



## Curriculum Overview for: Year 4 Academic Year 2021-2022

Subject	Autumn	Spring	Summer
English	<p style="text-align: center;"><b>Class Text –</b>  <b>The Hobbit by J.R.R Tolkien</b> - character  <b>Non-Fiction:</b> Instruction text  <b>War Horse by Michael Morpurgo</b> - action and            creating suspense  <b>Non-Fiction: Diary entry of a soldier</b>  <b>Reading</b>  <b>DERIC Questions –</b> A range of decoding,            explanation, reasoning, inference and choice            questions.</p>	<p style="text-align: center;"><b>Class Text –</b>  <b>Harry Potter by JK Rowling</b> - setting  <b>Non-Fiction</b> - persuasive language.  <b>Trust by Pie Corbett</b> -alternative endings  <b>Non-fiction:</b> balanced argument  <b>Reading</b>  <b>DERIC Questions –</b> A range of decoding,            explanation, reasoning, inference and            choice questions.</p>	<p style="text-align: center;"><b>Class Text –</b>  <b>Sulius by Pie Corbett</b> - historical story  <b>Non-Fiction:</b> information text  <b>A gift from Winklesea by Helen Cresswell</b> -            Fantasy fiction  <b>Non-fiction</b> explanation text  <b>Reading</b>  <b>DERIC Questions –</b> A range of decoding,            explanation, reasoning, inference and choice            questions.</p>
Maths	<p style="text-align: center;"><b><u>Maths No Problem</u></b>            Numbers to 1000            Addition and subtraction methods            Revise all tables 12 x 12            Multiplication and division methods            Reasoning            Graphs            Fractions</p>	<p style="text-align: center;"><b><u>Maths No Problem</u></b>            Fractions            Time            Calculating with decimals            Money word problems using £ and pence            Volume mass and length            Area of figures            Revise all tables 12 x 12            Reasoning</p>	<p style="text-align: center;"><b><u>Maths No Problem</u></b>            Geometry            Finding and comparing angles in shapes            Position and movement            Roman numerals            Multiplication and division consolidation            Place value consolidation            Reasoning            Consolidate all times tables 12 x 12</p>
	<p><b><u>Working Scientifically</u></b></p> <ul style="list-style-type: none"> <li>• asking relevant questions and using different types of scientific enquiries to answer them</li> <li>• setting up simple practical enquiries, comparative and fair tests</li> <li>• making systematic and careful observations</li> <li>• gathering, recording, classifying and presenting data in a variety of ways to help in answering questions</li> <li>• recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables</li> <li>• reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions</li> </ul>		

Subject	Autumn	Spring	Summer
	<ul style="list-style-type: none"> <li>• using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions</li> <li>• identifying differences, similarities or changes related to simple scientific ideas and processes</li> <li>• using straightforward scientific evidence to answer questions or to support their findings.</li> </ul>		
<b>Science</b>	<p style="text-align: center;"><b><u>Animals, including humans</u></b></p> <ul style="list-style-type: none"> <li>• Name parts of the digestive system and explain their function</li> <li>• Understand how to keep the digestive system healthy</li> <li>• Know the food pyramid and describe a balanced diet</li> </ul> <p style="text-align: center;"><b><u>Sound</u></b></p> <ul style="list-style-type: none"> <li>• Know how sounds are made through vibration</li> <li>• Understand how high and low-pitch sounds are made</li> <li>• Explain how sounds can be damaging and ways to insulate our ears from sounds</li> </ul>	<p style="text-align: center;"><b><u>States of matter</u></b></p> <ul style="list-style-type: none"> <li>• Name the three states of matter and describe the differences</li> <li>• Describe processes used to separate mixtures</li> <li>• Explain how the water cycle works, using key terms</li> </ul> <p style="text-align: center;"><b><u>Electricity</u></b></p> <ul style="list-style-type: none"> <li>• Identify the parts of a basic series circuit</li> <li>• Know how to construct a basic electrical circuit</li> <li>• Explain what makes a good conductor and insulator</li> <li>• Explore how to use electricity safely</li> </ul>	<p style="text-align: center;"><b><u>Living things and their habitats</u></b></p> <ul style="list-style-type: none"> <li>• Know different ways to classify animals</li> <li>• Group animals dependant on their characteristics</li> <li>• Describe the habitats of different animals</li> </ul> <p style="text-align: center;"><b><u>Nature and the Environment</u></b></p> <ul style="list-style-type: none"> <li>• Identify causes and effects of pollution</li> <li>• Explain the impact of pollution on living things</li> <li>• Explore solutions to help reduce negative human impacts on the environment</li> </ul>
<b>Computing</b>	<p style="text-align: center;"><b><u>Online Safety</u></b></p> <p>Safety on the internet and acceptable behaviours online.</p> <p>Using Mathletics and Education city for learning</p> <p>Fact files using Microsoft office – state comparisons in Geography</p>	<p style="text-align: center;"><b><u>Online Safety</u></b></p> <p>Using Mathletics and Education city to support learning</p> <p>Understanding how computers save and use our information</p> <p>Toy designers – computer based toy</p> <p>Programming – How games work?</p>	<p style="text-align: center;"><b><u>Online Safety</u></b></p> <p>Using online learning resources across the curriculum – where is our information saved and how is it used</p> <p>Writing for a target audience - research</p> <p>Film editors – using software</p>
<b>History</b>	<p style="text-align: center;"><b><u>World War 2</u></b></p> <p>What was it like for children of World War 2?</p>	<p style="text-align: center;"><b><u>How did the Romans change Britain?</u></b></p> <p>Roman invasion, Roman numerals, Roman baths, Roman technology</p>	<p style="text-align: center;"><b><u>Anglo Saxons</u></b></p> <p>What was life like in Anglo Saxon Britain?</p>

