Odysseus Non-fiction focus: Usborne Greek Myths and Legends Kensuke's Kingdom The Island (Armin Greder) The Arrival Grimm Tales: Rapunzel (Phillip Pullman) Grimm Tales: Hansel and Gretel (Phillip Pullman)	Who Let the Gods Out? by Maz Evans High-Rise Mystery by Sharna Jackson Cogheart: Peter Bunzl Rooftoppers - Katherine Rundell Room 13 - Robert Swindells The Wolf Wilder by Katherine Rundell The Secret Garden by Frances Hodgson Burnett				Transition English

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	The Moment (MA)	Tom's Midnight Garden by Phillipa Pearce The Afterwards by Emily Gravett The Wolves of Willoughby Chase by Joan Aiken The Raven by Edgar Allen Poe Jabberwocky - Lewis Carroll				
Writing	Myths and Legends Fortnight: The Adventures of Odysseus The Iliad and the Odyssey Far From Home Fortnight: Way Home and Fly Me Home Heroes Week: The Princess' Blankets, Usborne Grimm Tales: Rapunzel Villains Week: The Guardian 3 Little Pigs video, Inside the Villains Poetry Week: The Moment by Margaret Atwood	The ways of the wolf - persuasive writing Eye of the wolf - diary	Decisive Darwin Read: The Whale Descriptive setting Parallel narratives A different dog - flashback	Woeful WW1 Dulce et decorum est in Flanders Fields Warhorse - recount, re write of a scene, diary The piano - flashback narrative	Amazing Animals The Wonder Garden Non Chronological reports The errand - instructions	Wild World - poem Animaliaian Wild Animals of the North Secondary - Frankenstein
Science	<u>Sound</u> Chapters 2+3	<u>Electricity-</u> Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit	<u>Evolution-</u> Living things have changed over time linking to fossils. Offspring vary and are not identical to their	Plants	<u>Living things and their habitats-</u> Revisit classifying creatures in the ire school grounds and their reason why using	<u>Animals including humans-</u> Identify and name the main parts of the human circulatory system, and describe the functions

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		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.	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.		classification keys. Similarities and differences. Duckbilled platypus- doesn't always fit!	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
Computing	Programming - Scratch (Crab maze, Times Table game, Counting machine) Score and timer variables		Microsoft Office (Excel) Recapping of formula Conditionals Sort/ refine Databases - houses (Right move)		Programming - Crumble (Robot Wars)	
Online Safety	Signing up - Online Accounts		Online Presence		Social Media - PHSE link	
Geography		Comparative study South Africa- Gosport (main focus: Place knowledge)			UK Cities (main focus: Place knowledge)	
History	Ancient Greece		World War 1			Mary Rose (mini topic - local study)
PE						
PSHE	<i>Relationships Attraction to others; romantic relationships; civil partnership and marriage Recognising and managing pressure; consent in different situations Expressing opinions and respecting other points of view, including discussing topical issues</i>		Living in the Wider World Valuing diversity; challenging discrimination and stereotypes Evaluating media sources; sharing things online Influences and attitudes to money; money and financial risks		<i>Health & well being What affects mental health and ways to take care of it; managing change, loss and bereavement; managing time online Human reproduction and birth; increasing independence; managing transition Keeping personal information safe; regulations and choices; drug use and the law; drug use and the media.</i>	

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RE	<u>Laws - Jesus the Law Breaker</u>	Prophecy - The Magi	Ritual - Wudu and Eid	Sacrifice - WW1	Ceremony - Death Ceremonies	Wisdom - Sacred Books
French	School and routines	Countries and the world	Leisure activities	Numbers 70-100	Café and food	Media/the news Past and present
P4C		Journey to Jo'Burg (Apartheid) - What is freedom? Is it okay to be different? RE link		World War 1 (War Horse) - Is it right to control another human being? RE link		Moving On (Change/Transition) - Is change good?
Art	<u>AUT: Ancient Greece - sculpting clay busts - Alison Coaten artist focus</u>	<u>AUT: South America</u> Drawing: line- ink Painting: colour mixing Printing: relief/impressed Sculpture: block printing on fabric. Textiles: weaving Artist: Beatrix Milhaze Jennifer Durrant	<u>SPR: War horse illustrations</u> Drawing: Perspective/focal point, composition, linear perspective Painting: Ink Collage/ICT: using media to layer Pick a sentence out of the book and recreate in the style of the Divya Scialo (composition and perspective).			
DT			Food and nutrition <i>Different breads from around the world? Shaping of bread, gluten structure, garlic bread and different varieties.</i> 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.		Structures bird feeder/box- waterproofing, strengthening joining, cutting 3D shapes, finishing: Client: Alver Valley Schools Purpose: To create a weather proof bird feeder/box for Alver Valley forest area.	Mechanics <i>design a vehicle for robot wars using motors, gears and pulleys, mesh, motor spindle;</i> <u>Computing</u> program the vehicle for robot wars: using Crumble) Client: individual children to the robot wars competition. Purpose: To be the robot wars champion. Link to

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				criteria for winning the competition.
Music	Singing and Performance			
Extra Information	SATS meeting			