

Millfields Curriculum Long Term Overview			2019-2020			Year 4	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
English	Narrative – Fables	Poetry – Creatures Great and Small	Advertising – The Fun Fit Factory	Modern Fiction – Eye of the Wolf	Fictions – Myths	Multi-genre - Historical Fiction	
Maths	Place value Addition and subtraction	Measurement: Length and Perimeter Multiplication	Multiplication and Division Measurement: Area Fractions	Multiplication and Division Fractions Decimals	Money (Including decimals) Time Statistics	Geometry: Properties of Shape Position and Direction (Coordinates)	
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	<p>Use maps and atlases to locate the geographic zones of the world</p> <p>Describe and understand key aspects of the Water Cycle</p>	Describe and understand key aspects of physical geography including climate zones and biomes and rivers	Describe and understand key aspects of human geography including settlements, land use and trade		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	<p>Online safety</p> <p>Understand the concept of plagiarism Think critically about the information that I put online Understand the dangers inherent in an instant messaging system</p>	<p>Internet Research</p> <p>Being critical, researching effectively, understanding that the internet is not always true and unbiased.</p>	<p>Coding</p> <p>Design, write and debug (e.g. correct/improve) programs that accomplish specific goals.</p>	<p>Coding</p> <p>Design, write and debug programs and explain how simple algorithms work. Use sequence, selection and repetition and work with variables.</p>	<p>Film and Video editing</p> <p>Independently use a range of software, to create and refine work in order to achieve a given goal.</p>	<p>Coding</p> <p>Use logical reasoning to explain how more complicated algorithms work.</p>
RE	<p>Why do some people think that life is a journey?</p> <p>What significant experiences mark this?</p>		What does it mean to be a Hindu in Britain today?		What can we learn from religions, deciding what is right and wrong?	

Art	<p style="text-align: center;">Drawing</p> <p>Use different effects and textures. Mix colour, shades and tones and show an understanding of complimentary colours Use a sketchbook to plan and explore colours, Discuss, evaluate and review own and others work, expressing opinions and feelings. Identify changes and edit work.</p>		<p style="text-align: center;">Painting</p> <p>Develop analytical skills and fine pencil control. Experiment with different media to achieve variations in tone Develop intricate patterns Produce thick and thin lines Further develop drawings with perspective Use sketchbooks to experiment with materials and techniques using line, colour, pattern, texture, shape and space. Evaluate and modify own work</p>		<p style="text-align: center;">3D Art</p> <p>Work in a safe, organised way, caring for equipment. Secure work to continue at a later date. Use recycled, natural and man-made materials to create sculptures. Use sketchbooks to collect visual information from as well as planning and trying out ideas. Adapt work as and when necessary and explain why. Use language appropriate to skill and technique. Demonstrate awareness in environmental sculpture and found object art. Discuss and review own and others work, expressing thoughts and feelings, and identify modifications/ changes.</p>
DT		<p style="text-align: center;">Textiles</p> <p>Plan a design in sketchbook using names of a range of fabrics. Use a range of techniques to</p>		<p style="text-align: center;">Cooking & Nutrition</p> <p>Understand and apply the principles of a healthy and varied diet cook y savoury dishes to</p>	

		<p>create different textual effects e.g. printing, stitching, sand weaving.</p> <p>Apply decoration using needle and thread e.g. buttons or sequins. Change and modify fabric.</p> <p>Use appropriate language to describe technique.</p> <p>Explore a range of artists, architects and designers in history.</p> <p>Discuss, evaluate and review own and others work, expressing opinions and feelings.</p> <p>Identify changes and edit work</p>		<p>be able to feed themselves and others a healthy and varied diet</p> <p>Use a range of cooking techniques [for example, selecting and preparing ingredients; using utensils and electrical equipment</p> <p>understand the source, seasonality and characteristics of a broad range of ingredients</p>		
Music	Explore a range of musical instruments, understanding how they work.	<p>Use and understand the basics of staff and other musical notations.</p> <p>Improvise and compose music.</p>	Listen to and appreciate music from other cultures.	Improvise and compose music for a performance.	<p>Study of famous composer, developing an understanding of the history of music.</p> <p>Listen to and appreciate a range</p>	<p>Play and perform in solo and ensemble contexts, using their voice and playing musical instruments with increasing accuracy, control and expression.</p>

					of live and recorded music.	
PE	Invasion Games (through Hockey, Football and Handball based activities) Gymnastics - Group Dynamics (Core Task) Swimming	Dance – linked to Voices and Visions theme Invasion Games (through Netball and Basketball based activities)	Target Games (through Golf activities) Invasion Games (through Tag Rugby based activities)		OAA Net and Wall Games (through Tennis based activities)	Athletics Strike and Field Games (through Rounders and Cricket based activities)
PHSE	Myself and My Relationships <ul style="list-style-type: none"> • Emotional wellbeing. • Managing risk • Managing change 	Healthy and Safer Lifestyles <ul style="list-style-type: none"> • Medicines and their uses • Keeping Healthy • Identifying and Reducing Risk 			Keeping Safe <ul style="list-style-type: none"> • Safety Contexts • Personal Safety • Dealing with Bullying • Helping and Getting Help 	
Visits/trips/experiences	Seasonal experiences Theatre visit	Discover History – Egyptian Workshop	Year 4 Residential – Pioneer Centre		Visit to Worcester Transition events to middle schools	