Subject	Autumn	Spring	Summer
<b>Geography</b>	<p><u>What would we see on a great American road trip?</u></p> <p>Using maps to focus on North America, concentrating on the environmental regions, national parks, key physical and human characteristics, countries, and major cities.</p>	<p><u>Why live in the U.K?</u></p> <p>Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features, and land-use patterns; and understand how some of these aspects have changed over time</p>	<p><u>How does water go around and round?</u></p> <p>Explore the water cycle and describe the process.</p> <p>Explore how a river is formed and the different stages of rivers.</p> <p>Understand the causes of river pollution and the effect pollution has.</p>
<b>Art and design</b>	<p><u>Still life drawing and paint techniques</u></p> <p>Still life drawing in the style of Cynthia Poole Paint techniques of artists Emma Hill and Denzil Forrester</p>	<p><u>Fabric design</u></p> <p>Using a variety of techniques e.g. marbling, silkscreen and cold water paste. Printing on fabrics using tie-dyes or batik. Looking at artist Hia Lian</p>	<p><u>Planning a sculpture</u></p> <p>Based on an artist/designer's work, through drawing and other preparatory work</p> <p>Looking at artists Matt Buckley and Antony Gormley</p>
<b>Design and technology</b>	<p><u>More complex 3D structures</u></p> <p>Build more complex 3D structures and apply knowledge of strengthening techniques to make them stronger or more stable. Create prototypes to show the ideas. Produce step-by-step plans Make careful and precise measurements Make detailed evaluations about existing products</p>	<p><u>Understand how pulley systems work</u></p> <p>Use knowledge of existing products to design a functional and appealing product for a particular propose and audience. Use techniques which require more accuracy to cut shapes, join and finish work</p> <p>Use knowledge of techniques and the function and aesthetic qualities of a wide range of materials to plan how to use them.</p> <p>Consider how existing products and own finished products might be improved and how well they meet the needs of the intended user.</p>	<p><u>Seasonal foods</u></p> <p>Understand and apply the principles of a healthy and varied diet Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</p> <p>Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.</p>

Subject	Autumn	Spring	Summer
<b>Religious Education</b>	What religious book is used and prayer. How is religion represented in artefacts? Recognising symbols. All religions.	How do celebrations bring people together? What is the significance of religious clothing?	When do faiths restrict food and why? Study images of different Gods- compare and discuss.
<b>French</b>	Animals, food and at school:	Play, my home and my town:	Describing people, the body and sport:
<b>Music</b>	Classical Music: Listen with attention to detail and recall sounds with increasing aural memory	Glockenspiel : Exploring and developing playing skills using the glockenspiel.	<b>Lean on me:</b> A Soul/Gospel Song by Bill Withers <b>Blackbird by the Beatles:</b> Focusing on singing, copying and improvising
<b>Physical Education</b>	<b>Dance</b> <b>Gymnastics</b> <b>Team games-Invasion games Hockey</b> <b>Team games-Invasion games Football</b>	<b>Swimming: (Covid dependent)</b>  <b>Team skills: Rugby and Netball</b>	<b>Cricket</b>  <b>Athletics:</b>
<b>PSHE</b>	<b>Dreams and Goals :</b> Aspirations for the future, what can we do in school to help us achieve our goals?  <b>Being me in my world:</b> Learn what makes us unique and embracing our strengths. <b>Mind Up</b>	<b>Healthy Me :</b> Learn what makes a balanced diet and the different categories of food.  <b>Celebrating Differences:</b> Learn what makes us a community in our school and our town. <b>Mind Up</b>	<b>Relationships:</b> Think about our families and the roles everyone has. Understand friendship issues and how to deal with these using the restorative approach. <b>Mind Up</b>
<b>Educational Visits</b>		tbc – subject to Covid regulations	Roman day