

Year 5 CES Long Term Planning 2019-2020

Term 1

Week	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7
Date	1.9.18	8.9.18	15.9.18	22.9.18	29.9.18	6.10.18	13.10.18	20.10.18	27.10.18	03.11.18	10.11.18	17.11.18	24.11.18	1.12.18	08.12.18
Days	3	5	5	5	5	3	4	5	5	5	5	5	5	5	5
Theme	Meet the Greeks Ancient Greece							The Great War World War One							
English	<p>Narrative - Greek Myths (5 weeks)</p> <ul style="list-style-type: none"> Character and settings descriptions Greek Myth <p>Texts</p> <ul style="list-style-type: none"> Orchard book of Greek Myths – Geraldine McCaughrean <p>Additional</p> <ul style="list-style-type: none"> Greek Myths - Marcia Williams Iliad and the Odyssey - - Marcia Williams Percy Jackson and the Greek Heroes – Rick Riordan Tales of the Greek Heroes – Roger Lancelyn Green 					<p>Poetry with structure (1week)</p> <p>Texts</p> <ul style="list-style-type: none"> Groovy Greek Heroes Raps/ Great Greek Myth Raps – Tony Mitton 		<p>Informal letters (3 weeks)</p> <p>Diary writing (3 weeks)</p> <p>Texts</p> <ul style="list-style-type: none"> Main – In the Line of Fire – Michael Morpurgo and Dear Jelly Additional War Game - Michael Foreman (Book and Film version) https://www.youtube.com/watch?v=jIW8DxwNmZ0 The Christmas Truce Literacy Shed https://www.youtube.com/watch?v=jIW8DxwNmZ0 							
Topic	<p>History</p> <ul style="list-style-type: none"> Location of Ancient Greece and its empire Greek gods and goddesses Daily Life in Ancient Greece 					<p>Government and Democracy</p> <ul style="list-style-type: none"> What the Greeks left behind Greek dress up day 		<p>History</p> <ul style="list-style-type: none"> The key events that triggered the start of the First World War Life in the trenches What life was like for men, women and animals that served on the battlefields during the First World War 							

	<p>Text types:</p> <ul style="list-style-type: none"> Information texts Instructions 	<ul style="list-style-type: none"> About key events during the first world war such as 'The Christmas Truce'. How the war ended and the impact of the Treaty of Versailles <p>Text types:</p> <ul style="list-style-type: none"> Newspaper Reports Information texts
Science	<p>Evolution and Inheritance + Animals including humans</p> <ul style="list-style-type: none"> Inherited characteristics Advantageous adaptations Evolution and Darwin (link to Ancient Greek philosopher Anaximander who had a theory of evolution) Fossil Record Human evolution Human Life cycle 	<p>Forces (6 weeks)</p> <ul style="list-style-type: none"> Gravity Friction Air and Water Resistance Levers and Pulleys Gears
Computing	E-safety	Microsoft PowerPoint
PSHE/ citizenship	Motivated	Open Minded
Art/DT	<p>Art – Greek Vases</p> <p>Drawing skills – Sketchbooks</p>	<p>Silhouette Art (Charcoal)/Poppy Art Sketching and Painting Remembrance Day (Nov 11th Display)</p> <p>Michael Morpurgo Poppy Field</p> <p>DT – World War One stretchers (linked to History)</p>
Maths	<p>6 weeks</p> <p>Place Value (1 week)</p> <p>Numbers to 10 000 /100 000 (read, write, order, compare)</p> <p>Round numbers to the nearest 10, 100, 1000, 10 000</p>	<p>6 weeks</p> <p>Place Value (1 week)</p> <p>Numbers to 1 000 000 (read, write, order, compare)</p> <p>Round numbers to the nearest 10, 100, 1000, 10 000, 100 000</p>

