



## Curriculum Information

Spring Term 1

Year 4

### Maths:

**Multiplication and division** – Multiplying and dividing 2-digit and three-digit numbers by a 1-digit number.

**Length and perimeter** – measuring the perimeter of shapes.

**Fractions** – converting, adding and subtracting fractions.

**Decimals** – Recognising decimals up to two decimal places and dividing numbers by 10 and 100.

All children need to learn their times tables and number bonds at home to support their maths

### Geography

#### **Spring 1 – Eastern Europe**

Children will learning about Eastern Europe. They will build on their knowledge of countries, physical and human features of the region.

#### **Spring 2 – Northern Ireland**

Children will build on their understanding of the United Kingdom and will explore Northern Ireland in depth.

### English:

The **children's writing** will focus on:

**Setting description**

**Narratives**

**Narrative sequels**

**Letters**

**Research report**

**Non-chronological report**

Our **key texts** are:

*The Promise* and *Flotsam* for English.

Our **grammar focus** will be:

Figurative and descriptive language

Using a range of punctuation including inverted commas (“ ”)

Accuracy in verb tense and punctuation

### Science

#### **Spring 1 – Ecology**

The children will learn about the seven life processes, food chains, and the impact of human actions on ecosystems including how pollution affects the environment.

#### **Spring 2 – Sound**

The children will learn how sound is created by vibrations and how these vibrations travel through the air to reach our ears.

### Art

**Design** – The children will be analysing Kauffman's paintings and identify the different elements of design.

### DT

**Moving Miniature Playgrounds** - The children will make a moving miniature playground using gear mechanism and electrical circuit.

### PSHE

What is citizenship?

How can I support my community?

### RE

How can significant religious figures inspire us?

Children will learn about famous religious figures who have inspired the world.

How similar is the Gurdwara to school?

Children will learn the features of a Gudwara.

**PE - Gymnastics:** To perform basic gymnastic shapes, jumps, rolls, balances. To balance and jump on and of various apparatus.

**Swimming:** To build water confidence, improve breathing technique and learn basic strokes.

**Basketball:** To improve control of the ball, to travel with the ball, learn to pass the ball.

### Computing

**Creating an alien landscape** - Children will be manipulating and editing images.

**Sounds** – Children will be recording and editing audio.

### Music

**Beethoven 5<sup>th</sup>**- children are introduced to Beethoven and his 5<sup>th</sup> symphony, exploring how it was composed.