

Long Term Curriculum Planning - School Year 2017 - 2018

Class: 4

Year Groups: 4,5 & 6

Teacher: Mrs Bryson

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Word Reading – NC Appendix 1 (NC p43) Spelling – (NC Appendix 1) Comprehension – Texts include: wide range of fiction (including fairy stories and myths and legends), poetry, plays, nonfiction texts and reference books / text books and dictionaries (NC p43) Writing focusing on audience, purpose and form (NC p48) Grammar, Punctuation – NC Appendix 2 Spoken language- 12 Statutory statements (NC p17)					
Possible Texts	Biographies and autobiographies Essential books: <i>Boy and Going Solo</i> by Roald Dahl <i>Singing for Mrs Pettigrew/Homecoming</i> by Michael Morpurgo <i>Various biographies</i> of two authors	Historical Stories Essential books: <i>WarHorse</i> by Michael Morpurgo, <i>War Game</i> by Michael Foreman, <i>In Flanders Fields</i> by Jorgensen & Harrison-Lever <i>One Boy's War</i> by Huggins-Cooper & Benfold Haywood	Genre fiction-science fiction Essential books: <i>Tales from Outer Suburbia</i> by Shaun Tan	Tales from other cultures Essential books: <i>Sinbad the Sailor</i> retold by Marcia Williams <i>The Seven Voyages of Sinbad the Sailor</i> by J. Yeoman <i>Tales from Nasreddin Hodja</i> by Cengiz Demir	Stories with flashbacks Essential books: <i>Varjak Paw</i> by SF Said	Modern classic fiction Essential books: <i>The Eighteenth Emergency</i> by Betsy Byers
	Instructions and Explanations Essential books: <i>Sue Palmer's Books of Instructions and Explanations</i>	Persuasive writing Essential books: <i>The Tin Forest</i> by Helen Wood & Wayne Anderson <i>Dinosaurs and all that Rubbish</i> by Michael Foreman <i>Eco-Wolf and the Three Pigs</i> by Laurence Anholt	Recounts Essential books: <i>UFOs and Aliens: Investigating Extraterrestrial Visitors – Extreme!</i> by Paul Mason <i>UFO Diary</i> by Satoshi Kitamura	Reports and Journalistic Writing Essential books: <i>Tuesday</i> by David Wiesner	Chronological reports Essential books: <i>When Jessie Came Across the Sea</i> by Amy Hest <i>Mr George Baker</i> by Amy Hest	Information texts Essential books: <i>The First Drawing</i> by M Gerstein <i>Stone Age Boy</i> by S Kitamura <i>The Secrets of Stonehenge</i> by M Manning
	Choral or performance poems Essential books: <i>The Works</i> chosen by Paul Cookson <i>Revolt Rhymes</i> by Roald Dahl <i>Read Me 1</i> chosen by Gaby Morgan <i>Plum</i> by Tony Mitton	Slam Poetry Essential books: <i>You wait till I'm older than you</i> by Michael Rosen <i>The Works and Read Me</i> collections <i>A variety of poems provided</i>	Free form poetry A variety of poems	Classic poems Essential books: <i>Classic Poems for Children</i> compiled by Nicola Baxter	Poet study: Emily Dickinson Essential books: <i>A variety of poems</i>	Dialogue poems Essential books: <i>A variety of poems</i>

Maths	Number and Place Value, Addition and Subtraction, Multiplication and Division, Fractions (decimals and percentages), Measures, Geometry: properties of shape, Geometry: position, direction and motion, Statistics		
Science	<p>How can you light up your life?</p> <p>LIGHT</p> <ul style="list-style-type: none"> • How light travels • The eye • Shadows <p>What would a journey through your body be like?</p> <p>ANIMALS, including Humans</p> <ul style="list-style-type: none"> • Circulatory system • Heart, blood vessels • Diet, exercise and drugs • Transport of nutrients through the body 	<p>Will we ever send another human to the moon?</p> <p>Earth and space</p> <ul style="list-style-type: none"> • Earth relative to the Sun • Moon relative to the Earth • Relationship between Sun, Earth and Moon • Earth's rotation • Day and night 	<p>Could you be the next CSI investigator?</p> <p>Properties & changes of materials</p> <ul style="list-style-type: none"> • Dissolving • Evaporating • Filtering • Reversible and Irreversible changes <p>Which wild animals and plants thrive in your locality?</p> <p>LIVING THINGS and their Habitats</p> <ul style="list-style-type: none"> • Identify and name a variety of living things (plants and animals) in the local and wider environment and group them • Recognise that environments can change and can pose dangers
Art	<p>Drawing / Sketch Books</p> <ul style="list-style-type: none"> • Drawing portraits • Drawing the heart/eye • Sculpting the heart from clay <p>3D</p> <ul style="list-style-type: none"> • Felt phone cases 	<p>Painting</p> <ul style="list-style-type: none"> • Listening to and creating the planets • Create the different moods of the planets with paint <p>Printing</p> <ul style="list-style-type: none"> • Planets and the solar system • Link to clothes ? 	<p>Knowledge</p> <ul style="list-style-type: none"> • Andy Goldsworthy <p>Collage</p> <ul style="list-style-type: none"> • Natural collage inspired by Goldsworthy <p>Use of IT</p> <ul style="list-style-type: none"> • Manipulation of photos of the natural world
Design Technology	<p>Electrical and mechanical components (Torches?)</p> <p>Textiles (Phone Cases)</p>	Cooking and nutrition	<p>Stiff and flexible sheet materials</p> <ul style="list-style-type: none"> • Design a bug house/bug hotel <p>Mouldable materials</p>
History	<p>Why should gunpowder, treason and plot never be forgotten?</p> <p>A Study of an aspect or theme in British history, beyond 1066</p>		<p>Who were the Mayans and what have we learnt from them?</p> <p>A non-European society</p> <ul style="list-style-type: none"> • Mayan Civilization

