Mighty Metals

Mighty metals are everywhere! From earrings to rockets, metals have shaped the world we live in today.

This half term, we're going to become fantastic physicists, exploring the world of forces, metals and materials. In our playground, we'll explore the forces that help us to slide and swing. Then, we'll bring toys from home to investigate how they work. We'll look closely at levers and explore how they help us to lift heavy objects. To learn more about forces, we'll make spinners, play with parachutes and make magnetic games. We'll also investigate iron, think about why some metals rust and discover the properties of different metals. Using pots, pans and other metal objects, we'll create wind chimes and iron men. We will use our artistic skills to create embossed patterns and pictures.

At the end of the project, we will answer tricky quiz questions and make fantastic metal jewellery.

ILP focus	**Science**
Science	Forces and magnets
Art & design	Embossed patterns and pictures, making jewellery
Computing	Creating spreadsheets, using presentation software
D&T	Product evaluation, using research to inform design, selecting materials, making vehicles, using electrical circuits
Music	Ukulele
PE	We will be exploring forces and using our muscles to control our bodies in gymnastics. We will have a visiting coach from the Foundation of Light, Miss Wilkinson, to help us with this. Our PE days are Monday and Wednesday. Please come into school in your PE kit for the day. You will need to bring a light blue t-shirt, dark blue shorts and appropriate footwear. Jogging bottoms and a sports top should be worn when the weather is too cold.

Help your child prepare for their project

Metals and magnets are everywhere! Why not do a hunt around the house to see how metal is used? You could also make fridge magnets using a flat magnet, glue and modelling clay or recycled materials. Alternatively, you could build models using blocks or recycled materials and investigate the force needed to knock them over!