<p>Count forwards and backwards in powers of 10</p> <p>Roman Numerals to 100</p> <p>Negative numbers</p> <p><u>Addition & Subtraction (1 week)</u></p> <p>Add and subtract whole numbers with more than 4-digits column</p> <p>Rounding to estimate and approximate</p> <p><u>Multiplication & Division (2 weeks)</u></p> <p>Multiples, Factors, Common Factors</p> <p>Prime, Squares, Cubes</p> <p>Multiplying by 10, 100, 1000, dividing by 10, 100, 1000</p> <p><u>Statistics (1 week)</u></p> <p>Read and interpret information in tables</p> <p>Read and interpret information in bar graphs and comparative bar graphs</p> <p>Read and interpret information in line graphs</p> <p><u>Measures (1 week)</u></p> <p>Perimeter of rectangles</p> <p>Measuring perimeter</p> <p>Perimeter of rectilinear shapes</p> <p>Draw perimeter</p>	<p>Count forwards and backwards in powers of 10</p> <p>Roman Numerals to 1000</p> <p><u>Addition and Subtraction (1 week)</u></p> <p>Add and subtract mentally 4 digit numbers up to 2 decimal places, multi-step problems</p> <p><u>Multiplication and division (1 week)</u></p> <p>Short multiplication 4 digits by 1-digit</p> <p>Long multiplication 2 digits by 2 digits</p> <p>Short division 4 digits by 1-digit, short division with remainders</p> <p><u>Fractions (1 week)</u></p> <p>Equivalent fractions</p> <p>Improper to mixed</p> <p>Mixed to improper</p> <p>Add and subtract fractions with the same denominator</p> <p>Compare and order fractions</p> <p><u>Measures (1 week)</u></p> <p>Area of rectangles and rectilinear shapes</p> <p>Measuring area</p> <p>Area of irregular shapes</p> <p>Draw area</p> <p>Properties of triangles and quadrilaterals</p> <p><u>Statistics (1 week)</u></p>
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		<p>Read and interpret line graphs</p> <p>Draw line graphs</p> <p>Use line graphs to solve problems</p>
Trips	<ul style="list-style-type: none"> • Lunch at a Greek restaurant – ‘Street Greek’ – Waterway, New Cairo • Visit to the Greco-Roman museum Alexandria • Lulu’s kitchen – cook a Greek meal 	<ul style="list-style-type: none"> • Military Museum of Cairo – Saladin Citadel

Term 2

Week	1	2	3	4	5	6	7	8	1	2	3	4	5	6
Date	5.1.20	12.1.20	19.1.20	26.1.20	2.2.20	9.2.20	16.2.20	23.2.20	1.3.20	8.3.20	15.3.20	22.3.20	29.4.19	5.4.20
Days	2	5	5	5	5	4	5	2	5	5	5	5	5	5
Theme	Journey into Space								Everyone Counts and Everything Matters					
English	<p>Biographies (3 weeks)</p> <ul style="list-style-type: none"> • Tim Peake, Neil Armstrong, Akram Amin (Egypt’s First NASA Astronaut) • Persuasive writing (leaflets and holiday brochures) (3 weeks) • Travel into Space on Virgin Galactic <p>Main text: None</p> <p>Additional texts</p> <ul style="list-style-type: none"> • Cosmic 								<p>Little Freak Film Unit</p> <p>https://www.literacyshed.com/the-thinking-shed.html</p> <p>https://www.youtube.com/watch?v=INHVxA-rM48</p> <ul style="list-style-type: none"> • Narrative: Settings descriptions/monologues (2 weeks) • Discussion texts (2 weeks) • Poetry Haiku/Limericks (1 week) • Diary entry (1 week) <p>Text: Cloud Busting Malorie Blackman</p>					
Topic	<p>History</p> <p>Space Race to current day</p> <ul style="list-style-type: none"> • Timeline of space exploration between 1940 and 1970 • How and where telescopes were invented and how they work • The Space Race between the USA and the USSR • The Landing on the Moon (Neil Armstrong) <p>Text Types:</p> <ul style="list-style-type: none"> • Explanation texts • Information texts 								<p>Geography</p> <p>Enough for everyone</p> <ul style="list-style-type: none"> • What do we need to survive? • Water and Air pollution in Egypt – compare with rest of the world • Water usage in Egypt compared to the UK and the world • Where does our food and water come from? (River Nile) • Is there enough for everyone? (water and food shortage in Egypt) • Ethiopia & Sudan/Growing population • Where does our power come from? Aswan dam/ oil & gas <p>Text Types</p>					

		<ul style="list-style-type: none"> • Information texts • Informal language: Tweets
Science	Earth and Space <ul style="list-style-type: none"> • The Solar System • Earth/Sun/Moon • Planets • Night/Day • Moon phases 	Properties and changes of materials <ul style="list-style-type: none"> • Dissolving • Separating mixtures • Irreversible reactions • Heating and cooling • Burning • Material properties • Properties for uses
Computing	Programming with Scratch The students will design, create, test and evaluate their own games using the Scratch software.	Introduction to HTML and skill development.
PSHE	Reflective	Kindness
Art/DT	Art <ul style="list-style-type: none"> • Artist Study: Jason Thorpe 	DT <ul style="list-style-type: none"> • Biscuits/Bread (linked to Science – reversible/irreversible)
Maths	6 weeks <u>Place Value (1 week)</u> Identify and estimate numbers on a number line Read, write order and decimals up to three decimal places, recognise and use thousandths, rounding decimals <u>Addition and subtraction (1 week)</u> Adding and subtracting decimals with and without the same number of decimal places mentally, decimal sequences, solving money problems <u>Multiplication and division (1 week)</u>	5 weeks <u>Fractions, Decimals, Percentages (2 weeks)</u> Adding and subtracting mixed numbers with or without the same denominators, with or without breaking a whole, counting on and back in mixed number steps Read and write decimals as fractions Understand percentages, write percentages as fractions and decimals, find equivalence between fractions, decimals and percentages <u>Geometry (1 week)</u>

