

## English

- Choose a favourite toy and write a simple explanatory paragraph about how it works.
- Work in pairs to develop an idea for a piece of play equipment, describing how their apparatus works and the forces it uses.
- Read a range of untitled explanatory texts and decide what they think each text explains.
- Write a list poem 'What did the Iron Man eat?' Edit and improve writing. Use joined handwriting to write a polished copy.
- Write a recount about their learning from this topic.

## Maths

- Number & Place Value
- Addition, Subtraction.
- Reasoning & Problem solving activities.

## Music

- Source old pots, pans, metal dustbins and their lids, pipes and metal sheets and create their own steel band!

## PE

- Use a range of PE equipment to explore forces.

### Invasion Games:

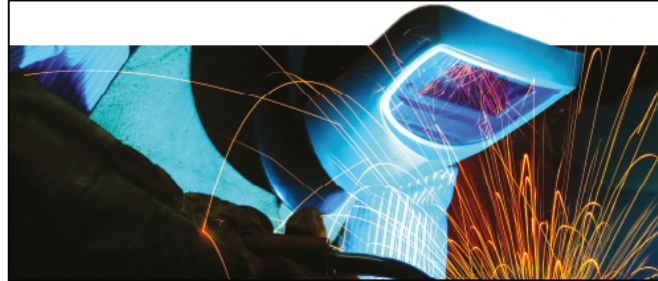
- Bench Ball
- Hoop Ball

**PSHE** - Linked to 'Health & Wellbeing' and taught through regular Circle Time sessions so we will discuss matters that arise.

## Computing

- Create and use a simple data table in spreadsheet software to record their findings from the slide investigation.
- Use PowerPoint to create a presentation all about their Mighty Metals project.

# Mighty Metals



## Term 1

## DT

- Explore levers, their function and everyday uses.
- Play with a large playground parachute, experiencing what happens as they move it up and down.
- Design and make a magnetic travel game.
- Design and make wind chimes.
- Evaluate their companion designs.

## French & RE

- Both will be taught discretely during Term 1

## Science

- Annotate a picture of playground apparatus with words that describe the forces.
- Investigate whether clothing material affects how fast an object can slide down a slide.
- Use their carts to conduct a fair test, investigating the distance the carts travel when released down a slope.
- Find and list 20 different magnetic objects from around the school.
- Investigate the strength of different magnets using force meters, record their results and calculate each magnet's average force.
- Identify and label the north and south poles of a magnet.
- Test a range of magnets to investigate which poles attract and which repel.
- Investigate what happens to tarnished pennies when soaked in water, vinegar, coke, ketchup and lemon juice.
- Make a table to list common materials, their uses and properties.
- Work in mixed teams to take part in a forces quiz.

## Art

- Create embossed patterns using a range of tools on a range of different coloured foils.
- Use wire, metal beads, foils and clasps to make jewellery.

**All topics that will be taught this year have been carefully planned and centred around the 3 I's: \* Intent \* Implementation \* Impact**

*This terms 'Mighty Metals' topic will focus on ensuring that a rich and varied curriculum will be taught (INTENT) and the whole hearted engagement of pupils will be encouraged (IMPLEMENTATION). Through these fun, diverse learning opportunities, children will develop detailed knowledge and skills across the curriculum (IMPACT) helping aid them in their future learning.*