



# Lowther Primary School – Curriculum Map

## Year 4 - Autumn Term

Core Curriculum	Wider Curriculum		
<p><b>Mathematics</b></p> <p><u>Number and Place Value</u></p> <ul style="list-style-type: none"> <li>• Rounding to the nearest 10, 100, 1000</li> <li>• Partitioning, ordering and comparing numbers</li> <li>• Negative numbers</li> </ul> <p><u>Addition and Subtraction</u></p> <ul style="list-style-type: none"> <li>• Add and subtract powers of 10</li> <li>• Adding and subtracting 4-digit numbers</li> <li>• Estimation</li> </ul> <p><u>Multiplication and Division</u></p> <ul style="list-style-type: none"> <li>• Multiply and divide by 1, 10 and 100</li> <li>• 3, 6, 9 and 7 times table facts</li> </ul> <p><u>Length and Perimeter</u></p> <ul style="list-style-type: none"> <li>• Perimeter of a rectangle</li> </ul>	<p><b>Art</b></p> <ul style="list-style-type: none"> <li>• Understanding the colour wheel</li> <li>• Developing key painting and drawing skills and techniques.</li> <li>• Creating art using natural resources.</li> </ul>	<p><b>History</b> (History will be taught in Spring Term)</p>	<p><b>Physical Education</b></p> <p><u>Outdoor PE</u></p> <ul style="list-style-type: none"> <li>• Attacking and defending skills applying to tag rugby</li> <li>• Attacking and defending skills applying to hockey</li> </ul> <p><u>Indoor PE</u></p> <ul style="list-style-type: none"> <li>• Movement through dance and agility through Gymnastics</li> </ul>
<p><b>English</b></p> <p><u>Poetry</u></p> <ul style="list-style-type: none"> <li>• POAMS - Personification, Onomatopoeia, Alliteration, Metaphor, Simile</li> <li>• Creating kenning poems</li> </ul> <p><u>Descriptive language (Talk for Writing)</u></p> <ul style="list-style-type: none"> <li>• Expanded noun phrases</li> <li>• Synonyms</li> </ul> <p><u>Non-chronological reports</u></p> <ul style="list-style-type: none"> <li>• Organising paragraphs around a theme</li> <li>• Using organisational devices</li> </ul>	<p><b>Computing</b></p> <ul style="list-style-type: none"> <li>• E-safety, digital footprint and passwords.</li> <li>• Using the internet for research safely.</li> <li>• Using/creating basic programmes (Word/PowerPoint etc)</li> </ul>	<p><b>Modern Foreign Languages</b></p> <p>Italian</p>	<p><b>PSHE and PATHS</b></p> <ul style="list-style-type: none"> <li>• Co-operative learning skills</li> <li>• Self-regulation</li> <li>• Strategies for managing emotions and solving problems</li> </ul>
<p><b>Science</b></p> <p><u>Living Things</u></p> <ul style="list-style-type: none"> <li>• Grouping living creatures in a variety of ways</li> <li>• Exploring and use classification keys to help group, identify and name a variety of living things.</li> <li>• Recognising that environments can change and that this can sometimes pose dangers to living things.</li> <li>• Construct and interpret a variety of food chains, identifying producers, predators and prey.</li> </ul> <p><u>Sound</u></p> <ul style="list-style-type: none"> <li>• Understanding how sound is made and how it travels through gases, liquids and solids.</li> <li>• Learning about pitch and volume.</li> <li>• Designing our own Musical instruments</li> </ul>	<p><b>Design &amp; Technology</b></p> <ul style="list-style-type: none"> <li>• Designing and creating lanterns.</li> <li>• Designing and creating clay leaf bowls.</li> <li>• Taking charge of design decisions and evaluating our own creations.</li> </ul>	<p><b>Music</b></p> <ul style="list-style-type: none"> <li>• Composing for percussion and voice</li> <li>• Flute (Wider Opportunities)</li> <li>• Christmas songs</li> </ul>	<p><b>Religious Education</b></p> <ul style="list-style-type: none"> <li>• Pilgrimages and Special Journeys – Why are these so important in different religions?</li> <li>• How advent and Christmas are celebrated around the world.</li> </ul>
	<p><b>Geography</b></p> <ul style="list-style-type: none"> <li>• Explain the different between weather and climate</li> <li>• Use climate graphs to identify differences in climate since across the UK and world</li> <li>• Use satellite images to identify and explain changes to environments</li> <li>• Explain ways to live more sustainably.</li> </ul>	<p><b>Spelling</b></p> <ul style="list-style-type: none"> <li>• Prefixes and suffixes</li> <li>• Alternative spelling for the some sounds (Hair/hare etc.)</li> <li>• Consolidating High Frequency Words</li> </ul>	<p><b>Trips/ Enrichment</b></p> <ul style="list-style-type: none"> <li>• Roald Dahl Day</li> <li>• Visit to Sky Studios</li> <li>• 'Into the Rainforest'- Themed day</li> </ul>



# Lowther Primary School – Curriculum Map

## Year 4 - Spring Term

### Core Curriculum

### Wider Curriculum

#### Mathematics

**Multiplication and Division:** Children will be developing their knowledge surrounding multiplication fact families, factors and multiples. They will also learn long and short multiplication and division methods.