	<p>Multiplying and dividing decimals by 10, 100, 1000, using partitioning, doubling and halving and known facts for mental multiplication and division</p> <p><u>Fractions (2weeks)</u></p> <p>Equivalent fractions where denominators are not multiples of each other</p> <p>Adding and subtracting fractions with denominators are multiples of each other using visual representations</p> <p>Multiplying proper fractions by whole numbers and solve problems involving fractions</p> <p><u>Measures (1 week)</u></p> <p>Properties of 3D shapes and 3D shapes from 2D representations</p> <p>Converting between different metric units for length and mass</p> <p><u>Geometry Position and Direction (1/2 week)</u></p> <p>Read and plot coordinates and Reflections</p>	<p>Estimating and comparing angles, measuring and drawing angles, calculating angles on a straight line and around a point</p> <p><u>Properties of shape/Position and Direction (1 week)</u></p> <p>Using properties of angles to find missing lengths and angles, plotting and reading coordinates and translations</p> <p><u>Measures (1 week)</u></p> <p>Understanding the difference between liquid volume and solid volume, calculating volume and capacity, imperial units</p>
Trips	<ul style="list-style-type: none"> • Skype call or visit with Astronomer • Science Craft 	Week Without Walls

Term 3

Week	1	2	3	4	5	6	7	8	9
Date	19.4.20	26.4.20	3.5.20	10.5.20	17.5.20	24.5.20	31.5.20	7.6.20	13.6.20
Days	3	5	5	5	5	2	5	5	4
Amazon Adventure									
English	<p>Poetry (1 week)</p> <p>Persuasive letters formal (2 weeks)</p> <p>Narrative/Play scripts (2 weeks)</p> <p>Main Text: The Explorer Katherine Rundell</p> <p>Additional texts</p> <ul style="list-style-type: none"> • River Story: Meredith Hooper • A River: Marc Martin • Journey to the River Sea: Eva Ibbotson 								
Topic	<p>Countries and capitals of South America</p> <ul style="list-style-type: none"> • Major lines of latitude and longitude • Which countries do the Amazon River flow through • Follow the Amazon River from the Source to its mouth (Comparison Amazon River to the River Nile) • Identify rainforests as one of the biomes of the world and discuss the climate and vegetation of the rainforest • Human geography of Brazil – population, tourist attractions, culture <p>Text types</p> <ul style="list-style-type: none"> • Information texts • Explanation text – how are rivers formed 								
Science	<p>Lifecycles Y5 and Y6 units</p> <ul style="list-style-type: none"> • Parts of the flower • Sexual/Asexual reproduction in plants 								

	<ul style="list-style-type: none"> • Animal reproduction – comparing gestation periods • Naturalists • Classification system for grouping plants • Classification system for grouping animals • Microorganisms
Computing	<p>Interactive Art Exhibition Project</p> <p>In this project the students will be introduced to Augmented Reality (AR), a technology that superimposes a computer-generated image or video on a user's view of the real world using the app Aurasma. The students will also will also learn to find images using the web and refine their research skills as they explore various works of art. Then they will be introduced to filming and editing as they make short videos based on their research findings, these video will then be linked via AR to printed copies of their artwork to bring them to life and tell a story.</p>
PSHE	Tolerance/Empathy
Art/DT	<p>Art – Painting</p> <ul style="list-style-type: none"> • Landscapes/ Plants/ River Art <p>DT</p> <ul style="list-style-type: none"> • Carnival masks
Maths	<p>6 weeks</p> <ul style="list-style-type: none"> • Greater depth and consolidation • Place Value / Addition and Subtraction (1 week) • Multiplication and Division (1 week) • Fractions, decimals, percentages (1 week) • Measures (1 week) • Geometry (Shapes, Position and Direction) 1 week • Statistics (1 week)
Trips	<ul style="list-style-type: none"> • River Nile Cruise • Art Cafe