

Cycle A													SHAWLANDS PRIMARY SCHOOL Long Term Year Plan Year 5 and 6 Cycle A Even-Odd years													Year 5 and 6												
		Aut 1		Aut 2		Spr 1		Spr 2		Sum 1		Sum 2																										
THEME/VALUE		Be Happy		Be Caring		Be Aspirational		Be Forward-thinking		Be Safe		Be Healthy																										
Topic		History of Space		Space travel/Aliens?		Greece		Ancient Greeks		Anglo Saxons and Vikings		Ancient Civilizations – Contrast to British History - Vikings!																										
Core	English	Maths	English	Maths	English	Maths	English	Maths	English	Maths	English	Maths																										
	Area 52 Do aliens exist? Space setting description	Place value 4 operations	Mars travel – brochure/report	FDP Shape	Greece tourist brochure	Measure Translation Graphs (science) Area and Perimeter		Y5 FDP consolidation Written methods	Lindisfarne newspaper report	Graphs Volume Shape	Cover any areas needed for moderation	Consolidation																										
			Biography – Elon Musk		Greek myth narrative		Y6 Algebra Ratio Scale Volume Angles				Coco- setting description																											
			Christmas advert		Non-chron report – Greek gods						Summer Show rehearsals – Y6																											
Reading focus		Space																																				
Guided Reading		Cosmic Phoenix Boy in a girl's bathroom		Holes Boy in a girl's bathroom Wonder		Who Let the God's out Percy Jackson		Nowhere Emporium Holes Boy in a girl's bathroom		Viking Boy		Holes Boy in a girl's bathroom																										
History		History of Space travel  a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066						Ancient Greece – a study of Greek life and achievements and their influence on the western world		Britain's settlement by Anglo-Saxons and Scots		a non-European society that provides contrasts with British history – one study chosen from: early Islamic civilization, including a study of Baghdad c. AD 900; Mayan civilization c. AD 900; Benin (West Africa) c. AD 900-1300. Mayans –Ancient Civilizations																										
Geography		identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)				understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies				use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied  use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world																												
DT				Moon buggy – apply their understanding of how to strengthen, stiffen and reinforce more complex structures						Viking Jewellery		Mechanisms																										

		<p>understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]</p> <p>understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]</p> <p>apply their understanding of computing to program, monitor and control their products</p>				
Art		Peter Thorpe Space art Painting		Greek sculpture – clay pottery Meander designs.	Viking longboats sketch	Frida Kahlo portrait
Science	<p><b>Space</b></p> <p>describe the movement of the Earth and other planets relative to the sun in the solar system</p> <p>describe the movement of the moon relative to the Earth</p> <p>describe the sun, Earth and moon as approximately spherical bodies</p> <p>use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky</p>	<p><b>Forces</b></p> <p>Pupils should be taught to:</p> <p>explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p> <p>identify the effects of air resistance, water resistance and friction, that act between moving surfaces</p> <p>recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect</p>	<p><b>Animals including humans</b></p> <p>Pupils should be taught to:</p> <p>describe the changes as humans develop to old age</p>	<p><b>Living things and their habitats</b></p> <p>Pupils should be taught to:</p> <p>describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird</p> <p>describe the life process of reproduction in some plants and animals</p>	<p><b>Properties and changes of materials</b></p> <p>Pupils should be taught to:</p> <p>compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</p> <p>know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</p>	<p><b>Properties and changes of materials continued</b></p> <p>use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating</p> <p>give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</p> <p>demonstrate that dissolving, mixing and changes of state are reversible changes</p> <p>explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda</p>
Science Investigation	How do shadows change through the day?	How does the size of the parachute change the speed of the fall?	Comparison of age investigation. Child vs adult competition		Which is the best material for retaining heat?	Which is the best material?
Computing	<b>Computational Thinking Coding and programming</b>	<b>Sound Video Creation</b>	<b>Word Processing Photography and Digital Art</b>	<b>Animation Augmented Reality and Virtual Reality</b>	<b>Data Handling Presentation, Web design and ebook creation</b>	<b>Animation Computer Networks</b>
RE	<p>Christianity and Hinduism</p> <p><b>Why are these words special?</b></p> <p><b>Why are some places special?</b></p>		<p>Christianity and Hinduism</p> <p><b>How can faith contribute to community cohesion?</b></p> <p><b>Why are some times special?</b></p>		<p>Christianity and Hinduism</p> <p><b>What can be learned from the lives of significant people?</b></p> <p><b>How do I and others feel about the universe around us?</b></p>	
Music	<p>Charanga</p> <p>Livin' on a prayer</p>	<p>Charanga</p> <p>Classroom Jazz 1</p>	<p>Charanga</p> <p>Make you Reel my Love</p>	<p>Charanga</p> <p>Fresh Prince of Bel-Air</p>	<p>Charanga</p> <p>Dancing in the street</p>	<p>Charanga</p> <p>Reflect Rewind Replay</p>
French	<p>Phonics lesson 3 and 4 (Core vocab)</p> <p>The date (Intermediate language unit)</p>	<p>My Home (Intermediate language unit)</p> <p>Planets (Progressive language unit) (moved from spring 2)</p>	Clothes (Intermediate language unit)	Olympics (Creative curr language unit)	Regular verbs (Progressive language unit)	Me and the World (Progressive language unit)
PSHE	<p>Peer Pressure</p> <p>(1/2 sessions)</p>	<p>Smoking (Y6 Science objective)</p> <p>DISCRETE Y5 PUBERTY</p> <p>Stealing (1/2 sessions)</p>	<p>Anger</p> <p>(1/2 sessions)</p>	<p>Making friends</p> <p>(1/2 sessions)</p>	<p>Enterprise</p> <p>(1/2 sessions)</p>	<p>Inclusion and acceptance</p> <p>(1/2 sessions)</p>
PE						
Trip/Visit/Living museum						

