

Second Year

Lighthorne Heath Primary School

Year 4, 5 and 6 long term plan for 2018/19

Key: Science Design Technology History Geography Computing Art & Design Music PE RE PSHE

	Autumn Term	Spring Term	Summer Term
1 st half	<p style="text-align: center;">Crime and Punishment</p> <p>Materials (uses of materials and creating new materials e.g. Spencer Silver, Ruth Benerito) Unit 5.4 Mixtures and Reactions Crime and Punishment (through the ages) PSHE - The Taking Care Project / My relationships (CAM 5C) Computing - Digital Literacy and Online Technologies E-Safety - see e-safety plan</p>	<p style="text-align: center;">Rainforests</p> <p>Living things and their habitats (Classification, Carl Linnaeus, changing environments and how this poses danger to living things) Unit 6.3 Classification Revision for Year 6 - filling the gaps Rainforests (trade links e.g. chocolate, climate zones, biomes and vegetation belts) Cooking and Nutrition (Chocolates and chocolate boxes) Art- Batik Computing E-Safety - see e-safety plan PSHE - Drugs and their uses (CAM 4D)</p>	<p style="text-align: center;">Water & Rivers</p> <p>Water Cycle States of Matter (Solids, liquids, gases, cooling and heating) Unit 4.6 States of Matter Rivers (The Thames and the Leam - changes over time, trade links, maps, grid references, symbols, water cycle) Art - Viewpoints, Impressionists (Monet) Design and make a bridge Computing E-Safety - see e-safety plan RE - Is it better to express your beliefs in arts and architecture or in charity and generosity/ PSHE - me and my community (CAM 5G)</p>
2 nd half	<p style="text-align: center;">Freedom</p> <p>Evolution and Inheritance Unit 6.6 Evolution Slavery (Equiano, Black History) Art Week - Quilting (Freedom Quilt) Computing E-Safety - see e-safety plan PSHE - Anti-bullying (SEAL) Bullying (CAM 4I) / Discrimination (link to black history and racism) Valuing differences (CAM 5D) RE - What can we learn from religion about deciding right from wrong?</p>	<p style="text-align: center;">Electricity</p> <p>Electricity Unit 6.4 Electricity Revision for Year 6 - filling the gaps History - Inventions (Look at famous scientists involved in electricity inventions) Computing E-Safety - see e-safety plan PSHE - Working together - communication and participation (CAM 5A) RE - What do religions say to do when life gets hard?</p>	<p style="text-align: center;">The Anglo-Saxons</p> <p>Aging and Puberty Unit 5.5 Human Development The Anglo-Saxons and the Scots Geography - settlements (to include types of settlements and land use) DT - Shelters Computing E-Safety - see e-safety plan PSHE- Growing and changing / personal hygiene (CAM 5I/5J)</p>
Literacy	Biography / autobiographies - Equiano	Explanation texts - link to electricity	Myths and legends

units	Persuasive writing Poetry Play scripts - Oliver Twist	Non-chronological reports - link to rainforests Persuasive writing - letters Stories from other cultures	Discussion texts Poetry
Key Texts	The Highwayman Sweet Clara and the Freedom Quilt Power of Reading texts: Jemmy Button (link to civilisation and natives)	Power of Reading texts The Kapok Tree The City of Ember (Graphic Novel)	Power of Reading texts: Floodland (link to water) The Tales of King Arthur
Music and P.E.	Music - County Music Service (Tuesdays) PE - Onside coaches (Friday afternoons PPA)	Music - County Music Service Tuesdays PE - Onside coaches (Friday afternoons PPA)	Music - County Music Service Tuesdays PE - Onside coaches (Friday afternoons PPA)
Suggested Immersion Activities	Warwick castle - Crime and Punishment session Finger print analysis / Chromatography - Visit from PCSO Crime scene investigations	Botanical gardens (Birmingham/Oxford) Jephson gardens (Leam)	Jelly and ice cream tea party (states of matter) River Leam - Kayaking Heritage Education Anglo Saxon Day School nurse - puberty sessions

Third Year

Lighthorne Heath Primary School

Year 4, 5 and 6 long term plan for 2019/20

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Please note:

- Art & Design and DT topics are suggestions only and teachers should refer to the Arts Progression of Skills document and the National Curriculum to ensure there is good coverage of topics throughout the year.
- PSHE topics are taken from the Cambridge Scheme or SEAL.
- Music will be taught by County Music Service this year and they will provide the long term planning.
- PE will be taught by Onside Coaches who will provide the long term planning.

	Autumn Term	Spring Term	Summer Term
1 st half	<h2 style="margin: 0;">The Earth and Space</h2> <p>Working Scientifically Earth and Space History - Mae Jemison and the history of space exploration Geography - time zones (including day and night, prime/Greenwich meridian) DT - Moving planets Art - Printing E-Safety - see e-safety plan</p>	<h2 style="margin: 0;">Ancient Egypt</h2> <p>Working Scientifically Life cycles and reproduction Revision for Year 6 - filling the gaps Ancient Egypt Habitats (compare desert in Egypt with UK, environmental influences, distribution of natural resources e.g. on Nile) DT - Containers (canopic jars) Art - Hieroglyphics E-Safety - see e-safety plan</p>	<h2 style="margin: 0;">The Tudors</h2> <p>Working Scientifically Sound The Tudors Art - Portraits DT - Musical instruments E-Safety - see e-safety plan</p>
2 nd half	<h2 style="margin: 0;">Natural disasters</h2> <p>Working Scientifically Microorganisms (Spread of disease) Geography - Natural disasters (Volcanoes and Earthquakes) Art - Sculpture Programming E-Safety - see e-safety plan</p>		<h2 style="margin: 0;">Keeping Healthy</h2> <p>Working Scientifically Keeping healthy (Nutrition, impact of diet, exercise, drugs and lifestyle on body function) Politics (through the ages) DT - Cooking and nutrition (Healthy snacks) Art - Still Life (e.g. based around food - Cezanne) E-Safety - see e-safety plan</p>
Literacy units			
Key Texts			

