

Millfields Curriculum Long Term Overview				2021-2022			Year 4		
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2			
English	Narrative – Fables	Poetry – Creatures Great and Small	Advertising – Campaign for Travel to Egypt	Modern Fiction – Eye of the Wolf	Fictions – Myths	Multi-genre - Historical Fiction			
Maths	Place value Addition and subtraction Fractions and Decimals	Addition and Subtraction Fractions and Decimals	Multiplication and Division Measures and Data (Time)	Shape Rounding Addition and Subtraction	Place Value Addition and Subtraction Measures and Data	Decimals and Fractions Multiplication and Division Addition and Subtraction			
Science	Materials - Changing States of Matter Compare and group materials together, according to whether they are solids, liquids or gases Observe that some materials change when heated/ cooled Evaporation/ cementation- water cycle		Electricity Identify appliances that run on electricity Construct simple series electrical circuits Conductors and insulators	Animals including humans Explain the functions of the digestive system Teeth in humans and animals Food chains for animals	Sound How sounds are made How vibrations travel to ear Pitch/ volume/ distance	Living things and habitats Group living things in variety of ways Use classification keys Recognise environmental changes and the dangers they pose.			
History	Understanding chronology through timelines	Ancient Egypt The achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of Ancient Egypt		Victorian Industry Learning about a significant turning point in British history and a study of a theme in British history.		Local history study The Battle of Worcester A study of an aspect of British history beyond 1066 that is			

						significant to the locality.
Geography	Describe and understand key aspects of the Water Cycle	Describe and understand key aspects of physical geography including climate zones and biomes and rivers  Use maps and atlases to locate the geographic zones of the world	Describe and understand key aspects of human geography including settlements, land use and trade	Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones	Use the 8 points of a compass, 4- and 6-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world	Use fieldwork to observe, measure record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies
Computing	Online safety  Understand the concept of plagiarism Think critically about the information that I put online Understand the dangers inherent in an instant messaging system	Internet Research  Being critical, researching effectively, understanding that the internet is not always true and unbiased.	Coding  Design, write and debug (e.g. correct/improve) programs that accomplish specific goals.	Coding  Design, write and debug programs and explain how simple algorithms work. Use sequence, selection and repetition and work with variables.	Film and Video editing  Independently use a range of software, to create and refine work in order to achieve a given goal.	Coding  Use logical reasoning to explain how more complicated algorithms work.

RE	L2.2 What is it like for someone to follow God? <b>Christianity and Judaism</b>	L2.6 For Christians, what was the impact of Pentecost? <b>Christianity</b>	L2.7 What do Hindus believe God is like? <b>Hinduism</b>	L2.8 What does it mean to be Hindu in Britain today? <b>Hinduism</b>	L2.3 What is the 'Trinity' and why is it important for Christians? <b>Christianity</b>	L2.12 How and why do people try to make the world a better place? <b>Religious and non-religious views</b>
Art	<p>Drawing and Painting</p> <p>Create sketch books to record their observations and use them to review and revisit ideas.</p> <p>Improve mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.</p> <p>Explore the work of Rosa Bonheur and Leonardo Da Vinci.</p>		<p>3D Art</p> <p>Explore examples of 3D art, such as sculpture and collage.</p> <p>Explore the work of Susan Lordi, Henry Walton and Tamara de Lempicka, interpreting their work to create own art work.</p>		<p>Printing and Digital Art</p> <p>Investigate techniques used to create artwork in the form of printing and digital art.</p> <p>Explore the work of Artists such as Sonia Delaunay, Wassily Kandinsky, Peter Paul Rubens and Joan Jonas.</p>	
DT		<p>Textiles</p> <p>Investigate the</p>		<p>Light Up Signs</p>		<p>British Inventors</p>