Cycle B



SHAWLANDS  
PRIMARY SCHOOL



Long Term Year Plan  
Year 5 and 6  
Cycle B  
Odd-Even years

Year  
5 and 6

	Aut 1 (7.5 weeks)		Aut 2 (7 weeks)		Spr 1 (7 weeks)		Spr 2 (6 weeks)		Sum 1 (5 weeks)		Sum 2 (7 weeks)	
THEME/VALUE	Be Happy		Be Caring		Be Aspirational		Be Forward-thinking		Be Safe		Be Healthy	
Topic	WW2 – Lest We Forget		WW2 – Britain Since 1930		Rainforest Could you survive Jumanji?		Monkey Business - Evolution		Healthy Lifestyles		Enterprise- smoothies!	
Core	English 1 <sup>st</sup> person narrative – evacuation/air raid –focus on vocab and punctuation (1 Week) (CP) Piano – narrative (3 weeks) (AM) Diary (Evacuee) (3 weeks)	Maths  Place value 4 operations	English <i>Biography – Roald Dahl as model text. Children pick focus: Beatles etc (3 weeks) (CP)</i>  <i>Non-chron Report –a decade (SG) 2 weeks</i>  <i>Letter - Age UK – loneliness at Christmas</i>	Maths  FDP Shape	English Deforestation Palm oil debates/discussion  Setting, description - Rainforest	Maths  Measure Translation Graphs (science) Area and Perimeter	English  Biography  Report – new species found  Newspaper report – last dodo/last rhino extinction	Maths  Algebra Ratio Scale Volume Angles	English  Info posters  Explanation – circulatory system  Discussion – transplant	Maths  Revision (Y5 continue) Graphs Volume Shape	English  Cover any areas needed for moderation  <b>Summer Show rehearsals – Y6</b>	Maths  Consolidation
Reading focus – class book	AM- <i>Goldfish Boy, Escape the Rooms, Non-fiction 'inspirational people' texts, guided reading extracts</i>		Enid Blyton stories <i>Boy</i>		Journey to River		Darwin Evolution					
Guided Reading	<i>Letters from a Lighthouse Goodnight Mr Tom</i>		<i>The boy at the back of the class.</i>		Explorer				Pig heart boy			
History	British history: An extended period study (significant changes over time) – Battle of Britain		British history: An extended period study (significant changes over time) - WW2 post war to modern day. – research themes and present)  a local history study – What was Barnsley like after the war –interviews if possible!  Fashion Technology Music Cars									
Geography	locate the world's countries, using maps to focus on Europe (including the location of Russia) concentrating on their environmental regions, key physical and human characteristics, countries, and major cities  (1 lessons –Allies and Axis)				identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night) Locational knowledge Locate the world's countries, using maps  physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water							

