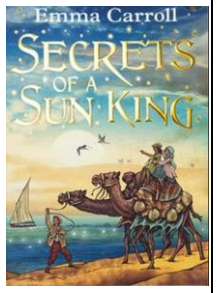
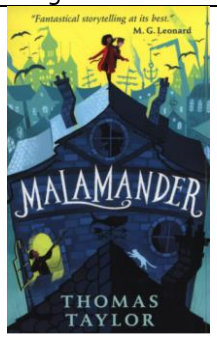
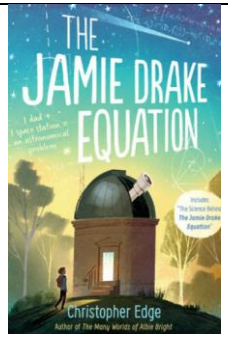
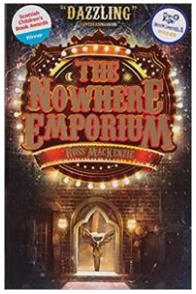
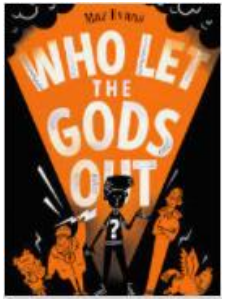
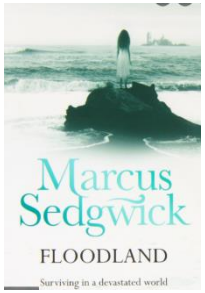
Little London Community Primary School Year 5 Curriculum Overview 2023-2024

Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Project	Ancient Egypt	Deserts	Space	Life cycles	Ancient Greece	Oceans
Project Focus	History	Geography	Science	Science	History	Geography
Breadth of project	Pharaohs, gods, rituals and early civilisations.		Space, the Solar System and gravity.	Animals, their habitats, features and reproductive cycles.	Birth of democracy, Gods and myths.	Conservation and the water cycle.
Memorable experience	Visit to the Leeds City Museum Mummification activities and investigating a tomb role plays.	Investigating the scene from a sandstorm. Tray of sand to contain clues as to who was in the story and what they were doing there.	Space Dome visit. Making a papier mache solar system	Visit to Skelton Grange to identify habitats, life cycles and food chains	Ancient Greek Workshop by the History Squad	Investigating the water cycle and how we can conserve water through a trip to Headingley Yorkshire Water treatment centre.
Core Texts						
English	Fiction – setting description based on Tutankhamen's tomb	Observational poetry- descriptions using metaphors, personification and similes on the desert.	Non-fiction – non-chronological reports on planets. Fiction – Character descriptive writing	Fiction – setting description based on class text. Non-fiction – balanced arguments; Should	Poetry- myth metaphors Fiction – writing a quest story.	Poetry- performances based on water. Fiction – based on 'The Explorer', write an opening to a book.

	Non-fiction – Diary based on an Egyptian slave	Fiction –a story about overcoming a natural disaster (sandstorm). Non-fiction – newspaper reports on the same topic.	using 'Small Step' as hook.	Animals be kept in Zoos?'	Non-fiction – Greek timeline.	Non-fiction – persuasive writing. Formal letter addressed to Prime Minister about pollution in the ocean.
Maths	**Place Value-** read and write, compare and order, partition and round numbers up to 1 million (1,000,000) **Addition and Subtraction-** Add and subtract numbers with 4 digits. Use rounding to check answers, finding missing numbers in column methods and multi-step word problems. **Multiplication and Division-** Exploring multiples, common multiples, factors, prime, square and cube numbers.	**Multiplication and Division-** Multiplying and dividing whole numbers by 10,100 and 1000. Using multiplication knowledge to times numbers with tens, hundreds and thousands. **Fractions-** finding equivalent fractions. Converting between improper fractions and mixed numbers. Comparing and ordering fractions, improper fractions and mixed numbers. Adding and subtracting fractions	**Multiplication and Division-** Multiplying 4-digit numbers by 1-digit, multiplying 4-digit numbers by 2-digit numbers working up to using long multiplication. Dividing 4-digit numbers by a one-digit number using short division including remainders. **Fractions-** Multiplying fractions by whole numbers. Linking fractions to whole numbers. Finding fractions of amounts.	**Decimals and Percentages-** Linking percentages to fractions and decimals for the first time and comparing them to a whole amount. **Perimeter and Area-** Finding the perimeter and area of rectangles and rectilinear shapes. Finding the perimeter of polygons. Estimating area. **Statistics-** Drawing, reading and interpreting tables and line graphs.	**Shape-** Classifying, estimating and measuring angles. Drawing angles accurately using a protractor. Calculating angles on a straight line and around a point. Understanding angles in regular and irregular polygons. **Position and Direction-** Reading, plotting and problem solving with coordinates. Translating shapes with coordinates.	**Decimals-** Adding and subtracting decimals with differing numbers of decimal places (e.g. 3.14 +2.742) Recognising rules within decimal sequences. Multiplying and dividing decimals by 10,100 and 1000. **Negative numbers-** Counting through zero using negative numbers, comparing and ordering negative numbers and finding the difference between both negative and positive numbers. **Converting units-** Converting from metres-kilometres/

		(including mixed numbers)	**Decimals and Percentages-** Comparing tenths and hundredths to fractions, recognising thousandths. Ordering, comparing and rounding decimals to any decimal place.	Reading timetables and deducing time differences between them.	Using lines of symmetry and reflecting shapes over a vertical or horizontal line. **Decimals**	grams-kilograms/ millimetres-metres/ millilitres- litres. Understanding the value of fractions when used to describe km or kg (e.g. ¼ kg = 250g) Converting between metric and imperial units (inches, pints and pounds) A recap of converting units of time from seconds to minutes as well as months to years. **Volume-** An introduction to cubic metres. Comparing and estimating volumes and capacities.
Science	Properties and changes in materials	Forces	Space	Animals, including humans All living things and their habitats	Animals, including humans	Marvellous mixtures and Materials
History	Ancient Egypt civilization		*Significant Individuals stand-		Ancient Greece	

			alone lesson (not unit)			
Geography		**Deserts** - Having investigated hot desert biomes and learnt about the physical features of a desert, children are able to consider humans interact with this environment and the threats facing deserts, with a focus on comparison of the local area to the Mojave desert.				**Oceans** - after exploring the importance of our oceans and how they have changed over time with a focus on the Great Barrier Reef, children plan, conduct and evaluate fieldwork in marine environment, specifically addressing climate change and pollution.
Design and Technology	Mechanisms: Make a moving toy.		Food Technology: Plan and make soup for an astronaut		Textiles: Creating a belt for an Ancient Greek	
Art		Painting and mixed media: portraits		Drawing: I Need Space		Sculpture and 3D: interactive installation
Music	Our Community	Keeping Healthy	Solar System	Life Cycles	At the Movies	Celebrations
Computing	Internet safety	Coding	3D modelling			
PE	Dance Basketball	Dance Football	Fitness Cricket	Gymnastics Tennis	OAA Tag Rugby	Athletics Hockey

RE	Why are some places and journeys special?		What values are shown in codes for living?	Should we forgive others?	What do we understand about the word 'covenant'?	
PSHE	What makes up a person's identity?	What decisions can people make with money?	How can friends communicate safely?	How can we help in an accident or emergency?	How can drugs common to everyday life affect health?	What jobs would we like?
French	Bon appetit	Je suis le musicien	Les Planetes	Le retour du printemps	Scene de plage	En route pour l'ecole