



Year 3 – Mighty Metals



How mighty are magnets?

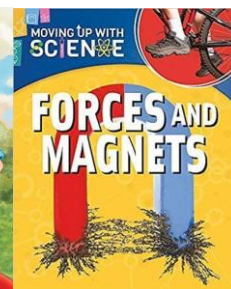
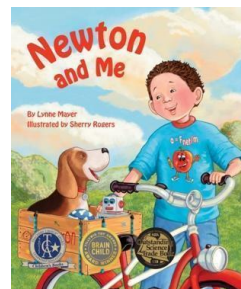
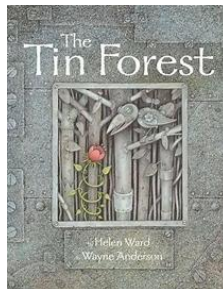
Project Overview

Welcome back to Term 6. We hope you all enjoyed the break and that the children have returned refreshed and ready to learn. Our exciting new project will be 'Mighty Metals', where we will be building on our understanding of the Stone Age history from term 1 and learning about how life in the UK changed during the Bronze Age and Iron Age.

Through investigations and hands on activities the children will be learning about the forces of friction and magnetism and how some forces are 'contact' but others are 'non-contact' forces.

The metallic theme continues in our English lessons where we are exploring the beautiful themes and language in the story 'The Tin Forest' and learning how to write persuasively to encourage visitors to the beautiful forest.

Recommended Books



This Term We Are Learning ...

English	<u>The Tin Forest and other stories</u> In English, we are going to be using the story of The Tin Forest to explore the use of descriptive language and the effect this has on the reader. The children will become more familiar with different word classes and the role these play in our writing. They will continue to use noun, phrases, conjunctions, adverbs and prepositions to express time and cause and will begin to look at rhetorical questions.
Maths	<u>Fractions and Time</u> Children learn to recognize and use unit fractions and non-unit fractions with small denominators. They will practice adding and subtracting fractions with the same denominator within one whole and begin to understand equivalent fractions. We will finish the year by looking at telling the time (to the nearest minute) as well as learning to calculate time durations.
Science	<u>Forces and Magnets</u> We will look at comparing how things move on different surfaces and that some forces need contact between two objects, but magnetic forces can act at a distance. We will also observe how magnets attract or repel each other and attract some materials and not others. Then we will compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.
Religious Education	<u>Does it matter if a story is true or not?</u> The children will explore how the truth can be seen differently based on different experiences. The children will evaluate the effectiveness of proverbs in helping to guide behaviour. Pupils will demonstrate how the ideas in a text can influence your behaviour.
Art and DT	<u>Design Technology – model playgrounds</u> The children will use their knowledge of forces to investigate how playground structures work. The children will investigate ways of making model structures stable, including different joining techniques. In groups they will then design and make their own model playground structures using a variety of materials such as cardboard, lolly sticks and pipecleaners.



MFL	<u>On fait la fête (Celebrations)</u> The children will be learning the months of the year in French and put them in the correct order. They will be learning how to talk and write about their hobbies in French, using their own word banks they have been creating.
History	<u>Bronze and Iron Ages</u> The children will be building on their knowledge of life in the Stone Age to learn about what life was like in Bronze and Iron Age Britain. We will look at archaeological evidence and also make links to the prehistorical history of our local area.
Computing	<u>Ebooks</u> - the children will be using the online software 'book creator' to collaborate and make an information book about an animal. They will learn the skills of inserting and editing text and images to create an appealing and informative page. <u>Programming</u> - children will work in pairs to create an animation. They will use coding and the online software Scratch.
P.E.	<u>Athletics and Rounders (Tuesday/ Thursday)</u> The children will explore all the skills needed to play a successful game of rounders using correct bowling and batting techniques. In athletics, the children will explore a variety of throwing techniques, using equipment such as balls, javelins and shot puts. They will also compete in track events including sprinting and relay.
PSHE	<u>Jigsaw – Changing Me/ RSE (Relationships and Sex Education)</u> The children will learn about how humans and animals undergo many changes from birth to adulthood. They will learn about how babies grow and develop, and they will learn about the changes a boy's and girl's body undergo as they grow up. They will also discuss their thoughts and feelings about moving onto their new classes in September.

How To Help Your Child's Learning

Homework

Reading

We expect the children to read at least 3 times a week, but strongly encourage them to read each night and to record this in their diary, along with a brief comment. This can be done by your child or an adult, or a mixture of both. Please remind your child to hand in their diary one a week on their designated day (see label on diary).

Timestable Rockstars

With an emphasis on developing children's speed in recalling their times table number facts up to the twelve times table, we will continue to formally teach times tables as part of Timestable Rockstars. To support your child's learning they have been provided with a login for Times Tables Rockstars which



can be accessed on a laptop, tablet or mobile phone. Each week, children will be set either a battle or a minimum of 20 minutes garage sessions.

Key Vocabulary

Force Magnet
Metallic Magnetic
Friction Gravity
Attract Repel
Pull Push
Air resistance

Bronze Age Iron Age
Artefacts tools
Evidence AD/BC(BCE)
archaeology

Items Related To Our Project

<https://www.theschoolrun.com/homework-help/magnets>

<https://www.ducksters.com/science/metals.php>

<https://www.dkfindout.com/uk/science/materials/metals/>

<http://www.primaryhomeworkhelp.co.uk/revision/Science/physical.htm>