

Year 5 Overview 2021-22

A U T U M N	<p>English – Key Texts</p> <p>Unsinkable Titanic – Andrew Donkin</p> <p>There's a boy in the girls' bathroom – Louis Sacher</p> <p>Story Time texts:</p> <p style="text-align: center;">Classic Fiction <i>Black Beauty</i></p> <p style="text-align: center;">Non fiction <i>Shackleton's Journey</i></p> <p>Maths</p> <p>Place Value</p> <p>Addition and Subtraction</p> <p>Statistics</p> <p>Multiplication and Division</p>	<p>Science Properties and changes of Materials</p> <p>*compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</p> <p>*know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</p> <p>*use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</p> <p>*demonstrate that dissolving, mixing and changes of state are reversible changes</p> <p>*explain that some changes result in the</p>	<p>Technology</p> <p>Using Technology Effectively</p> <p>Publisher</p> <p>Create a leaflet which includes WordArt, text boxes, inserted images, page formatting.</p> <p>Programming, Coding and Control</p> <p>Wedo – Sports Star</p> <p>Use on screen instructions to construct the Lego figure as shown. Write an algorithm, using coding blocks, to enable the figure to move. Pair up with another group to program the 2 figures to interact.</p>	<p>R.E. Creation</p> <p>Focus on creation and recognising the gifts received from God to help others. Reflect on how to both physically and spiritually healthy. We are all created in the image and likeness of God and know that God calls us to care for others and all creation with love and respect. There are times when we fail to be good stewards of creation and it is important to learn from this.</p> <p style="text-align: center;">God's Covenant</p> <p>The Ten Commandments - learn that God gave the Ten Commandments to Moses as a gift to help us to live as God wants. Learn how God sent Jesus, his only Son, to help us live the commandments</p> <p style="text-align: center;">ALL SAINTS DAY MASS</p> <p style="text-align: center;">Visitor: Jon Leigh</p>	<p>History</p> <p style="text-align: center;">Anglo-Saxons</p> <p>*Britain's settlement by Anglo-Saxons</p> <ul style="list-style-type: none"> - Roman withdrawal from Britain in c. AD 410 and the fall of the western Roman Empire - Scots invasions from Ireland to north Britain (now Scotland) -Anglo-Saxon invasions, settlements and kingdoms: place names and village life - 	<p>Geography Magnificent Mountains</p> <p>*Human and physical geography</p> <ul style="list-style-type: none"> -describe and understand key aspects of mountains. * Geographical skills and fieldwork -use maps, atlases, globes and digital/computer mapping * Locational knowledge - locate the world's countries, using maps to focus on Europe - name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics 	<p>Art/D.T.</p> <p>Art – Drawing and form</p> <ul style="list-style-type: none"> -Develop use of sketching techniques. -Establish mastery of artistic techniques -Use watercolours to create impact. <p>DT – Sewing</p> <ul style="list-style-type: none"> -Create pattern for purposes 	<p>Music</p> <p>Film music: dramatic effect of music, sound effects, developing composition.</p> <p style="text-align: center;">Black History Month: music as a tool for social justice</p> <p>Peer Gynt: introduction to rhythmic roles, strong beats and</p>	<p>P.E.</p> <p>Gymnastics: Work collaboratively with a partner to perform Compare performance with previous performances Develop flexibility, balance, strength and control.</p> <p>Dance:</p> <p>Liturgical Dance</p> <p>Perform routines to audiences</p> <p>Perform in a variety of dance styles</p> <p>Work collaboratively in groups</p>
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	Perimeter and Area	<p>formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda</p> <p>Forces</p> <p>*explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p> <p>*identify the effects of air resistance, water resistance and friction, that act between moving surfaces</p> <p>*recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect</p>			<p>Anglo-Saxon art and culture</p> <p>-Christian conversion – Canterbury, Iona and Lindisfarne</p> <p>* the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor</p> <p>- Viking raids and invasion</p> <p>- resistance by Alfred the Great and Athelstan, first king of England</p> <p>- further Viking invasions and Danegeld</p> <p>-Anglo-Saxon laws and justice</p> <p>-Edward the Confessor and his death in 1066</p>		off-beats, syncopation	
S P R I N G	<u>Greek Myths:</u>	Earth and Space	E-Safety Day	Inspirational People	Ancient Greeks	Art –	Samba	Touch Rugby
	<p>Icarus & Daedalus</p> <p>Siege of Troy</p> <p>Odysseus and Polyphemus</p> <p>Theseus and the Minotaur</p> <p>Hercules</p>	<p>*describe the movement of the Earth and other planets relative to the sun in the solar system</p> <p>*describe the movement of the moon relative to the Earth</p> <p>*describe the sun, Earth and moon as approximately spherical bodies</p> <p>*use the idea of the Earth's rotation to explain day and night</p>	<p>Using Technology Effectively</p> <p>Excel</p> <p>Use cell formatting, basic formulae and graphing data functions to complete a</p>	<p>Jesus has come for everyone and how we can join his mission. What it means to be a follower of Jesus and what it means. Know that the Beatitudes show us the way to live and think of ways they can help us to be true followers of Jesus.</p> <p>Reconciliation</p>	<p>*Ancient Greece – a study of Greek life and achievements and their influence on the western world.</p> <p>* the legacy of Greek n culture (art, architecture or literature) on later periods in British history, including the present day</p> <p>* Locational knowledge</p> <p>- locate the world's countries, using maps to focus on Europe</p> <p>*Human and physical geography</p> <p>- human geography, including: types of settlement and land use, economic</p>	<p>The Parthenon – Use of perspective and observation.</p> <p>DT–</p> <p>Use clay skills to plan and make a Greek vase design.</p>	<p>Introduction to Brazilian rhythmic groupings and ensemble playing through a range of authentic instruments</p>	<p>Able to recognise where improvements could be made in their work</p> <p>Develop, select and combine more complex skills in competitive environments</p> <p>Play in games developing strength and technique</p>

