

Curriculum Overview- Year Two

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English Text	The Snail and the Whale The Lighthouse Keeper's Lunch <u>To entertain, recount and inform</u> * Reading comprehension * Sequence and rewrite * Diary * Write fact file about lighthouses. Poetry - Reading Poetry Theme: Poetic language	The Jolly Postman The Polar Express <u>To entertain, recount and inform</u> * Informal recount letter writing * Reading comprehension * Newspaper report	Wanda Great Fire of London <u>To recount, inform, instruct and explain</u> * Reading comprehension *Autobiography personal recount linked to Christmas holidays. * Flow chart showing why and how the Great Fire of London started. * Recipe for a good friend * Who do you look up to and why? *Character web-bullying/anti bullying traits	The Owl Who was Afraid of the Dark Owls (Non fiction text) <u>To Entertain and inform</u> * Sequence * Setting description * Reading comprehension * Information leaflet about owls.	The Worst Witch The poems of Edward Lear-The Owl and the Pussy Cat <u>To Entertain and instruct and explain</u> * Changing the ending * Reading comprehension * Instructions - potion making	The Twits <u>To Entertain and instruct and explain</u> * Character description * Adding a part of the story * How to treat animals well.
Maths (maths is on a spiral curriculum, meaning similar topics are revisited throughout the year so there aren't such distinct topics each half term).	- Place Value - Addition and subtraction - Measuring length - Money	- Place value - Money - Addition and subtraction - Shape- 2D and 3D shapes and their properties - Time- o'clock, half past	- Place value - Addition and subtraction - Estimate and measure mass - Multiplication & Division - Money - Time - intervals of 5 minutes - Money	- Place value - Fractions of an amount and shape - Multiplication & Division - Position and direction - Time - Shape	- Place Value - Addition and subtraction - Measure - capacity and volume - Multiplication and Division - Fraction of a shape and number	- Place Value - Addition and subtraction - Money - Pattern and sequence - Statistics

