



# Lowther Primary School – Curriculum Map

## Year 4 - Autumn Term

### Core Curriculum

### Wider Curriculum

#### Mathematics

##### Number and Place Value

- Rounding to the nearest 10, 100, 1000
- Partitioning, ordering and comparing numbers
- Negative numbers

##### Addition and Subtraction

- Add and subtract powers of 10
- Adding and subtracting 4-digit numbers
- Estimation

##### Multiplication and Division

- Multiply and divide by 1, 10 and 100
- 3, 6, 9 and 7 times table facts

##### Length and Perimeter

- Perimeter of a rectangle

#### English

##### Poetry

- POAMS -Personification, Onomatopoeia, Alliteration, Metaphor, Simile
- Creating kenning poems

##### Descriptive language (Talk for Writing)

- Expanded noun phrases
- Synonyms

##### Non-chronological reports

- Organising paragraphs around a theme
- Using organisational devices

#### Science

##### Living Things

- Grouping living creatures in a variety of ways
- Exploring and use classification keys to help group, identify and name a variety of living things .
- Recognising that environments can change and that this can sometimes pose dangers to living things.
- Construct and interpret a variety of food chains, identifying producers, predators and prey.

##### Sound

- Understanding how sound is made and how it travels through gases, liquids and solids.
- Learning about pitch and volume.
- Designing our own Musical instruments

#### Art

- Understanding the colour wheel
- Developing key painting and drawing skills skills and techniques.
- Creating art using natural resources.

#### Computing

- E-safety, digital footprint and passwords.
- Using the internet for research safely.
- Using/ creating basic programmes (Word/PowerPoint etc)

#### Design & Technology

- Designing and creating lanterns.
- Designing and creating clay leaf bowls.
- Taking charge of design decisions and evaluating our own creations.

#### Geography

- Explain the different between weather and climate
- Use climate graphs to identify differences in climate since across the UK and world.
- Use satellite images to identify and explain changes to environments
- Explain ways to live more sustainably.

#### History

(History will be taught in Spring Term)

#### Modern Foreign Languages

##### Italian

#### Music

- Composing for percussion and voice
- Flute (Wider Opportunities)
- Christmas songs

#### Spelling

- Prefixes and suffixes
- Alternative spelling for the same sounds (Hair/hare etc.)
- Consolidating High Frequency Words

#### Physical Education

##### Outdoor PE

- Attacking and defending skills applying to tag rugby
  - Attacking and defending skills applying to hockey
- ##### Indoor PE
- Movement through dance and agility through Gymnastics

#### PSHE and PATHs

- Co-operative learning skills
- Self-regulation
- Strategies for managing emotions and solving problems

#### Religious Education

- Pilgrimages and Special Journeys – Why are these so important in different religions?
- How advent and Christmas are celebrated around the world.

#### Trips/ Enrichment

- Roald Dahl Day
- 'Into the Rainforest'- Themed day
- Natural History Museum