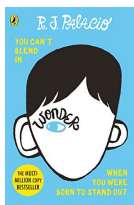


English

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

In 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 topics are **Forces** and **Earth and Space**. We will be learning to:

- describe the forces at work in levers, pulleys and gears
- 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



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

Our PE topics this term are:

gymnastics and **dance**. We will be developing our competence and confidence to perform skills more consistently and use compositional ideas in sequences. We will practise performing a variety of different formations in dance. Please ensure your child wears their PE kit including plain black (or white) trainers on their PE days. PE days can be found on their class timetable on the school website.

PSHE and RE

Our PSHE topic is **Health and Wellbeing**. We will explore how to take responsibility for our own feelings and actions, how to develop good sleep routines and how to plan healthy meals.

Our RE topic is **Celebration and Festivals**. We will be learning to make connections between stories, symbols and beliefs across festivals and understand the importance of different religious festivals.



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

