

Year 4 Curriculum Overview 2021

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Explorers and Inventors		Egyptians		The America's	
English	<p>Tuesday Fiction</p> <p>This superb, virtually wordless book by David Wiesner will capture the imagination of all children, no matter how old. It tells the story of an army of frogs who suddenly find themselves flying through a town one night. The book takes the reader through the night and some of the adventures that the frogs get up to. The text lends itself to all sorts of speaking & listening, drama and writing activities.</p>	<p>Gulliver's Travels Fiction</p> <p>Whilst reading this text the children will create their own logbook entries, instructions, adventure stories and explanation texts. They will use conjunctions, adverbs and prepositions. They will continue to work on using apostrophes to mark plural possession and the use of noun phrases to add detail and excitement.</p>	<p>Tutankhamun Non-fiction</p> <p>Children will continue to secure their knowledge of prefixes and suffixes as well as using inverted commas to punctuate direct speech. They will use headings and sub-headings to aid presentation and use expanded noun phrases to add detail. Children will complete a variety of writing tasks including non-chronological reports and biographies.</p>	<p>Weslandia Fiction</p> <p>Whilst reading this text the children will build on their knowledge of non-chronological reports by writing their own, book reviews and character descriptions. Children will use a dictionary to improve their writing and check their spellings. They will use headings and sub-headings to aid presentation. Children will use a variety of grammar terms to make their writing exciting to read.</p>	<p>The Matchbox Diary Fiction</p> <p>Children will write predictions, make inferences about the story, explore vocabulary and write in role. After exploring prepositions, they will create a ship's log that is in the form of a recount. They will then investigate migration and read for research to gather ideas about Ellis Island. Following this, the children will plan and write a non-chronological report</p>	<p>Tar Beach Fiction/Non-fiction elements</p> <p>Children will explore the theme of 'freedom' and do so by creating their own story, written as a play script, writing their own version of a 'Tar Beach' story about their own locality or chosen place. They will also create retellings, book reviews, character descriptions and dialogue.</p>
	<p>Shackleton's Journey Non-fiction</p> <p>Throughout this text the children will write their own newspaper reports, setting descriptions, interviews, diaries and letters. They will apply their growing knowledge of root words, prefixes and suffixes to read aloud and understand new words they come across.</p>	<p>Farther Fiction</p> <p>Children will continue to develop their understanding of nouns and pronouns. They will also have a stronger understanding of when to use the correct tense, including the present perfect and past tense. Children will write setting descriptions, postcards and sequel stories.</p>		<p>Cinnamon Fiction</p> <p>Children will be exploring limericks and other poetry forms as well as write a diary entry, informal letter, dialogue and adverts. They will then write their own version of a mythical tale.</p>	<p>Pride, the story of Harvey Milk and the rainbow flag Fiction/Non fiction</p> <p>Children will begin by exploring the symbolism and the history of the Rainbow/Pride Flag before discovering the story and significance of Harvey Milk as well as other figures central to the LGBTQ+ Rights Movement of San Francisco in the late 1970s and beyond. They will write leaflets about the Pride Flag, speeches</p>	

