

Year 5 Curriculum Overview 2024-25

Year 5	Autumn 1 8 weeks inc 3 TD's	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 6 weeks inc 1 TD	Summer 1 5 weeks inc 2 BH's	Summer 2 7 weeks and 2 days inc 1 TD
Project	Ancient Egypt	Deserts	Space	Life Cycles	Ancient Greece	Oceans
Breadth of project	Pharaohs, gods, rituals and early civilisations.	Physical features, human features, biomes, how humans use deserts, what threats deserts face.	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 experiences	Visit Leeds City Museum	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.	Planetarium	Local visit to study life cycles	Ancient Greek workshop - History Squad	Beach trip - Fieldwork Yorkshire Water visitor

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<p>Core Texts and non-fiction focuses</p>	<p>Non fiction on Egyptians</p> <p>Poem</p> 	<p>Non fiction on deserts</p>  <p>Two weeks forensic reading - Once</p>	<p>Non fiction on space</p> <p>Poem</p> 	<p>Non Fiction on life cycles.</p> <p>Fiction - The Nowhere Emporium - setting description</p>  <p>Two weeks forensic reading - His Dark Materials</p>	<p>Non fiction on Ancient Greeks</p> <p>Poem</p> 	<p>Non fiction on Oceans</p>  <p>Two weeks forensic reading - The Highway Man</p>
<p>Writing including hooks</p>	<p>Hook - Tutankhamun's tomb Fiction – setting description based on Tutankhamen's tomb.</p>	<p>Observational poetry- descriptions using metaphors, personification and similes on the desert.</p> <p>Hook - Investigating the scene from a sandstorm.</p>	<p>Hook - Planetarium</p> <p>Non-fiction – non-chronological reports on planets.</p> <p>Hook - "One Small Step Video</p>	<p>Hook - Drama activity where we create a life sized magical door to the Nowhere Emporium and the children will walk through and imagine what they</p>	<p>Poetry- myth metaphors</p> <p>Hook - Greek Workshop/designing their own mythical creatures.</p> <p>Fiction- myth – writing a quest story.</p>	<p>Poetry- performances based on water.</p> <p>Hook - Creating a water cycle in a bag.</p> <p>Non-fiction – persuasive writing. Formal letter</p>

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	<p>Hook - visit to Leeds City Museum for life of an Egyptian pharaoh workshop Non-fiction – Diary based on an Egyptian slave</p>	<p>Tray of sand to contain clues as to who was in the story and what they were doing there. Fiction – a story about overcoming a natural disaster (sandstorm).</p> <p>Drama hook acting out elements from sandstorm disaster Non-fiction – newspaper reports on the same topic.</p>	<p>Fiction – Character descriptive writing using ‘Small Step’ as hook.</p>	<p>might find on the other side. Fiction – setting description based on The Nowhere Emporium.</p> <p>Hook - Conscience alley drama activity after fact gathering lesson Non-fiction – balanced arguments; Should Animals be kept in Zoos?’</p>	<p>Hook - treasure hunt to fact find and create short freeze frames/sketches Non-fiction – Greek timeline.</p>	<p>Hook - Amazon jungle drama activity: walk through/ soundscape</p> <p>Fiction – based on ‘The Explorer’, write an opening to a book.</p>
<p>Maths</p>	<p>Place Value- read and write, compare and order, partition and round numbers up to 1 million (1,000,000)</p> <p>Addition and Subtraction- Add and subtract numbers with 4 digits.</p>	<p>Multiplication and Division- Multiplying and dividing whole numbers by 10,100 and 1000.</p> <p>Using multiplication knowledge to times numbers with tens, hundreds and thousands.</p> <p>Fractions- finding equivalent fractions.</p>	<p>Multiplication and Division- Multiplying 4-digit numbers by 1-digit, multiplying 4-digit numbers by 2-digit numbers working up to using long multiplication.</p> <p>Dividing 4-digit numbers by a one-digit number using short division</p>	<p>Decimals and Percentages- Linking percentages to fractions and decimals for the first time and comparing them to a whole amount.</p> <p>Perimeter and Area- Finding the perimeter and area of rectangles and rectilinear shapes.</p>	<p>Shape- Classifying, estimating and measuring angles.</p> <p>Drawing angles accurately using a protractor.</p> <p>Calculating angles on a straight line and around a point.</p>	<p>Decimals- Adding and subtracting decimals with differing numbers of decimal places (e.g. 3.14 +2.742)</p> <p>Recognising rules within decimal sequences.</p> <p>Multiplying and dividing decimals by 10,100 and 1000.</p>

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	<p>Use rounding to check answers, finding missing numbers in column methods and multi-step word problems.</p> <p>Multiplication and Division- Exploring multiples, common multiples, factors, prime, square and cube numbers.</p>	<p>Converting between improper fractions and mixed numbers.</p> <p>Comparing and ordering fractions, improper fractions and mixed numbers.</p> <p>Adding and subtracting fractions (including mixed numbers)</p>	<p>including remainders.</p> <p>Fractions- Multiplying fractions by whole numbers.</p> <p>Linking fractions to whole numbers.</p> <p>Finding fractions of amounts.</p> <p>Decimals and Percentages- Comparing tenths and hundredths to fractions, recognising thousandths.</p> <p>Ordering, comparing and rounding decimals to any decimal place.</p>	<p>Finding the perimeter of polygons.</p> <p>Estimating area.</p> <p>Statistics- Drawing, reading and interpreting tables and line graphs.</p> <p>Reading timetables and deducing time differences between them.</p>	<p>Understanding angles in regular and irregular polygons.</p> <p>Position and Direction- Reading, plotting and problem solving with coordinates.</p> <p>Translating shapes with coordinates.</p> <p>Using lines of symmetry and reflecting shapes over a vertical or horizontal line.</p>	<p>Negative numbers- Counting through zero using negative numbers, comparing and ordering negative numbers and finding the difference between both negative and positive numbers.</p> <p>Converting units- Converting from metres-kilometres/ grams-kilograms/ millimetres-metres/ millilitres- litres.</p> <p>Understanding the value of fractions when used to describe km or kg (e.g. $\frac{1}{4}$ kg = 250g)</p> <p>Converting between metric and imperial units (inches, pints and pounds)</p>
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Science	Properties and changes in materials	Forces	Space	Animals, including humans Life cycles	Animals, including humans Reproduction of plants and animals	Marvellous mixtures and Materials
History	Ancient Egypt civilization				Ancient Greece	
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		DCA UNIT - volcanology		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 environments,

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		facing deserts, with a focus on comparison of the local area to the Mojave desert.				specifically addressing climate change and pollution.
Art and Design		Painting and mixed media: portraits		Drawing: I Need Space		Sculpture and 3D: interactive installation - Art Gallery Trip
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	
Music	Our community - performance 'Jerusalem'	At the Movies- performance 'Spacedust'	Solar System - performance 'Footprints on the moon'	Life Cycles - performance 'Deadline voices'	Celebrations - performance 'Celebrate'	Keeping Healthy - performance 'Learn to swim'
Computing	Internet safety	Coding	3D modelling		Databases	
PE	Dance Basketball	Football Fitness	Cricket Gymnastics	Tennis Gymnastics	Tag Rugby OAA	Athletics Volleyball
RE	Why are some places and journeys special?	Should we forgive others?	What values are shown in codes for living?			What do we understand about the word 'covenant'?

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PSHE	What makes up a person's identity?	What decisions can people make with money?	How can we help in an accident or emergency?	How can friends communicate safely?	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'école
Mandarin	Mandarin specialist to teach weekly					