			<p>Rainforests under threat – the vanishing rainforest</p> <p>Biomes</p> <p>Trade links – Fair trade</p> <p>(6 session)</p>			
DT	<p><b>Lights Out!</b> – <b>Electrics</b> understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]</p> <p><b>Grow your own!</b> Rations - understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</p> <p><b>3 sessions-</b> Design, make and evaluate:</p> <p><b>Mend and Make do</b> - Recycle old clothing to make something useable Textiles select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</p> <p><b>3 sessions -</b> Design, make and evaluate:</p>				<p>Food – Cook healthy meals</p> <p>understand and apply the principles of a healthy and varied diet prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</p>	<p>The Smoothies project.</p> <p><i>Design</i></p> <ul style="list-style-type: none"> <li>use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups</li> <li>generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.</li> </ul> <p><i>Make</i></p> <ul style="list-style-type: none"> <li>select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately</li> <li>select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities</li> </ul>
Art	<p>Felt tip drawings - Propaganda posters - Phillip Zec</p> <p>Pastels - Blitz art</p> <p>(3 lessons – Learn, practise, create)</p>	<p>Digital Media - Painting Pop Art – Andy Warhol</p> <p>(3 lessons – Learn, practise, create)</p> <p>Shadow art - Tin foil people</p>	<p>Sculpture – recycled materials - collage</p> <p>Watercolour painting – rainforest – Henri Rousseau (3 lessons – Learn, practise, create)</p> <p>4 view animal art. (looking at whole face then close up detail of, nose, eye and pattern)</p>	Drawing	<p>Sketching – Da Vinci anatomical heart drawings</p>	
Science	<p><b>Lights out!</b> – Electricity associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit</p> <p>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</p> <p>use recognised symbols when representing a simple circuit in a diagram</p> <p>(5 lessons – vocab Plan Investigation, investigate + write up,</p> <p>DT - Plan a torch, Create, evaluate)</p>	<p>Light &amp; shadow including the eye – periscopes</p> <p>recognise that light appears to travel in straight lines use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them</p> <p>(5 sessions - vocab, 1 per objective)</p>	<p>Living things and their habitats (classification)</p> <p>describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals</p> <p>give reasons for classifying plants and animals based on specific characteristics</p> <p>(5 sessions - vocab, 1 per objective)</p>	<p>Evolution &amp; adaptation</p> <p>recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago</p> <p>recognise that living things produce offspring of the same kind, but normally, offspring vary and are not identical to their parents</p> <p>identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution</p> <p>Mr Men/Dog DNA – Dog Traits activity (5 sessions - vocab, 1 per objective)</p>	<p>Animals including humans (circulatory system / healthy lifestyles)</p> <p>identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood</p> <p>recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function</p> <p>describe the ways in which nutrients and water are transported within animals, including humans</p>	<p>Research a famous scientist</p> <p><a href="https://planbee.com/products/great-british-scientists">https://planbee.com/products/great-british-scientists</a></p> <p>(6 sessions)</p>
Science Investigation	<p>Do the number of cells/bulbs affect the brightness?</p> <p>(2 lessons – Plan then do –review see above)</p>	<p>How does the time of day effect the length of shadow? Graph!</p> <p>2 lessons – Plan then do –review see above</p>	<p>Which bug house has the best conditions for an insect? Locate around school</p>	<p>Which beak is the best type? Chop sticks, tweezers, spoons, Record results on graph</p>	<p>How does exercise affect your heart rate? Graph of results</p>	

Computing					Internet Safety – link to PSHE	
RE	Christianity and Sikhism <b>Why are these words special?</b>  (1 lesson) <b>Why are some places special?</b> <ul style="list-style-type: none"><li>- Gurdwara</li><li>- Pilgrimage?</li></ul> (1 lesson)		Christianity and Sikhism <b>How can faith contribute to community cohesion?</b>  (1 lesson) <b>Why are some times special?</b> <ul style="list-style-type: none"><li>- Festivals</li></ul> (1 lesson)		Christianity and Sikhism  <b>What can be learned from the lives of significant people?</b> <ul style="list-style-type: none"><li>- Guru Nanak</li><li>- Gobind Singh</li></ul> <b>How do I and others feel about the universe around us?</b>	
Music	<b>War Songs</b> Perform Charanga – Happy (up to 6 sessions)	Classroom Jazz 2 - Changes over time (up to 6 sessions)	A new year Carol  (up to 6 sessions)	You've got a friend in me  (up to 6 sessions)	Music and Me  (up to 6 sessions)	Reflect Rewind Replay  (up to 6 sessions)  <b>Summer Show rehearsals – Y6</b>
French	Phonics lesson 1 and 2 (Core vocab) The Weather (Intermediate language unit)	Family (Intermediate language unit)	Pets (Intermediate language unit)	At School ((Progressive language unit)	Healthy Lifestyles (creative curriculum)	At the Weekend (Progressive language unit)
PSHE	Water Safety British Values  (2 sessions)	Looking out for Other Children  (1/2 sessions)	Worry  (1/2 sessions)	Image sharing  (1/2 sessions)	In-app purchases Alcohol – discrete Science obj  (2 sessions)	DISCRETE Y6 CONCEPTION  (1/2 sessions)
PE	1 a week – 7 sessions	1 a week – 7 sessions	1 a week – 7 sessions	1 a week – 7 sessions	1 a week – 7 sessions	1 a week – 7 sessions
Trip/Visit/Living museum	Eden Camp Evacuee day (1 session – take on a job!)			Residential trip!	Tesco visit?	