



Clockhouse Primary School
Year 3 Curriculum Overview



TERM	AUTUMN TERM		SPRING TERM		SUMMER TERM	
THEME	Stone Age to Iron Age –		Volcanoes and Earthquakes		The Ancient Greeks	
QUESTION / SCENARIO	<i>Who are our ancestors?</i>		<i>What on Earth is going on?</i>		<i>What did the Ancient Greeks do for us?</i>	
STUNNING STARTER	Den building		Dinosaur bones on the field- Visit from a journalist to explain how to write articles		Groovy Greek Day	
MARVELLOUS MIDDLE	Trip to Barleylands- Stone Age experience		Trip to the Natural History Museum		Holding a year 3 Olympics – classes to have different events to plan organise set up before competing against each other.	
FABULOUS FINISH	Make Stone Age Stew		Children to create a functioning volcano- invite parents in to make them or for explosion		Layer Marney Tower Visit	
POSSIBLE VISITS / VISITORS	Trip to Barleylands		Visit to Natural History Museum Palaeontologist visit		Portal to the past – Ancient Greeks	
ENGLISH	<u>Core text</u> Stone Age Boy by Satoshi Kitamura	<u>Core text</u> Iron Man by Ted Hughes	<u>Core text</u> Fossil by Bill Thomsom	<u>Core text</u> The Firework Maker's Daughter by Phillip Pullman	<u>Core text</u> Leon and the Space between by Angela McAllister	<u>Core text</u> The King who Banned the Dark by Emily Haworth-Booth
	<u>Genres covered</u> Setting Description Letter Instructions	<u>Genres covered</u> Poetry Narrative Diary Entry Newspaper report opening TV News Report	<u>Genres covered</u> Narrative Poetry – Kennings	<u>Genres covered</u> Argument Character description Explanation Narrative	<u>Genres covered</u> Setting description Narrative Persuasive leaflet	<u>Genres covered</u> Non-chronological Report Diary entry Journalistic Writing
MATHS	<p>Count from 0 in multiples of 4, 8, 50 and 100</p> <p>Find 10 or 100 more or less than a given number</p> <p>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</p> <p>Compare and order numbers up to 1000</p> <p><i>Round numbers to nearest 10 or 100</i></p> <p>Identify, represent and estimate numbers using different representations</p> <p>Read and write numbers up to 1000 in numerals and in words</p> <p>Solve number problems and practical problems involving these ideas.</p> <p>Add and subtract numbers mentally, including:</p> <ul style="list-style-type: none"> * a three-digit number and ones * a three-digit number and tens * a three-digit number and hundreds <p>Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</p> <p>Estimate the answer to a calculation and use inverse operations to check answers</p> <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p> <p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</p> <p>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators</p> <p>Tell the time to the nearest 5 minutes (and nearest minute)</p>					

	<p>Number & Place value Count from 0 in multiples of 4, 8, 50 and 100 Find 10 or 100 more or less than a given number Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) Compare and order numbers up to 1000 Identify, represent and estimate numbers using different representations Read and write numbers up to 1000 in numerals and in words Solve number problems and practical problems involving these ideas. <i>Round numbers to nearest 10 or 100</i></p> <p>Addition and subtraction Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction Estimate the answer to a calculation and use inverse operations to check answers Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</p> <p>Number- fractions Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</p> <p>Measurement Measure, compare, add and subtract:); mass (kg/g);</p> <p>Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight Know the number of seconds in a minute and the number of days in each month, year and leap year Compare durations of events [for example to calculate the time taken by particular events or tasks] Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</p> <p>Problem Solving Task: Investigation Build a brick wall.</p>	<p>Multiplication and division Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.</p> <p>Measurement Measure, compare, add and subtract: lengths (m/cm/mm) Measure the perimeter of simple 2D shapes</p> <p>Geometry- properties of shape Draw 2D shapes Recognise angles as a property of shape of a description of s turn Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</p> <p>Geometry- position and direction <i>Know and use all terms relating to compass directions ('North,' 'North-East,' 'East,' 'South-East,' 'South,' 'South-West,' 'West' and 'North-West')</i> <i>Be able to move between compass directions in half and quarter turns</i></p> <p>Number- fractions Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]</p> <p>Measurement Add and subtract amounts of money to give change, using both £ and p in practical contexts</p> <p>Real life/enterprise style maths: <i>Raising money for an area in need (current or through volcano/earthquake).</i></p> <p>Problem Solving Task: Shape & measure Identifying regular and irregular polygons.</p>	<p>Number- fractions Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators Recognise and show, using diagrams, equivalent fractions with small denominators Compare and order unit fractions, and fractions with the same denominators Solve problems that involve all of the above.</p> <p>Measurement Measure, compare, add and subtract: volume/capacity (ml)</p> <p>Geometry- properties of shapes Make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</p> <p>Statistics Interpret and present data using bar charts, pictograms and tables Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.</p> <p>Problem Solving Task: Open ended Dotty squares</p>
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SCIENCE	Forces Animals including Humans		Rocks		Light Plants	
COMPUTING	Coding: Sequence and Animation Online Safety To know what cyberbullying is and how to address it.	Creating Media: Desktop Publishing Online Safety To understand how websites use advertisements to promote products.	Video Trailers Online Safety To understand how to safely send and receive emails. To create strong passwords and understand privacy settings.		Coding: Conditional Events Online Safety To understand the effects that some internet use can have on our feelings and emotional wellbeing	Computing Systems and Networks: Emailing Online Safety To explore different ways children can communicate online.
HISTORY	Stone Age to Iron age.		Volcanoes and Earthquakes Children will learn about the impact of historic disasters.		Ancient Greeks Children will learn about the ancient Greek civilisation, compare city states and learn about their belief system.	
GEOGRAPHY	Stone Age to Iron age. Children will develop their locational knowledge and map skills by looking at where evidence of Prehistoric life in Britain has been found.		Volcanoes and Earthquakes		Britain vs Greece Children will continue to develop their geographical knowledge of the British Isles as well as that of modern day Greece to make a comparison.	
ART AND DESIGN	Drawing / Painting: Key Skill: Colour mixing, proportional drawing		Drawing / Painting Painters: J. M. W. Turner, David Tress, Paul Nash and John Constable Key Skill: Landscapes		Drawing / Painting / Sculpture: Painter: Clarice Cliff Sculpture: Phidias	
DESIGN AND TECHNOLOGY	Textiles Pencil cases		Mechanisms Moving monsters		Structures Making Mini Greenhouses	
RELIGIOUS EDUCATION	2.10 What does it mean to be Hindu?	2.10 What does it mean to be Hindu?	2.1 Why is Jesus important to Christians?	2.5 Why do religious people celebrate?	2.3 How far do people express their faith through the arts?	2.8 What do religions teach about the natural world and why should we care about it?
PHYSICAL EDUCATION	<u>Autumn 1</u> Fundamentals Unit 5 Dance <u>Autumn 2</u> Ball Skills Gymnastics		<u>Spring 1</u> Invasion: Basketball Dance <u>Spring 2</u> Invasion: Hockey Science: Fitness		<u>Summer 1</u> Invasion: Football Net and Wall: Tennis <u>Summer 2</u> Athletics Striking and Fielding: Cricket .	
MUSIC	<u>Sing Up</u> Nao chariya de and Mingulay boat song (listen / sing) Christmas Songs (singing)		<u>Sing Up</u> Latin Dance - Ukulele 1 (listen / play / sing / compose)		<u>Sing Up</u> Fly with the Stars - Ukulele 2 (listen / play / sing / compose) End of Year Assembly (Singing)	

