

# King's Oak Primary School



## Year 4 Curriculum Plan - Academic Year 2021/2022

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<p><b>Texts:</b></p> <p>Escape from Pompeii by Christina Balit (fiction)</p> <p>Volcanoes by Emily Dodd (non-fiction)</p> <p><b>Types of Writing:</b></p> <ul style="list-style-type: none"> <li>• Recount</li> <li>• Diary entry</li> <li>• Dialogue</li> <li>• Descriptive writing</li> </ul> <p>Handwriting, phonics and dictation</p>	<p><b>Texts:</b></p> <p>The Witches by Roald Dahl (fiction)</p> <p>A Christmas Carol by Charles Dickens</p> <p><b>Types of Writing:</b></p> <ul style="list-style-type: none"> <li>• Setting</li> <li>• description</li> <li>• Character description</li> <li>• Diary Entry</li> </ul> <p>Handwriting, phonics and dictation</p>	<p><b>Texts:</b></p> <p>Street Child by Berlie Dohery (fiction)</p> <p><b>Types of writing:</b></p> <ul style="list-style-type: none"> <li>• Character description</li> <li>• Diary entries</li> <li>• Reports</li> <li>• Recount</li> </ul> <p>Handwriting, phonics and dictation</p>	<p><b>Texts:</b></p> <p>How to be a Victorian in 16 easy stages by Scoular Anderson (non-fiction)</p> <p><b>Types of writing:</b></p> <ul style="list-style-type: none"> <li>• Character description</li> <li>• Diary entries</li> <li>• Reports</li> <li>• Recount</li> </ul> <p>Handwriting, phonics and dictation</p>	<p><b>Texts:</b></p> <p>War of the Worlds adapted by Eric Brown (fiction)</p> <p>Pandora's Box by Julia Golding</p> <p><b>Types of writing:</b></p> <ul style="list-style-type: none"> <li>• Recount</li> <li>• Diary entry</li> <li>• Dialogue</li> <li>• Descriptive writing</li> </ul> <p>Handwriting, phonics and dictation</p>	<p><b>Texts:</b></p> <p>Orpheus and Eurydice in Greek Myths: 3 heroic tales by Hugh Lupton</p> <p>The Odyssey adapted by Beatrice Sampatakou</p> <p>How to be an Ancient Greek by Scoular Anderson</p> <p><b>Types of writing:</b></p> <ul style="list-style-type: none"> <li>• Recount</li> <li>• Diary entry</li> <li>• Dialogue</li> <li>• Descriptive writing</li> </ul> <p>Handwriting, phonics and dictation</p>
Guided Reading	<p><b>Escape from Pompeii by Christina Balit (fiction)</b></p> <p><b>Volcanoes by Emily Dodd (non-fiction)</b></p>	<p><b>Volcanoes by Emily Dodd (non-fiction)</b></p> <p>Retrieval, infernal,</p>	<p><b>Street Child by Berlie Dohery (fiction)</b></p> <p>Retrieval, infernal, drama, vocabulary acquisition</p>	<p><b>How to be a Victorian in 16 easy stages by Scoular Anderson (non-fiction)</b></p> <p><b>Goldilocks on CCTV</b></p>	<p><b>War or the Worlds by H.G. Wells (fiction-bridge version)</b></p> <p><b>War of the Worlds adapted by Eric Brown</b></p>	<p><b>Orpheus and Eurydice in Greek Myths: 3 heroic tales by Hugh Lupton</b></p>

