

Year 4 Curriculum 2020-21						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Value:	Success	Resilience	Respect	Safety	Collaboration	Responsibility
Literacy	All Literacy texts are revealed to the children within the lessons.					
Numeracy	Chapter 1 – Numbers to 1000 Chapter 2 – Addition and Subtraction within 10, 000 Chapter 3 – Multiplication and division Chapter 4 – Further Multiplication and division		Chapter 5 - Graphs Chapter 6 – Fractions Chapter 7 – Time Chapter 8 – decimals Chapter 9 – Money		Chapter 10 - Mass, Volume and Length Chapter 11 - Area of Figures Chapter 12 - Geometry Chapter 13 - Position and Movement Chapter 14 - Roman Numerals	

Science	<p style="text-align: center;"><u>States of Matter</u></p> <p>Children will investigate the changing state of solids, liquids and gases and how they interact with their environment. They will identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.</p>	<p style="text-align: center;"><u>Sound</u></p> <p>In science, children will discover all about sound; how it is formed through vibrations, how it travels, and why there are differences between pitch and volume.</p>	<p style="text-align: center;"><u>Electricity</u></p> <p>In science, children will learn about electricity and the structures of circuits before designing and making a circuit to support their D&T project. They will learn how to construct simple electrical circuits and name the components of these as well as develop an understanding as to whether or not a lamp will light in a simple series circuit. By the end of this unit, children will be able to recognise common conductors and insulators, and have a good understanding of which metals are good conductors.</p>		<p style="text-align: center;"><u>Animals including humans</u></p> <p>In science children will be able to describe the simple functions of the basic parts of the digestive system in humans. They will be able to identify the different types of teeth in humans. The children will identify the simple functions of teeth in humans. They will construct and interpret a variety of food chains and be able to identify producers, predators and prey in a food chain.</p>	<p style="text-align: center;"><u>Living things and their habitats-</u></p> <p>In science, children be exploring living things and the habitats in which they live. They will then look at the dangers imposed on these living things if part of the eco-system is changed or altered in anyway. They will find out about animals and plants that have adapted to survive in a desert habitat. They will learn how to group and identify animals using classification keys. They will explore 'who eats who' by looking at desert food chains.</p>
Computing	<p style="text-align: center;">Information Technology/Digital Literacy</p> <p style="text-align: center;">E-Safety</p>	<p style="text-align: center;">Information Technology/Digital Literacy</p> <p style="text-align: center;">E-Safety</p>	<p style="text-align: center;">Information Technology – Data</p> <p style="text-align: center;">E-Safety</p>	<p style="text-align: center;">Computer Science/IT– Programming</p> <p style="text-align: center;">E-Safety</p>	<p style="text-align: center;">IT /Digital Literacy – Communication</p> <p style="text-align: center;">E-Safety</p>	<p style="text-align: center;">Information Technology/Computer Science – Animation</p> <p style="text-align: center;">E-Safety</p>

