



## Orchard Park Community Primary School Long Term Planning Overview - Year 2

		Literacy	Numeracy	Science	History	Geography	
Autumn	1	Topic: What a Wonderful World	The Journey Home	Number - Place Value  Number - Addition and Subtraction	Working Scientifically  The Environment Tally chart - numbers of animals Measurement - amount of water used when washing hands with tap on/off	Place Knowledge Understand geographical similarities and differences through studying the human and physical geography of a small area of the UK, and of a small area in a contrasting non-European country  Locational Knowledge Name and locate the world's seven continents and five oceans  Skills & Fieldwork Use world maps, atlases and globes to identify the UK and its countries, as well as the other countries, continents and oceans previously studied  Animal patterns and prints in nature - shape analysis, repeating pattern and tessellation  Endangered animals - numbers presented in a graph and answer questions. Compare the numbers of endangered species in 2000 and 2017	
		Super Start: Camouflage - Foot prints, printing - Make a habitat - Print making	Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
		Fantastic Finish: Litter pick with OP Wildlife Project	Collage Henri Matisse Collages based on The Journey Home  Print making	RE Harvest and Thanksgiving Introduce other religions  PSHE Rights & Responsibilities	Games Fundamentals Odd and even numbers Getting into groups Active partitioning  Gym Floor Work (Rock & Roll)	e-Safety I am kind and responsible Moving Around to Fix My Factory Explore My Topic with a Floor Robot	OP Wildlife Project
	2	Topic: Tale as Old as Time	Literacy	Numeracy	Science	History	Geography
		Super Start: Goldilocks Day	The Goldilocks Project  You & Me	Number - Multiplication and Division  Number - Addition & Subtraction  Measurement Length and weight	Uses of Everyday Materials Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching	Black History Month - Nelson Mandela The lives of significant individuals in the past who have contributed to national and international achievements  Achievements of black athletes - compare the distances run by them and how long it took. Timeline of black activism	
		Fantastic Finish: Performance on stage in front of Year 1	Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
	Homework Project: Cooking at home and writing a recipe	Food - Porridge recipes - multiplication to find out how much of each ingredient needed for daddy, mummy and baby bear Drawing on scales to show the correct amounts Moving vehicle	RE Christmas - Giving & Receiving Gifts. Advent  PSHE - Anti-bullying Myself & My Emotions	Games  Gym Apparatus	Sorting My Shapes  Making My Moves with Scratch Jr	School Pantomime Trip	
	Talking to an adult at home about their past						



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Spring	Topic: All Aboard  Super Start: Visit to the Scott Polar Museum  Fantastic Finish: Australia Day  Homework Project: Research & present findings about a famous explorer  Make a boat/mode of transport	Owl & The Pussy Cat	Number - Multiplication and Division	Living Things and Their Habitats  Identify and name a variety of plants and animals in their habitats, including micro-habitats  Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food  Food chains - greater than and less than numbers of each species - doubling and halving (multiplying and dividing 5 times as many etc.) If there are 3 times as many rabbits how many will there be? Estimate the numbers you might find - e.g in 1 m of soil there are 20 worms, how many in 10m? <a href="https://nrnich.maths.org/9609">https://nrnich.maths.org/9609</a> Total numbers of living things, find the difference between different habitats	Researching famous explorers	Human & Physical  Identify seasonal and daily weather patterns in the UK and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles  Skills & Fieldwork  Use world maps, atlases and globes to identify the UK and its countries, as well as the other countries, continents and oceans previously studied  Differences in temperature between hot and cold climates  Passport - addition and subtraction, distances around the world  Comparing distances travelled by different explorers
		Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
		3D Form/Printing & Pattern <i>Aboriginal Art Didgeridoos Boomerang</i>	RE <i>Books and Stories Islamic and Jewish stories, Drams opportunities</i>	Games <i>Dance - ssymetry: mirror the actions of your partner. - Reinforcing shape concepts and vocabulary: make a circle, go to the 4 corners of the grid, what shape is it? Make a rectangle. - Direction: forward, backward, up, down, right and left - Use simple mathematical vocabulary: make a straight/curved shape, make a right angle with your partner</i>	e-Safety I am safe	Church of the Good Shepherd with Chris Lowe
		Landscape drawing D&T - Food Anzac Biscuits/Lamingtons Plan a menu for a BBQ <i>Cut, peel or grate ingredients safely and hygienically. Measure or weigh using measuring cups or electronic scales.</i>	PSHE Drug Education		Sorting My Animals	Scott Polar
					My Habitat Investigation <i>Animal Top Trumps Multimedia - News Report Handling Data - Branching Data</i>	Australia Day
	Topic: The Circle of Life  Super Start: Pond dipping Water colour landscape - Monet  Fantastic Finish: Woburn Trip  Homework Project: 3D Model of a life cycle  Make a safari map	Literacy	Numeracy	Science	History	Geography
		Tadpole's Promise	Fractions	Animals, inc. Humans  Notice that animals, including humans, have offspring which grow into adults  Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)  Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene  Exercise experiment - measure heart rate, how many star jumps etc can you do? Healthy plate		Skills and Fieldwork - Making Safari maps  Position and direction around the safari map
		Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
		Drawing <i>Landscape sketches Pond and beyond</i>	RE <i>Who is Jesus Easter Story</i>	Games - Striking & Fielding Gym - Apparatus  <i>Estimate height, compare to a metre, how tall is the climbing frame? How high is the big stool? How long is the bench? How could you measure the bench?</i>	Animate My Animal	Woburn
		Textiles Make animal puppets	PSHE Working Together		My News Report	CRC Map work