	Retrieval, infernal, drama, vocabulary acquisition	drama, vocabulary acquisition		<b>by John Agard (fiction)</b>  Retrieval, infernal, drama, vocabulary acquisition	<b>Pandora's Box by Julia Golding</b>  Retrieval, infernal, drama, vocabulary acquisition	<b>The Odyssey adapted by Beatrice Sampatakou</b>  <b>How to be an Ancient Greek by Scoular Anderson</b>  Retrieval, infernal, drama, vocabulary acquisition
Maths	<p><b>Review of column addition and subtraction</b></p> <ul style="list-style-type: none"> <li>Using place value to correctly lay out calculations</li> <li>Add 3 digit numbers</li> <li>Use column addition and subtraction with regrouping</li> <li>Using the inverse operation to check calculations</li> </ul> <p><b>Numbers to 10,000</b></p> <ul style="list-style-type: none"> <li>Recognising the amount of tens, hundreds and ones 1000 is composed of</li> <li>Using different</li> </ul>	<p><b>Perimeter/area</b></p> <ul style="list-style-type: none"> <li>Measuring the perimeter of a 2-D shape</li> <li>Count in measurements</li> <li>Using addition and multiplication to calculate the perimeter</li> <li>Counting the inside of a shape to understand the area</li> </ul> <p><b>3, 6 and 9 times tables</b></p> <ul style="list-style-type: none"> <li>Recognising multiplication factors across the 3, 6 and 9 times tables</li> <li>Using knowledge of these times</li> </ul>	<p><b>7 times tables and patterns</b></p> <ul style="list-style-type: none"> <li>Representing counting in 7s as the 7 times table</li> <li>Explaining relationships</li> <li>Solve problems</li> <li>Use knowledge of divisibility to solve problems</li> </ul> <p><b>Understanding and manipulating multiplicative relationships</b></p> <ul style="list-style-type: none"> <li>What do factors represent in multiplication equations</li> <li>Multiplying and dividing by 0</li> <li>Partitioning factors</li> </ul>	<p><b>Co-ordinates</b></p> <ul style="list-style-type: none"> <li>Giving directions from on position to another on a grid</li> <li>Moving objects on a grid</li> <li>Translate polygons</li> <li>Drawing polygons specified by coordinates</li> </ul> <p><b>Review of fractions</b></p> <ul style="list-style-type: none"> <li>Identifying a whole and its parts</li> <li>Identifying the number of equal and unequal parts</li> <li>Constructing a whole when</li> </ul>	<p><b>Fractions greater than 1</b></p> <ul style="list-style-type: none"> <li>Quantities made up of both whole and fractional parts</li> <li>Compose and decomposing quantities made up of whole numbers and parts</li> <li>Comparing and ordering mixed numbers</li> <li>Solving subtraction and addition problems</li> <li>Mixed numbers and improper fractions</li> <li>Adding and subtracting mixed numbers</li> </ul>	<p><b>Time</b></p> <ul style="list-style-type: none"> <li>Read, write and convert time between analogue and digital 12 and 24 hour clocks</li> <li>Solve problems involving converting from hours to minutes, minutes to seconds, years to months and weeks to days</li> </ul> <p><b>Division with remainders</b></p> <ul style="list-style-type: none"> <li>Representing remainders in an equation</li> <li>Use knowledge of division equations and remainders to</li> </ul>

	<p>strategies to add and subtract multiples of 100</p> <ul style="list-style-type: none"> <li>• Rounding to the nearest 100 and 10</li> </ul>	<p>tables to solve problems</p> <ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Solving multiplication problems</li> </ul>	<p>given a part and the number of parts</p>	<p><b>Symmetry in 2D shapes</b></p> <ul style="list-style-type: none"> <li>• Composing and completing symmetrical shapes</li> <li>• Using a mirror to find lines of symmetry</li> <li>• Reflecting polygons in a line of symmetry</li> </ul>	<p>solve problems</p>
Science	<p><b>States of Matter</b></p> <ul style="list-style-type: none"> <li>• compare and group together materials according to whether they are solids, liquids or gases</li> <li>• explain that some materials change state when they are heated or cooled, and measure the temperature at which this happens in degrees Celsius (°C)</li> <li>• compare and give reasons, based on measurements,</li> </ul>	<p><b>Sound</b></p> <ul style="list-style-type: none"> <li>• The anatomy of the ear</li> <li>• Exploring sounds understanding they are vibrations</li> <li>• Experimenting with the volume and pitch of a sound</li> <li>• Exploring what different things make sound and how different variables can change a sound</li> </ul>	<p><b>Animals and their habitats</b></p> <ul style="list-style-type: none"> <li>• identify and name a variety of living things (plants and animals) in the local and wider environment, using classification keys to assign them to groups</li> <li>• give reasons for classifying plants and animals based on specific characteristics and how they are suited to their environment.</li> </ul>	<p><b>Animals including humans</b></p> <ul style="list-style-type: none"> <li>• identify and name the basic parts of the digestive system in humans</li> <li>• identify the simple functions of the teeth and different types of teeth in humans</li> </ul>	<p><b>Electricity</b></p> <ul style="list-style-type: none"> <li>• describe the use of electricity to power common appliances</li> <li>• construct a simple electric circuit, demonstrating that the circuit must be correctly constructed and complete in order for components to function</li> <li>• explain that some materials conduct electricity while</li> </ul>	<p><b>Animals including humans</b></p> <ul style="list-style-type: none"> <li>• describe how plants and animals, including humans, resemble their parents in many features</li> <li>• explain how the human skeleton has changed over time, since we separated from other primates, and discuss the advantages and disadvantages of being on two</li> </ul>

