



Forces and Magnets



Busy Badgers Summer 1 Term 5 2021-22



Science

The overarching topic for this term is the Science unit of Forces and Magnets. Within this scheme of work children will learn about what a magnetic force is and explore which materials are magnetic. They will also learn about the magnetic field, magnetic poles and how they attract and/or repel.

As several children in the class have an interest in Formula 1, we will not only be looking at the forces of friction and gravity but will also explore how air resistance acts on an F1 car and how this impacts their design and performance.

The children's Scientific knowledge will feed through into their **Art and Design** work where they will be sketching F1 cars and designing their own 'Iron Man' with an electronic light up element.

Maths

One of the most important focuses for this term will be preparing the Year 4's for their multiplication tables check (MTC) in June. The children are required to be fluent in their knowledge of times tables up to 12x12. The MTC is an on-screen timed assessment, and we will provide you with more details nearer the time.

We will also be learning about decimals and measures including money, mass, capacity, and temperature. Towards the end of the term, we may also start work on symmetry.

Music

The focus this term will be performance around the theme of food and drink. The children cook up a musical feast exploring a variety of cuisine before celebrating in a song performance.

Literacy

To go alongside our Science work on Forces and Magnets, we will be reading the well renowned book 'The Iron Man' by Ted Hughes. We will explore ways to expand on the already beautiful narrative before moving on to create clear and concise instructions.

Spelling will continue to be taught through 'The Spelling Book' scheme by Jane Considine.

In our grammar lessons on Mondays, we will continue to develop our use of adverbs and prepositions to express time and cause. The children will examine the importance of using an apostrophe to show possession and will extend their range of sentences with more than one clause by making use of a wider range of conjunctions.

History - Famous person study - Sir Isaac Newton

Why is he so famous? What did he discover and how?

Religious Education

In RE we will be following the Understanding Christianity unit on the Kingdom of God and asking the question, 'When Jesus left, what was the impact of Pentecost?'. We will explore how the book of Acts is presented as a history book to explain what happened after Jesus' resurrection. It describes the struggles that the disciples had in deciding how best to spread the messages and lessons that Jesus had taught them, remembering that they had originally come from a Jewish background.

Computing

Following the Rising Stars scheme our unit for this term is 4.1 'We are software developers'. The pupils start by playing and analysing educational computer games, identifying those features that make a game successful. They then plan and design a game, with a clear target audience in mind. They create a working prototype, and then develop it further to add functionality and improve the user interface. They test their game and make any necessary changes.

PE with Pacesetters

The class will be honing their skills in both cricket and rounders with Miss Emma this term.

PSHE

Following the SCARF scheme of work the children will be focussing on rights and responsibilities including how we can help each other to stay safe.