<u>Science</u>	<u>Uses of everyday materials</u> • Explore how the shapes of solid objects can be changed (squashing, bending, twisting, stretching) • Find out about people who developed useful new materials (John Dunlop, Charles Macintosh, John McAdam) • Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper, cardboard for particular uses Key Vocabulary: opaque, transparent, translucent, reflective, non reflective, flexible, rigid, shape, push/ pushing, pull/ pulling, twist/twisting, squash/squashing, bend/ bending, stretch/ stretching	<u>Animals including Humans</u> • Explain that animals grow and reproduce • Explain why animals have offspring which grow into adults • Describe the life cycle of some living things (e.g. egg, chick, chicken) Key Vocabulary: offspring, reproduction, growth, old, adult, develop, life cycle, live young, offspring, young,	<u>Animals including Humans</u> • Describe what animals need to survive. • Explain the basic needs of animals, including humans for survival (water, food, air). • Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. Key Vocabulary: breathing, develop, diet, disease, exercise, germs, hygiene, nutrition, pulse, food types: meat, fish, vegetables, bread, rice, pasta	<u>Plants</u> • Describe what plants need to survive and grow. • Observe and describe how seeds and bulbs grow into mature plants • Investigate and describe the impact of removing light, soil or water from a growing or germinating plant. Key Vocabulary: light, shade, sun, warm, cool, water, grow, healthy, germinate	<u>Living Things and Their Habitats</u> • Match certain living things to the habitats they are found in including microhabitats. • Explain the differences between things that are living, dead and things that have never been alive. • Describe some of the life processes common to plants and animals, including humans • Describe how a habitat provides for the basic needs of things living there • Describe how some animals get their food using basic food chains • Describe how plants and animals are suited to their habitat and how they depend on each other. Key Vocabulary: living, dead, suited/ suitable, basic needs, food, food chain, shelter, move, feed, habitat
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Computing and Digital Skills	The Internet (4 lessons) ● To understand how the internet, the World Wide Web and a	Spreadsheets (6 lessons) ● To understand what a spreadsheet is and how to navigate one	Creating Pictures (5 lessons) ● To create a digital art piece in an	Route Explorers (4 lessons) ● To use the direction keys in 2Go to move the turtle along a	Coding (6 lessons) ● To create a computer program using an	Presenting Ideas (4 lessons) ● To understand that ideas can be organised and presented using a
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	browser work together. DL1, DL2 ● To understand the different types of hardware used to access the internet and their functions. DL1, DL2 ● To understand the difference between a website and a webpage and use a school website to find information. DL1, DL2 ● To understand the difference between a browser and a search engine, and to practise searching for information safely. DL1, DL2 Questioning (4 lessons) ● To understand how data can be used to help answer a question. IT1, DL2 ● To ask an appropriate question, gather data using a tally chart and present it using digital tools. IT1, DL2 ● To begin to explore how yes or no questions can be used to sort data. IT1, DL2 ● To understand how branching databases work and practise navigating them to find answers. IT1, DL2	using 2Calculate. IT1, DL2 ● To edit and improve a spreadsheet so that information is organised clearly and displayed correctly. IT1, DL2 ● To explore how spreadsheets can complete calculations automatically. IT1, DL2 ● To explore the range of tools available in 2Calculate and understand how they can change the way data is used. IT1, DL2 ● To create and interpret block diagrams from data. IT1, DL2 ● To use our learning about spreadsheets to help us complete a project. IT1, DL2	Impressionist style. IT1, DL2 ● To create a digital art piece in a Pointillism style. IT1, DL2 ● To create a digital art piece that is in the style of Piet Mondrian's work. IT1, DL2 ● To create digital art patterns in the style of the Arts and Crafts movement. IT1, DL2 ● To create a portfolio of digital art. IT1, DL2	route. CS1, CS2, CS3, DL2 ● To use units of distance along with the direction keys in 2Go to move along a route. CS1, CS2, CS3, DL2 ● To write instructions to complete more than one step of a route at once. CS1, CS2, CS3, DL2 ● To build up instructions for a longer route. CS1, CS2, CS3, DL2	algorithm. CS1, CS2, CS3, DL2 ● To understand ways that the collision detection event can be used in a program. CS1, CS2, CS3, DL2 ● To design a program that follows a timed sequence. CS1, CS2, CS3, DL2 ● To understand that different objects have different attributes (properties). CS1, CS2, CS3, DL2 ● To understand the function of button objects in a program. CS1, CS2, CS3, DL2 ● To understand the importance of testing and debugging. CS1, CS2, CS3, DL2	concept map. IT1, DL2 ● To add information to a concept map. IT1, DL2 ● To organise ideas clearly in a concept map. IT1, DL2 ● To use a concept map to present ideas to others IT1, DL2
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History	Local Study History of our school. How is our school linked to the past? ● Learn where the school name comes from. ● Learn when the school was built. ● Learn how our school and its surroundings have changed over time. Key Thread: settlement and society. Key Vocabulary: building, date, materials, style, prominent families, estate, laundry, industrial land, waste land, residential buildings	Events beyond living history significant nationally The Gunpowder Plot - How do events shape our world? ● Learn where the Gunpowder Plot came from. ● Learn what happened during the Gunpowder Plot. ● Learn who the villain was and why we celebrate it. Remembrance Day ● Learn what else is remembered in November. ● Learn who we remember and why. Key Threads: Power, Society and Settlement Key Vocabulary: Bonfire Night, Guy Fawkes, gunpowder, plot, parliament, kill, religion, King, Queen, past, present, remember, remembrance, conflict, veterans, service men and women.	Events beyond living history are significant nationally. The Great Fire of London - why was the Great Fire of London significant? ● Learn what London was like at this time. ● Learn what happened during the morning in September 1666. How and where the fire started, consider whose fault it was. ● Learn how and why the fire spread across London. Timeline of events (could be taught with the geography lesson timeline events on the map) ● Learn how they fought the fire. ● Learn how we know what happened - Samuel Pepys, John Evelyn. Primary and secondary sources. ● Learn about the effects of the fire - physical effects and lost homes. ● Learn how London changed after. Key Threads: Settlement, Society, Technology Key Vocabulary: past, present, modern, old, period, event, chronology, Thames, capital city, Britain, Samuel Pepys, consequence, diary, monument,	Events beyond living history Captain Cook ● Learn who captain Cook was and why he was exploring. ● Learn where Cook went and what he discovered on his first voyage. ● Learn what some difficulties Cook's crew faced on a long expedition at sea. ● Learn who Tupaia was and how he helped Cook. ● Compare Cook's expedition with that of Abel Tasman. ● Learn where Cook went on his second and third expedition and about Cook's death. ● Consider how Captain Cook is remembered today. Key Vocabulary: ocean, expedition, Antarctic, arctic, northern and southern hemispheres, Captain, success, failure, perseverance, scurvy, indigenous
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Geography	Name and locate the world's seven continents and five oceans. Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied. Where in the world? Use maps, globes and atlases - Where are we from? Where do we live? Review - Learn the seven continents of the world - link to where our families are from in the world. - Learn facts about each continent. - Learn that the UK is in Europe. - Learn key capital cities of Europe - Paris, Berlin, Madrid, Stockholm, Amsterdam, Athens, Rome (Digimaps/Twinkl lesson) - Learn the oceans of the world. Key Vocabulary Ocean, equator, land, continent, country, world, locate, route.	Use basic geographical vocabulary to refer to: key physical features, including: river, fields key human features, including: city, town, house, shops Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features. The Great Fire of London Use maps - Learn where London is on a map; compare to our location in Carshalton. - Learn that London in 1666 was smaller than London is today - maps. - Learn where the fire started and where it spread - map. - Learn how we can use maps to identify key human and physical features and the impact these would have on fire. - Learn how we use the school map to identify our fire route. Draw our fire route map from our classroom. Great Fire of London Walk - Pudding Lane/Monument to The Golden Boy of Pye Corner in Smithfield. Key Vocabulary: London, capital city, River Thames, bridges	Understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country Use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features. Identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles Australia - Learn about the physical and human features surrounding our school. - Learn what makes a city a city. - Learn where Australia is in the world - Learn to name and locate areas of interest in Australia using atlas and world maps - Learn about the weather in Australia - relate to bushfires - Learn how Canberra compares to London - Look at where Captain Cook went on his exploration journeys. - What would the weather be like when Cook travelled near the Arctic and Antarctica compared to Australia. Key Vocabulary: capital, capital city, Britain, aerial, territories, states, island	

