



Lowther Primary School – Curriculum Map

Year 6 - Summer Term 2022

Core Curriculum	Wider Curriculum		
<p>Mathematics</p> <p><u>Geometry: Statistics:</u> Illustrate & name parts of circles / diameter & radius / interpret & construct pie charts & line graphs / solve problems / calculate mean as an average</p> <p><u>Geometry: Properties of Shape:</u> Drawing 2D shapes, comparing & classifying, properties of polygons. Recognising angles</p> <p><u>Geometry: Position and Direction:</u> Describing coordinates on a grid, drawing and translating simple shapes, reflecting them in the axis.</p> <p><u>SAT preparation:</u> Test practice in preparation for national tests.</p> <p><u>SAT Exams:</u> Internal sitting of national tests.</p>	<p>Computing</p> <p><u>Computer Science:</u></p> <ul style="list-style-type: none"> Scratch programming exploring shape, angles and directional language. <u>E-Safety</u> Internet phone safety quiz <u>HTML coding</u> Programming using Trinkt 	<p>Science</p> <p><u>Classification:</u></p> <ul style="list-style-type: none"> Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals Give reasons for classifying plants and animals based on specific characteristics 	<p>History</p> <p><u>History of Medicine:</u></p> <ul style="list-style-type: none"> How life expectancy has changed over the past 350 years The causes and effects of the Great Plague Edward Jenner and Smallpox Medical Milestones of the past 200 years
<p>English</p> <p><u>Information Texts: Owls</u></p> <ul style="list-style-type: none"> Researching birds of prey, including owls Taking notes and précising information Evaluating veracity of information retrieved Organising ideas and building cohesion in formal writing <p><u>Reading Comprehensions:</u></p> <ul style="list-style-type: none"> Comprehending information Inferring information about character, setting and plot Evidencing longer written answers by retrieving words and phrases from texts <p><u>Mystery Novel: Skellig:</u></p> <ul style="list-style-type: none"> Identifying how authors engage their reader Visualising character and setting through roleplay Writing for a purpose <p><u>Performing School Production</u></p> <ul style="list-style-type: none"> Exploring character and plot through roleplay Using voices to express emotion and character in role 	<p>Art</p> <ul style="list-style-type: none"> Cyanotype Tie-Dye Jubilee Cards 	<p>Physical Education</p> <ul style="list-style-type: none"> Cricket Bikeability Rounders & Team-building games 	<p>Wider Curriculum</p> <ul style="list-style-type: none"> Barnes Children's Literature Festival – Listening to Sharna Jackson writer of 'High-rise Mystery'. Camping in the grounds
	<p>Design Technology</p> <ul style="list-style-type: none"> Cooking – Parent Dinner Props for the Year 6 Production Microbit: The 'Big Build' - Design and Program a product 	<p>PSHE and PATHS</p> <p><u>PATHS</u></p> <ul style="list-style-type: none"> Dealing with stress and anxiety Conflict resolution Looking back, looking forward <p><u>Relationship & Sex Education</u></p> <ul style="list-style-type: none"> Puberty and changes to our bodies The importance of personal hygiene Sex Education 	<p>Trips & Workshops</p> <ul style="list-style-type: none"> End of term residential trip to the Isle of Wight. Barnes Common Flooding workshop – with Friends of Barnes Common