	<p>The children will be introduced to inverted commas to punctuate direct speech, the use of commas after fronted adverbials and the use of a variety of conjunctions.</p> <p>Iron Man Fiction</p> <p>Children will write character descriptions, letters of advice, menus and poetry. They will develop their understanding and use of fronted adverbials alongside using a variety of punctuation in their writing.</p>				<p>in role as Harvey Milk and create a biography of the activist's life.</p>	
Maths	<p>Place Value</p> <p>Children will spend time securing their knowledge on numbers within 1,000. They will then work with numbers up to 10,000 and will use number lines and partitioning methods. They will round and compare numbers.</p> <p>Addition & Subtraction</p> <p>Children will work with increasingly larger numbers. They will add and subtract numbers with up to 4-digits and exchange digits when needed. They will learn to estimate and check their answers.</p>	<p>Length & Perimeter</p> <p>Children will add and subtract lengths and find the perimeter of different shapes. They will also look at equivalent lengths and compare metric units.</p> <p>Multiplication & Division</p> <p>Children will multiply and divide by 10 and 100. They will learn multiplication and division facts using a variety of strategies.</p>	<p>Multiplication & Division</p> <p>Children will recall and use multiplication and division facts up to 12 x 12. They will use their place value knowledge to multiply and divide mentally, as well as learning a formal written method. They will also identify and use factor pairs.</p> <p>Area</p> <p>Children will build upon their existing knowledge of what the area of a shape is. They will be able to calculate the area of rectilinear shapes, make</p>	<p>Fractions</p> <p>Children will learn to show, using diagrams, equivalent fractions. They will solve problems through adding and subtracting fractions as well as calculating fractions of a quantity.</p> <p>Decimals</p> <p>Children will recognise and write decimal equivalents of any number of tenths or hundredths. They will find the effect of dividing a one or two-digit number, identifying the value of the digits is the answers</p>	<p>Decimals</p> <p>Children will learn to round, order and compare decimals. They will use their knowledge of halves, quarters and making a whole.</p> <p>Money</p> <p>Children will estimate, compare and calculate different measures, including money in pence and pounds. They will solve measure and money problems involving fractions and decimals to two decimal places.</p> <p>Time</p>	<p>Statistics</p> <p>Children will interpret and present data using appropriate methods including bar charts and time graphs. They will solve problems using information presented in bar charts, pictograms, tables and other graphs.</p> <p>Properties of Shape</p> <p>Children will identify, order and compare angles. They will identify lines of symmetry in 2D shapes and complete a symmetric figure.</p> <p>Position & Direction</p>

			<p>their own shapes and then compare and order the different areas.</p> <p><u>Mass Yr3</u> Children will build on what they learnt about measures in KS1 and measure, compare and add and subtract with mass.</p> <p><u>Capacity Yr3</u> Children will develop their understanding of capacity by measuring, comparing and problem solving with capacity.</p>	as ones, tenths or hundredths.	Children will read, write and convert time between analogue and digital clocks. They will solve problems involving converting from hours to minutes, minutes to seconds, years to months and weeks to days.	Children will describe positions and movements on a grid. They will plot specified points and draw sides to complete a given polygon.
Science	<p>States of matter Children will compare and group materials together, according to whether they are solids, liquids or gases</p> <p>Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)</p> <p>Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature</p>	<p>Electricity Children will identify common appliances that run on electricity</p> <p>Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers</p> <p>Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery</p> <p>Recognise that a switch opens and closes a circuit and associate this with</p>	<p>Sound Children will identify how sounds are made, associating some of them with something vibrating</p> <p>Recognise that vibrations from sounds travel through a medium to the ear</p> <p>Find patterns between the pitch of a sound and features of the object that produced it</p> <p>Find patterns between the volume of a sound and the strength of the vibrations that produced it</p>	<p>Animals including humans Children will describe the simple functions of the basic parts of the digestive system in humans</p> <p>Identify the different types of teeth in humans and their simple functions</p> <p>Construct and interpret a variety of food chains, identifying producers, predators and prey</p>	<p>Living things & their habitats Children will recognise that living things can be grouped in a variety of ways</p> <p>Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment</p> <p>Recognise that environments can change and that this can sometimes pose dangers and have an impact on living things</p>	<p>Plants YR3 Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers</p> <p>Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant</p> <p>Investigate the way in which water is transported within plants</p> <p>Explore the part that flowers play in the life cycle of flowering plants,</p>