Art and design	<u>Drawing: self portrait</u> <u>Medium: Oil pastels</u>	<u>Textiles printing patterns</u> Medium acrylic paint and fabric Colour	<u>Colour application - link to Australia</u> Indigenous art - Dot painting Medium acrylic paint
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	Develop a range of art and design techniques by using colour Using half a photo of own face and draw in the other half Artists: Hyun Mi Yoo Frieda Kahlo Pablo Picasso Digital art - take a photo and make a digital picture Key Vocabulary: Line: thick, thin, broad, narrow, fine, pattern, line, shape, bold, wavy Colour/painting: mixing, warm colours, cool colours, primary colours, secondary colours, tone, brush strokes, layer	Design a pattern in the style of Lucienne Day Overlay it with a picture Apply colour with printing, dipping, fabric crayons Artist: Lucienne Day Aisha Khalid Billie Zangewa Key Vocabulary: printing, dipping, pattern, textile, repetition, shape, form, primary colours, secondary colours, light, dark, materials, texture	Artist Emily Kame Ngwarreye Otis Hope Carey Natalie Jade Key Vocabulary: Create, warm colour, cool colour, primary colour, secondary colour, tool, stick, tone, layer.
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Design Technology	<u>Textiles: Design and construct a flag using different joining methods</u> Design, make, evaluate and technical knowledge: design and sew your own family flag. Match and sort fabrics and threads for colour, texture, length, size and shape. Change and modify threads and fabrics, knotting, fraying, fringing, pulling threads, twisting, plaiting. Cut and shape with glue and stitching Apply decorations with beads, buttons, feathers Create cords, plaits and twists for decoration Key Vocabulary: Knotting, fraying, twisting, joining, sewing, fabrics, texture, length, size, shape, threads, fabrics, fringing, pulling threads, twisting, plaiting		<u>Cooking and nutrition – healthy lunch</u> Children design and create a healthy meal. Make their own healthy lunch. Use the basic principles of healthy eating to prepare a salad Understand where foods come from Evaluate their meal based on appearance and taste Key vocabulary: chopping, cutting, slicing, hygiene, healthy diet, fruit, vegetable		<u>Structure and mechanism – Marble Run</u> Design, make, evaluate and technical knowledge Look at structure and designs that could be effective for a marble run Design a structure for an effective marble run Build the construction for the marble run using different materials Evaluate the structures and how sturdy they are, how easy the marble will run on the material and how to strengthen the structure Relate to the spread of the fire – clear route or blockers? Key Vocabulary: sliders, levers, materials, string, stiffer, cutting, shaping, joining, movement	
Music	Questions and answers	Let's Keep Singing	Sound and Symbol 1	Sound and Symbol 2	Around the World	The Power of Communication

RE	Big question - What can we learn from special stories?					
	Where did the world come from and how should we look after it?	Why are different books special for different people?	What can stories teach us about peace? OR What can stories teach us about forgiveness?	Why is Easter important to Christian people?	Why did Jesus tell stories? Church visit	How does special food and fasting help people in their faith (all religions)?

PSHE	<u>Being me in my world</u> Hopes and Fears for the Year Rights and Responsibilities Rewards and Consequences Our Learning Charter Owning our Learning Charter	<u>Celebrating difference</u> Assumptions Stereotypes Why does bullying happen? Standing up for myself and others We're All Different Celebrating difference and still being friends	<u>Dreams and Goals</u> Goals to Success Being Healthy Learning with Others A Group Challenge Being Relaxed Celebrating Our Achievement	<u>Healthy Me</u> Healthy Eating Keeping Safe at Home Safe outside Medicine Safety Happy, Healthy Me!	<u>Relationships</u> Families Keeping Safe - exploring physical contact Friends and Conflict Secrets Trust and Appreciation Celebrating My Special Relationships	<u>Changing me</u> Life Cycles in Nature Growing from Young to Old The Changing Me Boys' and Girls' Bodies Assertiveness Looking Ahead
PE	OAA: Team Building Gymnastics: Pathways	Locomotion Dodging 1 Gymnastics: Linking	Dance: Mr Water Balls Skills Feet 1	Ball Skills Hands 1 Health & Wellbeing	Dance: Unit TBC Ball Skills Hands 2	Games for Understanding Rackets, Bats & Ball