**Fractions:** Unit and non-unit fractions, finding equivalent fractions, recognising tenths / hundredths

**Decimals:** Ordering and adding decimals, recognising the link between decimals and fractions, re-affirming place value.

#### English

Children will be exploring different forms of poetry, learning how to write in character and producing their own playscript.

We will be focusing this work around the book 'Cloudbusting' by Malorie Blackman.

In guided reading we will be focusing on vocabulary, retrieval, inference, summarising, predicting and explaining skills.

#### Science

Our Science topics for the Spring Term are Electricity, Teeth and the Digestive System. In Electricity we will be looking at sources of electricity, electrical circuits and investigate insulators and conductors. In the Digestive System we will be looking at types of teeth and understanding the journey of food through the digestive system.

#### Art

In Art we will be looking further at different ways to create art, both on and off the page using a variety of materials.

This will include sculpture, marbling and chalk work.

#### Computing

Focus on programming and coding using j2e.

We will also be experimenting with Micro Bits.

#### Design and Technology

We will be looking at electrical systems (Micro Bits), combining our work with our computing and science topic.

Prop making for the Year 4 production.

#### Geography

Not taught this term.

#### History

Invasion – We will be looking at the different groups that Invaded Britain pre-1066 – starting with the Romans

Children will also be looking at timelines and the use of sources.

#### Modern Foreign Languages

Italian

#### Music

Children to learn and perform songs ready for our production.

#### Spelling

Spelling is differentiated into 3 groups with specific focuses.

#### PE

Our indoor P.E. will focus on Gymnastics and flexibility.

Our 'outdoor' P.E. will be Swimming in in the first half term followed by a focus on striking and fielding skills - taught through rounders.

#### PSHE and PATHS

Continuing to follow the PATHS scheme

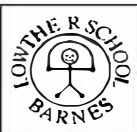
#### RE

What it means to belong to a religion.  
Where do I belong?

Sharing foods as part of religious worship.  
Why is it important to share food?

#### Trips

PGL - Residential Trip  
Roman Day



# Lowther Primary School – Curriculum Map

## Year 4 - Summer Term

Core Curriculum	Wider Curriculum		
<p><b>Mathematics</b>  <b>Decimals:</b> Ordering and adding decimals, recognising the link between decimals and fractions, re-affirming place value.  <b>Money:</b> Converting between pounds and pence, practical application of decimal knowledge  <b>Time:</b> Reading both analogue and digital time accurately and converting between the two.  <b>Statistics:</b> Interpreting and creating charts and line graphs.</p>	<p><b>Art</b>            Mixed Media artwork using photography (Valeria Trasatti)             Development of drawing skills with a focus on tone and technique, and introducing collage.</p>	<p><b>History</b>            Invaders – We will be continuing to look at the different groups that invaded Britain pre-1066 – first the Anglo Saxons and then the Vikings.            As a part of this study, children will also be looking at timelines and the use of sources.</p>	<p><b>PE</b>  <b>Outdoor:</b> Striking and fielding in the application of rounders: Then a consolidation of manipulation skills through the sport of Lacrosse.  <b>Indoor:</b> Gymnastics with a focus on travelling and transitions.            Dance with a focus on collaboration to create a formation to perform</p>
<p><b>English</b>            In depth novel study: <b>Varjak Paw</b>            We will be analysing characters, writing a persuasive letter building on previous skills, creating a newspaper article using quotes and retelling a story from a different character's perspective.             Reading: children will continue with a whole class shared text to rehearse fluency and develop comprehension skills. Small group sessions will focus on individual next steps within the learning journey of readin. Reading for pleasure will continue to be developed using a range of strategies like book tastings, quiet reading time, whole class book time, the use of the class reading journal</p>	<p><b>Computing</b>            Anglo-Saxons &amp; Vikings: research and sharing information through blogs.            Touch Typing            GarageBand</p>	<p><b>Modern Foreign Languages</b>            Italian: Learning about Italian weather and seasons.</p>	<p><b>PSHE and PATHS</b>            Continuing to follow the PATHS scheme             RSE</p>
<p><b>Science</b>            Teeth and the Digestive System; States of Matter            There will also be an increased focus on investigation and encouraging the children to create their own hypotheses and run experiments more independently.</p>	<p><b>Design and Technology</b>            Mechanical Systems – pneumatics.            Children will create a moving sculpture based on our focus text - Varjak Paw.</p>	<p><b>Music</b></p>	<p><b>RE</b>            The differences between special and sacred books. Looking at sacred texts from Christianity, Judaism, Sikhism and Hinduism. What they are, why they're used and how they're handled.</p>
	<p><b>Geography</b>            Our local area.</p>	<p><b>Spelling</b>            Spelling patterns including apostrophes, homophones, suffixes and prefixes. Further consolidation on statutory list words</p>	<p><b>Trips</b>            PGL Residential Trip             Barnes Literature Festival             Leg O Mutton local trip</p>