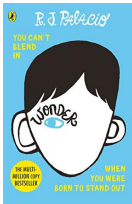## English

In English we will be:
- reading *Wonder* by R.J. Palacio
- developing characters, writing diary entries and first person recounts inspired by *Wonder*
- writing persuasive letters in different formats
- proofreading, editing and publishing our writing

Maths

We will be learning how to:
- read, write, order and compare decimals
- represent, identify, name, write, order and compare fractions
- calculate fractions of amounts
- classify and compare angles
- measure and draw angles
- calculate missing angles

Science

Our science topic is **Earth & Space.** We will be learning how to:
- describe the movement of the Earth and other planets relative to the sun in the solar system
- describe the movement of the moon relative to the Earth
- use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun

Geography

Our geography topic is **Our Natural Planet.** We will be learning to:
- deepen knowledge of the differences between biomes, climate zones and ecosystems
- explore global warming and climate change
- understand actions humans can take to help protect the natural world

Curriculum Information

new wave federation

Year 5 - Spring 1

Computing

Our computing topic will be **Selection in Physical Computing**. We will be learning to:
- use sequence, selection and repetition in programs
- use physical computing to explore the concept of selection through the use of code and a microcontroller
- construct a simple series circuit, identifying and naming its parts

PE

We have a PE lesson every:
Wednesday and Friday - 5W
Thursday and Friday - 5B
Tuesday and Friday - 5D

Please ensure you wear a PE kit on Wednesdays.

The focus of the sessions will be gymnastics.

RE

This term our focus will be on **Celebration and Festivals**
We will be learning to:
- make connections between stories, symbols and beliefs across festivals
- understand the importance of festivals such as Easter Diwali, Eid-ul Fitr and Pesach
- describe similarities and differences between religions

Design Technology

Our design technology topic will be **Cams**. We will be learning to:
- understand that mechanical systems have an input, process and output
- understand how cams can be used to produce different types of movement and change direction
- investigate famous manufacturing and engineering companies