History		<p><u>Ancient Egypt</u> Children will learn to interpret the past through the study of the Ancient Egyptian Civilization. They will analyse historical artefacts and information to develop a secure understanding. They will explore the life of Tutankhamun and his journey as a Pharaoh gaining an understanding of ancient rituals and traditions.</p>	<p><u>Investigating India</u> In this topic the children will find out about India – the largest of the Empire nations and 'the jewel in the crown'. The children will go on a voyage of discovery as they learn about Britain's growing power as a seafaring nation during the age of exploration and how the British Empire dominated trade in Asia. The children will learn how the empire crumbled after the end of the Second World War, and about the Commonwealth of Nations today. The children will have the opportunity to discuss the age of British imperialism.</p>		
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<p>Geography</p>	<p><u>Where does our food come from? Food to fork.</u> The children will embark on a journey around the world, visiting farms in temperate, tropical and Mediterranean climates. They will learn about locational language, climate conditions in a range of different biomes, how food is produced, traded and transported and how fair trade organisations help farmers</p>	<p><u>Ancient Egypt</u> In this topic on Ancient Egypt the children will go on a journey of discovery up and down the River Nile! The children will learn all about the physical and human features of the River Nile and its impact on Egypt. They will learn to locate the River Nile on a world map, identify the countries it runs through. They will identify the source and mouth of the river and explore the physical and human geography of the Nile Delta. Finally the children will explore uses for</p>	<p><u>Investigating India</u> The children will learn about human and physical geography: The children will use detailed maps and resources to investigate India's climate and physical geography. They will explore the major mountains and rivers that dictate India's population and climate patterns, locate major cities in India and investigate the human and physical features found there. The children will also compare and contrast India to the United Kingdom with the use of detailed image cards and clear maps and photos</p>		<p><u>Anglo Saxons/Vikings</u> In history, the children will use evidence to ask and answer questions about the Anglo-Saxons. They will research different accounts of historical events during this time and offer some explanations of why these accounts may differ. They will then build on this research and use it as evidence to build up a picture of past events, suggesting cause and consequences for these.</p>
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		the River Nile and how these have changed over time.				
Art and Design	Looking at Egyptian artefacts the children will make a clay sculpture related to the lives of the Ancient Egyptians (clay cartouche, statue et).		In Art children will investigate artefacts and historical design and use of pattern in Anglo-Saxon jewellery and brooches. To begin with, children will develop their skills using clay to create their brooch and then use paint to add colour to their design.		Art in Nature: 3D sculpture. Andy Goldsworthy Henri Rousseau	In art children will look at Aboriginal art from the Western Desert region. This will inspire them to create their own Aboriginal art designs on card. These will be developed to make a permanent wall relief/or floor pattern decoration for the outdoor area. https://www.aboriginalartaustralia.com/aboriginalart-library/a-look-atwestern-desertaboriginal-art/

Design and Technology		<p>Structures Shell structures (including computeraided design) In D&T, children will research, and develop design criteria to construct a model of a famous building, bridge or architectural structure. They will look at how designs have developed and changed over time. They will then apply their understanding of electrical components to create a working circuit in their structure (e.g. A lighthouse tower or bridge that is lit).</p>		<p>In D&T, children will adapt their AngloSaxon brooch design in art to create a brooch using textiles. They will use basic backstitch and cross stitch to create their Anglo-Saxon brooch.</p>		<p>Food Healthy and varied diet (including cooking and nutrition requirements for KS2) Design and make a fair trade smoothie.</p>
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RE	How and why do Hindu people worship at home and in the Mandir?	Why is the Bible a special book?	What religions and world views are represented in our neighbourhood	Why is Easter important to Christians?	What Makes the Person I am?	What happens when someone gets married?
PSHE	<p>Relationships</p> <p>Recognizing feelings in others & understanding body language</p> <p>Responding to different viewpoints</p> <p>Resolving conflict</p> <p>Being assertive</p>	<p>Relationships</p> <p>Resisting pressure from others</p> <p>Taking responsibility for behavior</p> <p>Responsible use of information technology</p> <p>Learning styles</p> <p>Planning to reach a goal</p>	<p>Health and Well being</p> <p>Differences: male and female</p> <p>Personal Space & Touch</p> <p>Keeping safe online</p> <p>Family Differences</p> <p>Gender roles at home and school</p> <p>Feeding the family</p>	<p>Health and well being</p> <p>Why People Smoke</p> <p>Physical effects of smoking</p> <p>No Smoking</p> <p>Being physically active</p>	<p>Living in the wider world</p> <p>Staying safe</p> <p>Our community in the media</p> <p>The media including social media</p> <p>Organisations which help our community</p> <p>Rubbish and recycling</p>	<p>Living in the wider world</p> <p>Ways to pay including online</p> <p>Lending and borrowing</p> <p>Earning money</p> <p>Jobs</p> <p>Other people's lives around the world</p>
PE	Indoor-Dance Outdoor-Invasion-Tag Rugby	Indoor-Dance Outdoor-Invasion	Indoor-Gymnastics Indoor athletics	Indoor- Dance Games –Over the net	Indoor-Gymnastics Outdoor-Athletics	Outdoor-Athletics Striking and fielding
Music	Charanga scheme & Guitars	Charanga scheme & Guitars	Charanga scheme & Guitars	Charanga scheme & Guitars	Charanga scheme & Guitars	Charanga scheme & Guitars
Trips						