Music and P.E.			
Suggested Immersion Activities			

First Year
Lighthorne Heath Primary School
Year 4, 5 and 6 long term plan for 2017/18

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1 st half	<p style="text-align: center;">The Victorians</p> <p>Working Scientifically Properties and Changes of Materials: (separating, dissolving, uses, reversible and irreversible changes) The Victorians: (local study) Pattern, Texture and Printing (link with William Morris) RE-New Curriculum The Taking Care Project Programming Design: Use programming to create an activity for younger children Instruct: Create a step by step guide to help someone experience a programming activity</p>	<p style="text-align: center;">Early Islamic Civilisation</p> <p>Working Scientifically Digestion, Teeth and Food Chains Revision for Year 6 - filling the gaps Non - European society - Early Islamic Civilisation - Benin Non - European society - Early Islamic Civilisation - Benin (To include: Maps, economic activity including trade links, natural resources including energy) Textiles and Clothing Islamic art and pattern</p>	<p style="text-align: center;">Mountains</p> <p>Working Scientifically Light Mountains - The alps (human and physical geography, compare to UK mountains and our local area, look at changes over time, maps including ordnance survey maps, compass, grid references, map symbols) Design and make a periscope RE - New Curriculum PSHE - Networks: computers and networks, LGFL Collaborate: online collaboration (discussions,</p>

	Lego we-do, mindstorms, textease turtle E-Safety - see e-safety plan	Cooking and Nutrition - African cuisine RE - New Curriculum PSHE - Anti bullying and discrimination (link to black history and racism) Data Handling: Searching and interrogating databases, 2 investigate, textease database, j2E webforms Model: spreadsheet modelling, excel Broadcast: Make and create a news broadcast, podium software, audio network, Imovie, garage band, I can present E-Safety - see e-safety plan	blogs, wikis, shared writing) WL365, purple mash, 2write, J2E E-Safety - see e-safety plan
2 nd half	<h1>World wars</h1> Working Scientifically Forces (including gravity, air resistance, water resistance, friction, mechanisms that allow a smaller force to have a greater effect - levers, pulleys, gears) World War I and II (including comparing similarities and differences between time periods, time lines, using a range of sources, local history links) DT - Using mechanical systems (e.g. gears, pulleys, cams, levers and linkages) RE- New curriculum Programming Systems: Control a more complex physical/simulated system with inputs and outputs Create: Create an app/game/activity Lego we-do, mindstorms, textease turtle E-Safety - see e-safety plan		<h1>Ancient Greece</h1> Working Scientifically The Circulatory System Ancient Greece Greece - map skills, comparing a European Architecture and sculpture RE - New Curriculum Evaluate: making sense of online content, evaluating websites, assessing reliability and validity of online content, Hoax websites, online evaluation forms, Alan November E-Safety - see e-safety plan
Music and P.E.	Music TBC Net/wall games Gymnastics Swimming	Music TBC Gymnastics and dance Invasion games	Music TBC Athletics and invasion games Outdoor and adventurous activities Striking and fielding games
Key Texts	Class book(RFP) - The Hound of the Baskervilles (1 st Half term) Goodnight Mr Tom (2 nd Half term)	Class book(RFP)- The Baboons that went this way and that.	Class book(RFP)- The Mountain of Adventures (1 st Half Term) Who Let the Gods Out? (2 nd Half Term)
Literacy units	Stories by significant authors Writing to entertain - Stories, Descriptions, Characters/settings, Narrative - 1 st half term Stay Where you are and then Leave (CLPE planning) - Writing from experience, Diary writing/writing in role, letter and telegram writing, advisory writing, Propaganda posters, Recipes, Role play, Debate and argument writing, Character profiles, poetry, autobiography. - 2 nd Half Term - Link to WW	The Princesses Blankets (CLPE planning) - Poetry, letter writing, Journalistic Writing (newspaper report, commentary/explanations) Hot Like Fire (CLPE planning)- Poetry, Colloquialism/spoken language Vs written language, imagery and figurative language, play scripts, role play, performance, vocabulary to clarify meaning Playscripts/film narrative Non chronological reports - Following trip to PittRivers- Benin	Traditional tales/myths and legends The Adventures of Achilles (CLPE planning) Persuasive writing- Advertising, Letter, Speech, Campaign Writing to discuss - Balanced argument, Newspaper article, Review

Suggested Immersion Activities	Guarderobe visit to Lighthorne? Back to back housing- Birmingham Leamington Spa- Housing, pump rooms, Jephson Gardens (Queen Vic Statue) Nurse visit for yr 6- wellbeing 2.11	Visit: The Pitt Rivers museum Benin workshop Residential: Marle Hall (y6) and Kip on a ship (y5)	Visit:, Oxford, visit from the Opera Residential: Stratford (y4)
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