Geography	Why is the Wear so important to Durham? River Study and City locations <ul style="list-style-type: none"> • Settlements, land use, economic activity, including natural resources, especially water supplies 		I'm a Year 6 pupil; can you get me out of here? <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; border-bottom: 1px solid black;">Human</td> <td style="width: 50%; text-align: center; border-bottom: 1px solid black;">Physical</td> </tr> <tr> <td style="vertical-align: top;"> The importance of raw materials such as water <ul style="list-style-type: none"> • use the eight points of a compass, four-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 and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies. </td> <td style="vertical-align: top;"> Mapping skills and fieldwork </td> </tr> </table>		Human	Physical	The importance of raw materials such as water <ul style="list-style-type: none"> • use the eight points of a compass, four-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 and record the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies. 	Mapping skills and fieldwork	Why is Brazil in the news again? or What's so special about the USA? <p>Brazil</p> <ul style="list-style-type: none"> • Trade and growing economy • Fair Trade locate the world's countries, using maps to focus on Europe and North and South America and concentrating on their environmental regions, key physical and human characteristics, countries, and major cities	
Human	Physical									
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Possible Visits	Pantomime visit River Wear Trust ?? (Geography) Visit to a Mosque (RE)		Planetarium in Castle Eden or Centre for Life		Visit to Low Barnes (Science) Centre for Life					
Music	Performing Pimlico Music Company		Composing (incl notation) Performing Pimlico Music Company		Appraising Performing Pimlico Music Company					
Computing	Computer Science - Rapid Router APP, PowerPoint Digital Literacy – Strong passwords, cyberbullying IT – Virtual Museum, IMovie, Photography		Computer Science - Scratch, Light Bot Digital Literacy – Safer Internet Day IT - Word Processing, shared presentation		Computer Science - Kodu Digital Literacy – Stereotypes, Super Digital Citizenship IT – Research and presentation, databases / spreadsheets					
RE	Judaism?? / Christianity Why do Christians call Jesus the light of the world? (Year 4)		Christianity What do we know about the Bible and why is it important to Christians? (Year 5) Why is the Last Supper so important to Christians? (Year 5)		Christianity What can we learn about Christian faith through studying the lives of northern saints? (Year 5) Why should people with religious faith care about the environment? (Year 5)					
Spanish	Lingo Tots		Lingo Tots		Lingo Tots					
PSHCE	New Beginnings	Say no to bullying (Anti bullying week) Getting on & falling out	Going for Goals	Good to be me	Relationships	Changes				
PE	Games	Dance Swimming	Gymnastics	Games	Athletics	Outdoor Adventurous Swimming				

Detailed Plans for Computing

Y4/5/6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Computer Science Algorithms, Sequencing and testing code	Rapid Router Children make own progress through RR	PowerPoint Create a presentation using timing effects with several items animated on a page – children to sequence MA Create a PPT (Website) with hot spots that hyperlink	Scratch Make a Scratch animation about a Greek battle	Light Bot Children to work through independently	Kodu Create a game – having built a virtual world.	
Digital Literacy Online Communication and E-Safety, DLG, Blogging, E-mail	Strong passwords http://www.digital-literacy.org.uk Pupils and students learn how to create secure passwords in order to protect their private information and accounts online.	What is cyberbullying? http://www.digital-literacy.org.uk Pupils and students explore how it feels to be cyberbullied, how cyberbullying is similar to or different than in-person bullying, and learn strategies for handling cyberbullying when it arises.	Safer Internet Day 2017 Tuesday, 7 February 2017 - theme of 'Be the change: Unite for a better internet'. http://www.saferinternet.org.uk/safer-internet-day/2016	Selling Stereotypes http://www.digital-literacy.org.uk Pupils and students explore how the media can play a powerful role in shaping our ideas about girls and boys. They practice identifying messages about gender roles in two online activity zones for kids.	Super Digital Citizen http://www.digital-literacy.org.uk Pupils and students explore Spider-Man's motto, "with great power comes great responsibility" through the lens of digital citizenship. They create comic strips show a digital superhero who witnesses an act of poor digital citizenship, and then helps resolve it.	
E-safety Assembly	Passwords What makes a safe password? Who is it ok to share passwords with?	Internet bullying – link to anti-bullying week	Safer Internet Day assembly – each class presenting what have learnt about Internet Safety Parents invited	Only saying nice things What to say and not to say when playing games online, chatting and sending messages	Digital citizen Being a good digital citizen	
IT Communication Publishing and collaborating	Virtual Museum PowerPoint (Use some programming techniques) Showing information that they have found about the river Wear..		Use word processing to support literacy Create a shared presentation using Google slides.		Research the USA. Choose a way to present your findings I MOVIE / PPT / Prezi	
IT Digital video Video & Animation Music / Sound	Imovie Sequence and record narration from stills to explain the function of the eye. MA record video				Create a video / PPT etc to show at the leavers assembly – the highlights of their time at school.	
IT Digital Imagery	Photography Use ipads to photograph themselves. Manipulate image using photobooth.					
IT Handling Information					Spreadsheet / database Plan a summer holiday. MA – produce graphs or tables	