		<p>structure and purpose of a pencil case and design, make, improve and evaluate a final product.</p> <p>Learn simple sewing skills to join fabric together and add detail such as buttons.</p>		<p>Investigate the purpose of a light up sign and explore examples.</p> <p>Explore the components that enable a sign to successfully light up.</p> <p>Design, make and evaluate a product.</p>		<p>Research and learn about the successes, challenges and achievements of British inventors over the years and how they have impacted technology today.</p>
Music	<p>BBC Ten Pieces - Edvard Grieg - In the Hall of the Mountain King from 'Peer Gynt'</p> <p>Explore a range of musical instruments, understanding how they work.</p>	<p>BBC Ten Pieces - Pyotr Ilyich Tchaikovsky - The Nutcracker – Waltz of the Flowers; Russian Dance.</p> <p>Use and understand the basics of staff and other musical notations.</p> <p>Improvise and compose music.</p>	<p>BBC Ten Pieces - Delia Derbyshire – Doctor Who Theme (original theme by Ron Grainer)</p> <p>Listen to and appreciate music from other cultures.</p>	<p>BBC Ten Pieces - Richard Wagner - 'Ride of the Valkyries' from 'Die Walküre'</p> <p>Improvise and compose music for a performance.</p>	<p>BBC Ten Pieces - Modest Mussorgsky - A Night on the Bare Mountain</p> <p>Study of famous composer, developing an understanding of the history of music.</p> <p>Listen to and appreciate a range of live and recorded music.</p>	<p>BBC Ten Pieces - Bachianas brasileiras No. 2, The Little Train of the Caipira (finale) by Heitor Villa-Lobos</p> <p>Play and perform in solo and ensemble contexts, using their voice and playing musical instruments with increasing accuracy, control and expression.</p>

PE	<u>Real PE – Personal</u> <b>Coordination: Footwork</b>  1. Hopscotch forwards and backwards, alternating hopping leg each time. 2. Move in a 3-step zigzag pattern forwards. 3. Move in a 3-step zigzag pattern backwards.  Swimming TBC	<u>Real PE – Social</u> <b>Dynamic balance and Agility: Jumping and Landing</b>  1. Jump 2 feet to 2 feet forwards, backwards and side-to-side. 2. Hop forward and backwards, freezing on landing. 3. Jump 1 foot to other forwards and backwards, freezing on landing. 4. Hop sideways, raising knee and freezing on landing. 5. Jump 1 foot to other sideways, raising knee and freeze on landing.  Swimming TBC	<u>Real PE – Cognitive</u> <b>Dynamic Balance: On a Line</b>  1. March, lifting knees and elbows up to a 90° angle. 2. Walk fluidly with heel to toe landing. 3. Walk fluidly, lifting knees and using heel to toe landing Walk fluidly, lifting heels to bottom and using heel to toe landing	<u>Real PE – Creative</u> <b>Coordination: Sending and Receiving</b>  1. Strike a ball with alternate hands in a rally. 2. Kick a ball with the same foot. 3. Kick a ball with alternate feet. Roll 2 balls alternately using both hands, sending 1 as the other is returning	<u>Real PE – Applying</u> <u>Physical</u> <b>Agility: Reaction/Response</b>  1. React and catch tennis ball dropped from shoulder height after 1 bounce, balancing on 1 leg.	<u>Real PE – Health and Fitness</u> <b>Agility: Ball Chasing</b>  1. Chase a large rolled ball, let it roll through legs and then collect it in balanced position facing the opposite direction. 2. Chase a large bouncing ball, let it roll through legs and then collect it in balanced position facing the opposite direction. 3. Complete above challenges with tennis ball.
PHSE	Jigsaw Being Me in My World	Jigsaw Celebrating Differences	Jigsaw Dreams and Goals	Jigsaw Healthy Me	Jigsaw Relationships	Jigsaw Changing Me
Visits/trips/ experiences	Seasonal experiences TBC		Discover History – Egyptian Workshop TBC	Year 4 Residential TBC	Visit to Worcester Transition events to middle schools TBC	