

## Curriculum Overview

Prepare to become physicists, scientists who love physics, especially **FORCES**. Forces are pushing and pulling at everything in our Universe. Even as we sit in our classroom, the walls and the ceiling are pushing and pulling at each other, while gravity and friction hold us in our seats. This term we study the artist **Jackson Pollock**, we look to Science to inspire our own masterpieces and consider the importance of 'inspiration'.

### English

#### Fiction - The Iron Man by Ted Hughes

We will learn how to use figurative language such as alliteration, similes and metaphors in our writing.

We will be learning how to write character descriptions using rich and varied vocabulary.

#### Non-fiction

We will explore non-chronological reports, conduct research and create non-chronological reports.

### Maths

We will continue to learn about multiplication and division, learning how to use related calculations and multiply and divide a 2-digit by 1-digit number.

We will also learn how to measure in metres, centimetres and millimetres, whilst developing an understanding of equivalent lengths. We will use our prior learning to compare, add and subtract lengths.

We will start to understand what perimeter is and how to measure and calculate perimeter.

### Spelling Spotlight

This term in spellings we will be looking at common exception words from the year 3&4 word list - these are commonly used words and include homophones (words which sound the same but look and mean different things).

### PE day

Our PE day is Wednesday and it is expected that every child has a PE kit in school on this day.

Pupils also need to make sure that they don't have earrings in on these days.

### Reading

We will be focusing on developing our inference skills; exploring the thoughts and feelings of different character. We will also look at the vocabulary of key words and explore the author's choice of words.

### Key Vocabulary

**FORCE** - a force is a push or pull on something that can make it move, stop, speed up, slow down or change shape

**MAGNET** - a special object that uses an invisible force called magnetism to pull or push other magnetic things

**GRAVITY** - is the invisible force that pulls objects toward each other. It's why things fall to the ground when you drop them, and it keeps your feet on the earth.

**REPEL** - To push away from an object **ATTRACT** - To pull towards an object

**FRICITION** - Friction is a special force that happens when two things rub together, it acts like an invisible brake, always slowing things down or stopping them