	<p><u>Story Time texts:</u> Diversity Wonder</p> <p>Modern Poetry</p> <p>Maths</p> <p>Multiplication and Division</p> <p>Fractions</p> <p>Decimals and Percentages</p>	<p>and the apparent movement of the sun across the sky</p> <p>Trip: Royal Observatory Greenwich (Summer 1)</p> <p>Animals including humans</p> <p>*describe the changes as humans develop to old age</p>	<p>spreadsheet and data analysis.</p> <p>How Computers Work</p> <p>Co- spaces</p> <p>Use the online classroom to construct a virtual themed 3D world. Use coding blocks to enable items within the environment to move and interact.</p> <p>View own environments using VR headsets.</p>	<p>When we sin we hurt ourselves and others and damage our relationship with God. God loves and forgives us if we are truly sorry and learn that God heals our friendship with him and others through the Sacrament of Reconciliation. Preparing ourselves to receive this Sacrament and what happens during the Sacrament of Reconciliation.</p>	<p>activity including trade links, and the distribution of natural resources including energy, food, minerals and water</p> <p>Ancient Greek Day</p>		<p>Samba</p> <p>Developing sophisticated ensemble playing, with each smaller group playing different rhythms simultaneously as an ensemble, culminating in a concert performance</p>	<p>Tennis</p> <p>Play competitively against others and work together with others Work hard to challenge self to improve the consistency of shots including newly learnt shots Implement basic tactics in gameplay</p>	
SUMMER	<p>The Highwayman</p> <p>Midsummer Night's Dream</p> <p><u>Story Time texts:</u> Modern Fiction Ghost Boys</p> <p>Classic Poetry</p>	<p>Living things and their habitats</p> <p>*describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird *describe the life process of reproduction in some plants and animals * David Attenborough and Jane Goodall.</p>	<p>Programming, Coding and Control</p> <p>Scratch.Edu Inc. Barclays Digital Eagles.</p> <p>Design characters and backgrounds, create a working prototype which is then developed. Design, rewrite and debug programs, use</p>	<p>Life in the Risen Lord</p> <p>The appearance of Jesus to Mary of Magdala. That the risen Jesus is present among us in different ways. Jesus' teaching on, and example of, prayer. Study the Lord's Prayer. Learn that we can pray in different ways.</p>	<p>Industrial Revolution</p> <p>*a local history study *a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066 - a significant turning point in</p>		<p>Art – Graffiti and Street Art. Observation Experiment with colour – colour making/ tone/ shade/ mood/ colour for purpose.</p>	<p>Production songs</p> <p>Learning songs in different genres by heart considering performance quality.</p>	<p>Cricket</p> <p>Play in competitive games developing power, flexibility and cardiovascular endurance</p> <p>Able to recognise where improvements could be made in their work.</p> <p>Select and combine more</p>

	<p>Trip: The Globe Theatre</p> <p>Maths</p> <p>Decimals</p> <p>Properties of Shape</p> <p>Position and Direction</p> <p>Converting Units</p> <p>Measurement Volume</p>	<p>Scientist Research</p> <p>Pupils will find out about scientists and work scientifically</p> <p>e.g.</p> <ul style="list-style-type: none"> *grow new plants from different parts of the parent plant, for example, seeds, stem and root cuttings, tubers, bulbs. * considering the work of scientists such as Ptolemy, Alhazen and Copernicus * How Galileo Galilei and Isaac Newton helped to develop the theory of gravitation. <p><u>Diverse scientists:</u></p> <ul style="list-style-type: none"> * Mae Carol Jemison - American engineer, physician and NASA astronaut, Mae Carol Jemison became the first African American woman to travel in space. * Gladys West - mathematical and programming expertise to invent an accurate model of the Earth which was used as the foundation for the creation of the Global Positioning System (GPS). She was the second black woman ever to be 	<p>sequence selection and repetition in programs.</p> <p>How Computers Work</p> <p>Black Chamber</p> <p>Communicating information securely. Investigate 2 early ciphers and consider what makes a secure password. Use logical reasoning to explain how simple algorithms work. Understand computer networks including the internet. Use technology safely.</p>	<p>Other faiths</p> <p>Judaism: important Jewish beliefs and think about their importance, whilst looking at some Jewish celebrations and reflecting on the meaning of them. Using all they have learnt, they will be able to know some of the beliefs we share with Jews and the differences between us.</p> <p>Islam: Significant Muslim beliefs and the way they pray and think about the importance this has for Muslims whilst also reflecting on the importance of prayer for Catholics.</p>	<p>British history, for example, the first railways</p>	<p>North America</p> <ul style="list-style-type: none"> *Locational knowledge - locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities. *Place knowledge -understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America * Human and physical geography 	<p>Artist study – Banksy and Lady pink</p> <p>DT: Printing famous North American landmarks</p> <p>FT – Food linked to RE topic on Islamic festivals.</p>		<p>complex skills in game situations</p> <p>Football</p> <p>Play in competitive games developing strength and technique</p> <p>Able to recognise where improvements could be made in their work</p> <p>Select and combine more complex skills in game situations</p> <p>Sports Day</p>
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