	<p>for changes to the state of water, using correct scientific vocabulary</p> <ul style="list-style-type: none"> <li>• identify the part played by evaporation and condensation in the water cycle.</li> </ul>				<p>others do not, using results of any comparative tests</p> <ul style="list-style-type: none"> <li>• explain about closed and open circuits, and that a switch placed anywhere in a circuit switches everything on/off.</li> </ul>	<p>feet rather than four.</p> <p>SRE</p>
Computing	<p><b>Digital Literacy &amp; Online Safety:</b></p> <ul style="list-style-type: none"> <li>• Identify what is appropriate and inappropriate behaviour.</li> <li>• recognising the term cyber bullying.</li> <li>• Agree and follow sensible online safety rules</li> </ul>	<p><b>Computer Science:</b></p> <ul style="list-style-type: none"> <li>• Give a set of instructions to follow and predict what will happen</li> <li>• Keep testing a program and recognise when it needs to be debugged.</li> <li>• Write a program putting commands into</li> </ul>	<p><b>Information Technology:</b></p> <ul style="list-style-type: none"> <li>• Create different effects with different technological tools, demonstrating control.</li> <li>• Use applications and devices in order to communicate ideas and work.</li> </ul>	<p><b>Understanding Technology:</b></p> <ul style="list-style-type: none"> <li>• Use strategies to improve results when searching online.</li> <li>• Add websites to favourites list.</li> </ul>	<p><b>Digital Literacy &amp; Online Safety:</b></p> <ul style="list-style-type: none"> <li>• Demonstrate understanding of age appropriate websites and adverts.</li> <li>• Agree and follow sensible online safety rules (Recap and adjust )</li> </ul>	<p><b>Computer Science:</b></p> <ul style="list-style-type: none"> <li>• Use one ended problem by breaking it up into smaller parts.</li> <li>• Use variables to create an effect eg repetition, if, when.</li> <li>• Talk about different ways</li> </ul>

		a sequence to achieve a specific outcome.	<ul style="list-style-type: none"> <li>● Insert a text/picture etc from the internet into a file. --Use keyboard commands to amend the text on a device.</li> <li>● Save, retrieve, evaluate and amend work.</li> </ul>		<ul style="list-style-type: none"> <li>● Reflect on their own digital footprint and behaviour online.</li> <li>● being a digital citizen</li> </ul>	<p>data can be organised</p> <ul style="list-style-type: none"> <li>● sort and organise information to use in other ways.</li> <li>● search a readymade database to answer questions.</li> </ul>
History	<b>Chronology - 79 AD eruption.</b>  <b>Pompeii - History of the eruption</b>		<b>The Victorians – Why did so many Victorian children live in poverty?</b> <ul style="list-style-type: none"> <li>● Poverty (cause and effect)</li> <li>● Migration</li> <li>● Comparison of rich and poor living conditions</li> <li>● The treatment of children and Dr Barnardo</li> <li>● Illness</li> <li>● The Life of Queen Victoria</li> </ul>	<b>The Ancient Greeks - How has Ancient Greece impacted the way we live today</b> <ul style="list-style-type: none"> <li>● Democracy vs Slavery</li> <li>● Citizenship - rights and responsibilities</li> <li>● War vs trade</li> <li>● Mythology and religion</li> <li>● Origin of Olympic games</li> </ul>		
Geography	<b>Volcanoes and Earthquakes – What happened to Pompeii and why?</b> <ul style="list-style-type: none"> <li>● Impact of Volcanic eruptions</li> <li>● Plate tectonics</li> <li>● Where volcanoes are (location knowledge)</li> <li>● Interconnection (humans vs nature)</li> </ul>		Compare and contrast Victorian world map with present – Empire vs Commonwealth		How has the map of Greece changed over time? Comparing maps of ancient and modern Greece.	
RE	<b>Christianity:</b> What is it like to follow God?	<b>Christianity:</b> What kind of world did Jesus want?	<b>Christianity:</b> For Christians, what was the impact of Pentecost?	<b>Judaism:</b> How do festivals and family life show what matters to Jewish people?	<b>Islam:</b> How do festivals and worship show what matters to Muslims? How and why do people try to make the world a better place? (across religions/non religions)	How and why do people try to make the world a better place? (across religions/non religions)

PSHE	Breathe project Being Me in My World	Celebrating difference	Dreams and Goals	Healthy Me	Relationships	Changing Me
PE	Invasion Games Fitness	Games Activities Gymnastics	Invasion games Dance	Invasion Games Team Building	Net/wall games Swimming	Striking and fielding Swimming
Music	Recorders Identifying the pulse - Don't stop Believin'	Recorders Christmas Performance	Recorders Bob Marley - Three Little Birds Writing Lyrics	Recorders Bob Marley - Three Little Birds Recording a performance	Recorders Charanga Unit	Recorders Charanga Unit
Art	Self Portraits	Extreme Earth wave paintings and volcano splatter paintings	William Morris - Symmetrical prints			Greek Pottery
DT		Making a structure: Buildings that can withstand shaking using straws and marshmallows.		Cooking: Victorian Vegetable broth Knife safety Cutting and chopping Boiling		Robots  Sewing togas
Foreign Language	French: Numbers beyond 20-50	French: Different types of weathers and temperatures	French: Names of places in a town	French: Giving Directions	French: Names of different types of clothing	French: Numbers as prices Prices of clothing