	<p>impact this has.</p> <p>Fitness Children will learn to understand different components of fitness; speed, stamina, strength, coordination, balance and agility.</p> <p>Tag Rugby Children will learn to keep possession of the ball using attacking skills. They will develop strategies and social skills to self-manage games.</p>	<p>impact this has.</p> <p>Hockey Children will use simple attacking tactics to keep possession of the ball.</p> <p>Yoga Children will use yoga techniques and poses to help connect their mind and body.</p>	<p>impact this has.</p> <p>Dance Children will work individually, in pairs and in small groups to explore movement. They will develop their confidence in performing and will learn to utilise feedback.</p> <p>Netball Children will develop key skills and principles such as defending, attacking, throwing, catching and shooting.</p>	<p>impact this has.</p> <p>Gymnastics Children will create and develop more complex sequences. They will explore how to include apparatus and have a secure understanding on how to do this safely.</p> <p>OAA Children will use their teamwork skills to plan, solve, reflect and improve strategies.</p>	<p>impact this has.</p> <p>Athletics Children will develop running, jumping and throwing techniques. They will be set challenges for distance and time that involve using different styles and combinations.</p> <p>Tennis Children will practice tennis skills such as the ready position, racket control and forehand and backhand ground strokes. They will learn how to use different strategies, skills and tactics.</p>	<p>impact this has.</p> <p>Cricket Children will learn how to strike a ball into space to score points. They will also develop their team work skills when fielding.</p> <p>Swimming Children will swim using a variety of strokes, feeling happy and confident in the water.</p>
Computing	<p>E-safety Children use technology responsibly and understand that communication online may be seen by others</p> <p>They also understand where to go for help and support when he/she has concerns about content or contact on the internet or other online technologies.</p>	<p>E-safety Children use technology responsibly and understand that communication online may be seen by others</p> <p>They also understand where to go for help and support when he/she has concerns about content or contact on the internet or other online technologies.</p>	<p>E-safety Children use technology responsibly and understand that communication online may be seen by others</p> <p>They also understand where to go for help and support when he/she has concerns about content or contact on the internet or other online technologies.</p> <p>Digital Literacy/Networks/Information Technology Children will develop their understanding of using different programs. They will use search tools to research information about new topics.</p> <p>Children begin to understand what servers are and how they provide services to a network</p>		<p>E-safety Children use technology responsibly and understand that communication online may be seen by others</p> <p>They also understand where to go for help and support when he/she has concerns about content or contact on the internet or other online technologies.</p>	<p>E-safety Children use technology responsibly and understand that communication online may be seen by others</p> <p>They also understand where to go for help and support when he/she has concerns about content or contact on the internet or other online technologies.</p>

	<p>Coding</p> <p>Children begin to decompose (break down) programs into smaller parts and use logical reasoning to detect and correct errors in algorithms and programs.</p> <p>They select, use and combine a variety of software, systems and content that accomplish given goals</p>	<p>Digital Literacy/Net search</p> <p>Children will develop their understanding of using different programs. They will use search tools to research information about new topics.</p>			<p>Digital Literacy & Information Technology</p> <p>Children will develop their understanding of using different programs. They will use search tools to research information about new topics. Children will create a presentation that includes text, images and sound.</p>	<p>Computer Science</p> <p>Children will design, write and debug programs that accomplish specific goals. They will use sequence, selection and repetition in programs and use logical reasoning to explain how some simple algorithms work.</p>
Music	<p>Preparation for Young Voices</p> <p>Harvest Festival Children will learn to sign to a song and perform this at the Harvest Festival.</p> <p>Mamma Mia Children will learn about the song Mamma Mia and use instruments to perform as a class.</p> <p>Glockenspiel Children will develop and explore playing the glockenspiel, following increasingly challenging rhythms.</p>		<p>‘Stop’ Children will learn about a song linked to anti-bullying. They will compose lyrics linked to this theme.</p> <p>‘Lean on Me’ Children will learn about soul/gospel music and helping one another. They will focus on the pulse, rhythm and pitch to compose music and incorporate instruments.</p>		<p>Performance Children will sing as part of a group or independently. They will use musical skills and techniques including timing, rhythm, tune and pitch. A range of musical instruments will be used.</p> <p>‘Blackbird’ Children will learn to use a variety of instruments in time with the song ‘Blackbird’. They will develop their understanding of how to use different instruments and altogether will create an ensemble.</p>	
Art	<p>Antarctica pictures and colour filters Children will complete art projects that link to Polar</p>		<p>Hieroglyphics Ancient Egyptian portraits Canopic jars</p>		<p>Techniques Children will use a silk screening technique to create different effects</p>	