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Summer	1	<p>Topic: Fire! Fire!</p> <p>Super Start: One day creative workshop Bakers 1666 dress up</p> <p>Fantastic Finish: Burning of the houses with fire brigade</p>	The Great Fire of London	<p>Measurement - Area</p> <p>Geometry - Properties of shapes</p> <p>Decimals</p>	<p>Uses of Everyday Materials Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses</p> <p>Measuring how far things travel on different surfaces - measure distance and compare using &lt; and &gt; Use different measuring equipment Bar graph - how long it took?</p>	Event beyond living memory that are significant nationally or globally The Great Fire of London	<p>Human &amp; Physical Use basic geographical vocabulary to refer to key human features</p> <p>Countries of the UK</p>
		Homework Project: Compare an aspect of life e.g. children, clothes, toys, houses	Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
		Make a model	<p>Painting Mixing colours - explore colours of fire</p> <p>Construction Build structures, exploring how they can be made stronger, stiffer and more stable</p>	<p>RE Places of worship</p> <p>PSHE Personal Safety</p>	DancEd - The Great Fire of London  Archery	<p>e-Safety I am healthy</p> <p>Technology in My Life</p> <p>Do I Trust My Internet Search?</p>	<p>Cambridgeshire Fire &amp; Rescue Service</p> <p>Local baker</p> <p>One day creative workshop</p>
		Poster					
	2	<p>Topic: Dungeons &amp; Dragons</p> <p>Super Start: Castle Day</p> <p>Fantastic Finish: Banquet</p>	Literacy	Numeracy	Science	History	Geography
		Homework Project: Make a castle	The Dragon Machine	<p>Decimals</p> <p>Measurement - Money</p> <p>Time</p> <p>Statistics</p> <p>Geometry - Position and Direction</p>	<p>Plants Observe and describe how seeds and bulbs grow into mature plants</p> <p>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</p> <p>Comparing heights of plants Measuring temperatures where plants grow and compare - mark on thermometers to show the temperatures - reading scales to measure water required etc. Comparing how long plants took to reach a particular height</p>	<p>Lives of Significant Individuals Henry VIII (Hedingham Castle)</p> <p>Compare aspects of life in different periods</p>	<p>Human &amp; Physical Use basic geographical vocabulary to refer to key physical and human features</p> <p>Skills &amp; Fieldwork Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key</p>
			Art / D&T	RE & PSHE	PE	Computing	Visits & Visitors
			<p>Draw/Paint Portraits</p> <p>Mechanics Explore and use mechanisms (e.g. levers, sliders, wheels, axels) in their products Create products using winding mechanisms</p>	<p>RE - Special Times Ramadam</p> <p>PSHE - Healthy Lifestyles Sex and Relationships</p>	<p>Games Football Coach</p> <p>Athletics</p>	<p>Present My Information</p> <p>Open Ended Challenge</p>	Hedingham Castle