PSHE	Relationships: The New School Year; Recognising respectful behaviour; and the importance of self-respect.	Living in the Wider World: Different Jobs and Future Aspirations.	Living in the Wider World: What are the risks associated with money?	Relationships: What makes a family?	Health and Wellbeing: Risks and Hazards including safety in the local environment.	Health and Wellbeing: What affects feelings? How do we express how we feel?
	Character Education Lesson- Integrity	Character Education Lesson- Resilience	Character Education Lesson- Values	Personal Boundaries and safely responding to others. Character Education Lesson- Teamwork	Character Education Lesson- Community	Health and Wellbeing: Managing Transition and considering our personal strengths and achievements. Character Education Lesson- Self-Awareness
LIFE SKILLS	To tie shoelaces		To make a cup of tea and coffee (tepid water)		To use money to pay for something.	
PRIMARY LANGUAGES	<u>Unit 1 – Moi (All about me)</u> Languages that we speak Language portraits Names Families Numbers up to 10 How old are you?	<u>Unit 2 – Jeux et chansons (Games and songs)</u> The Farmer's in his Den Numbers 0 to 10 Clapping games Numbers to 20 Board games	<u>Unit 3 – On fait la fete (Celebrations)</u> Look at me Happy birthday Party games Come to my party Sports day	<u>Unit 4 – Portraits</u> Body parts Colours Drawing a face Monsters Guess who?	<u>Unit 5 – Les quatre amis (The four friends)</u> The four friends Animal characters Animal colours Animal chorus Animals on show	<u>Unit 6 – Ça pousse! (Growing things)</u> In the vegetable garden Jack and the beanstalk Retelling a story At the market Buying vegetables
HOME LEARNING QUESTS	<p>Design and make their favourite Stone Age home</p> <p>A stone age timeline with the important events and changes that occurred during this time</p> <p>Create a mini stone age village or Stonehenge with information they have learnt</p> <p>Create a powerpoint presentation of all the facts and information they have learnt</p>		<p>Create an information text about volcanoes</p> <p>Research the skeleton of a dinosaur and create this using a cut out of the dinosaur and cotton buds to represent the skeleton or make salt dough and create an image of the bones.</p>  <p>Create a fact file about a dinosaur and include important factual information about it</p> <p>Learn about a famous palaeontologist (Mary Anning) or about the role of a palaeontologist</p>		<p>Research the Ancient Greek Olympics and compare to the modern day Olympics.</p>  <p>Research about the Ancient Greek Olympics and design your own Olympic games based on the information you have discovered.</p> <p>Draw or create a 3D model of the Ancient Greek including facts about the life of an ancient Greek – clothes, food, jobs etc.</p> <p>Research and create a model of a famous Greek building – pantheon, coliseum.</p>	

Note where specific objectives are not referenced above, refer to the National Curriculum or related documents