	Regions. They will use different techniques such as sketching, painting and modelling to create mood, feeling and movement.		Children will use a variety of different techniques, colours and materials to create an Ancient Egyptian portrait. They will use clay to create Canopic jars. Children will identify which tools are the most effective to create their own hieroglyphics.		and prints on a range of materials. Famous Artists Children will explore the differences and similarities within the work of artists, craftspeople and designers in different times and cultures. Research/discuss range of artists from given artistic era. Know details of artist and relevance to time period.	
Design Technology		Design clothing suitable for a polar explorer & Inventing a new form of transport Children will complete a DT project linked to Inventors. They will research, plan, create and evaluate an invention of their own.		Pulleys and leavers Children will apply techniques they have learnt to strengthen structures and explore their own ideas. They will understand the process of a pulley and leaver and how to ensure it works.		Cooking Children will develop their skills in cooking, and will prepare and cook some dishes safely and hygienically. Children will use some of the following techniques: peeling, chopping, slicing, grating, mixing, spreading, kneading and baking.
French	Revision Children will become consistent on knowing French numbers, colours, greetings and classroom instructions. They will learn how to speak in French when talking about animals, clothes and Christmas. The children will practise verbally building sentences using this knowledge.		Weather/Family They will learn how to talk about their family in French and create their own family tree. They will learn new French words associated with the weather and link to different regions of France.		Classroom Objects /France as a Country They will learn to talk about classroom objects using positional language. Children will consolidate their understanding of France as a country such as food, landmarks and famous people.	
RE		How is faith expressed in Hindu communities and traditions?		How do festivals and worship show what matters to a Muslim?		What are the deeper meanings of the festivals?

		<p>Children will learn about the Hindu faith within their families and communities in Britain today. They will learn about their practices and what it is like to be a Hindu in current traditions. Children will closely explore Diwali and other festivals.</p> <p>How is faith expressed in Sikh communities and traditions?</p> <p>Children will develop an understanding of the key beliefs in Sikhism. They will learn about the Five Ks and explore the importance of the Ten Guru's.</p>		<p>Children will identify some beliefs about God in Islam. They will learn about the Five Pillars and the festivals associated with these. They will also understand</p> <p>For Christians what was the impact of Pentecost?</p> <p>Children will recall learning about Jesus' death and resurrection. Children will learn to connect with their learning on God as Trinity.</p>		<p>Children will identify and describe three festivals from different religions as well as consider stories of key religious festivals and the meanings behind them.</p> <p>How and why do people try to make the world a better place?</p> <p>Children will refer back to their previous knowledge to think about some of the ways why the world is not such a good place. They will explore ideas and individuals that help inspire people to make the world a better place.</p>
PSHE	<p>Health and Wellbeing: Children will be able to recognise and develop their self-esteem, self-worth, personal qualities and goal setting.</p> <p>Relationships Children will learn the importance of having respect for self and others, courteous behaviours, safety and human rights.</p>	<p>Health and Wellbeing: Children will be able to recognise and develop their self-esteem, self-worth, personal qualities and goal setting.</p> <p>Valuing Difference Children will learn about a range of difference cultures and how important it is to respect everybody, even if their beliefs are different from our own.</p>	<p>Health and Wellbeing: Children will be able to recognise and develop their self-esteem, self-worth, personal qualities and goal setting.</p> <p>Keeping Myself Safe Children will have an understanding of possible risks, managing them and how to make decisions.</p>	<p>Health and Wellbeing: Children will be able to recognise and develop their self-esteem, self-worth, personal qualities and goal setting.</p> <p>Rights and Responsibilities Children will look at different ways of making a difference.</p>	<p>Health and Wellbeing: Children will be able to recognise and develop their self-esteem, self-worth, personal qualities and goal setting.</p> <p>Being My Best Children will explore their own qualities and their school community. They will discuss making the right choices and learn basic first aid.</p>	<p>Health and Wellbeing: Children will be able to recognise and develop their self-esteem, self-worth, personal qualities and goal setting.</p> <p>Growing & Changing Children will learn about how their bodies will change over time. They will also look at changes that will occur at different stages of their lives.</p>

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