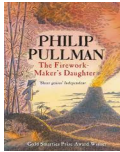


English

In English we will be:

- Reading *The Firework Maker's Daughter* by Philip Pullman
- writing a persuasive letter and designing characters to use in an adventure story based on *The Firework Maker's Daughter*
- using dialogue to convey action and character
- proofreading, editing and improving our work



Maths

We will be learning to:

- use multiplication facts for the 7 and 9 times tables
- exploring different representations of fractions including equivalent fractions
- represent fractions greater than one
- add and subtract fractions with the same denominator



Science

Our science topic is **Electricity**. We will be learning to:

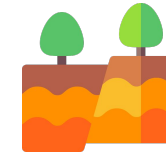
- identify common electrical appliances
- construct a simple series circuit, identifying parts including cells, wires, bulbs, switches and buzzers
- recognise that a switch opens and closes a circuit
- recognise common conductors and insulators



Geography

Our geography topic is **Tectonic Plates**. We will be learning to:

- describe and understand key aspects of mountains, volcanoes and earthquakes
- name the different layers of the Earth and know key features
- explain tectonic plates
- explain why volcanoes and earthquakes happen



Curriculum Information

new wave
federation 

Year 4 - Spring 1

Computing

Our computing topic is **Repetition in Shapes**. We will be learning to:

- design, write and debug programs to control or stimulate physical systems and solve problems
- use sequence, selection and repetition in programs
- explain how simple algorithms work and detect and correct errors



PE

We have a PE lesson every:
Tuesday - 4W and 4D
Friday - 4B

Please wear a PE kit on those days.

The focus of the sessions will be gymnastics and dance.

Swimming will be every:

Monday - 4W
Tuesday - 4B
Thursday - 4D



RE

This term our focus will be on **Sikh Beliefs**.

We will be learning to:

- understand that Sikhs believe in one God and Sikhism is based upon the teachings of Guru Nanak
- identify and name examples of Sikh practices and artefacts that demonstrate the Sikh faith



Design Technology

Our design technology topic is **Pneumatics**. We will be:

- selecting and using appropriate tools to cut and join materials such as tubing, syringes and balloons
- investigate books, videos and products with pneumatic mechanisms
- design, make and evaluate a product with a simple pneumatic mechanism