Lowther Primary School – Curriculum Map

Year 6 - Spring Term 2022

Core Curriculum	Wider Curriculum		
<p>Mathematics</p> <p><u>Number: Decimals:</u> Identifying value to 3dp, / X by 10, 100, 100/ X1 digit by numbers up to 2 dp / written division methods / problem solving and rounding</p> <p><u>Number: Percentages:</u> Solve problems of measures / Recall equivalents between fraction, decimals and percentages in different contexts</p> <p><u>Measurement:</u> Solve problems / calculate and convert using notation up to 3dp</p> <p><u>Number: Algebra:</u> Simple formulae / generate & describe linear number sequences / express missing number problems algebraically / find pairs of numbers with two unknowns / enumerate combinations of 2 variables</p> <p><u>Number: Ratio:</u> Solve problems involving: the relative sizes of 2 quantities / missing values / similar shapes involving scale factor / sharing & grouping using knowledge of fractions & multiples</p> <p><u>Geometry: Statistics:</u> Illustrate & name parts of circles / diameter & radius / interpret & construct pie charts & line graphs / solve problems / calculate mean as an average</p> <p><u>Geometry: Properties of Shape:</u> Drawing 2D shapes, comparing & classifying, properties of polygons. Recognising angles</p> <p><u>Geometry: Position and Direction:</u> Describing coordinates on a grid, drawing and translating simple shapes, reflecting them in the axis.</p> <p><u>SAT preparation:</u> Test practice in preparation for national tests.</p>	<p>Computing</p> <p><u>Computer Science:</u> Physical Programming with Micro:bits exploring movement</p> <p><u>Information Technology</u> Site map & website design build for Natural Disasters topic</p> <p><u>E Safety</u> Critical Thinking Films</p> <p><u>Internet safety Day</u></p>	<p>Science</p> <p><u>Electricity</u> Building series and parallel circuits Using correct symbols to draw circuits Using switches to control circuits</p> <p><u>Circulation</u> Looking at the heart, lungs & blood</p> <p><u>Adaptation & Evolution</u> Recognise fossils provide evidence of evolution Identify adaptations in plants and animals / Recognise inheritance characteristics in offspring</p>	<p>Physical Education</p> <ul style="list-style-type: none"> Hockey Invasion Games Play competitive games, applying principles suitable for attacking and defending Take part in outdoor and adventurous activity challenges both individually and within a team
<p>English</p> <p><u>Information Texts: Volcanoes:</u></p> <ul style="list-style-type: none"> Researching volcanoes and natural disasters Taking notes and precisising information Using different sentence structures to present information Applying technical vocabulary to formal writing <p><u>Adventure Story:</u></p> <ul style="list-style-type: none"> Planning and organising Building suspense through vocabulary and clause structure Writing a dilemma and resolution Using dialogue to advance action and convey character <p><u>Mystery Novel: Skellig:</u></p> <ul style="list-style-type: none"> Identifying how authors engage their reader Visualising character and setting through roleplay Writing for a purpose 	<p>Art</p> <p><u>Collage</u></p> <p>Lowther : A Sense of Place.</p> <ul style="list-style-type: none"> Use drawing and painting techniques to develop and share their ideas and imagination Develop a wide range of art and design techniques in using colour, line, shape and space <p>Using tie-dye to design T-Shirts (linked to Science)</p>	<p>Modern Foreign Languages</p> <p>Italian</p> <ul style="list-style-type: none"> Celebrations & Carnival The Italian Alphabet Colours and Preferences Easter in Italy Singular & Plural Seasons: Days, Months Years Numbers to a Million 	<p>PSHE and PATHS</p> <p><u>Problem solving</u></p> <ul style="list-style-type: none"> Understanding techniques to control anxiety Staying calm under pressure <p><u>Study skills</u></p> <ul style="list-style-type: none"> Being organised Planning ahead Reflecting on personal successes
	<p>Geography</p> <p><u>How do volcanoes affect the lives of people?</u></p> <ul style="list-style-type: none"> What are volcanoes? Where do we find them? How do they help us? How do they affect our lives? How do they help us understand climate change? 	<p>History</p> <p><u>The British Empire</u></p> <ul style="list-style-type: none"> What was the British Empire? Where was it? What is the Commonwealth and why is it important today? The Falklands War The importance of Empire, in particular it's demise. 	<p>Enrichment:</p> <p>Screen Your Story World Book Day Science Week – Growth Storytelling Day Junior Citizens Design Museum Heart, Lungs and Eyeballs! Music: Guitars Lowtherness Live Internet safety Day</p>