

# Metals and Magnets

## Mr Galazka

**As Geographers** We will be focusing on: Use local town maps to plan a journey for Iron Man. Start the journey from each of their homes locating them on a map (ICT) ending their journey at the Kirkby Stephen scrap yard.

**As Mathematicians** We will be focusing on:

Multiplication and Division

Length and Perimeter

Times tables

**As Artists and Designers,** we will be focusing on:

Creating a robot out of recycled material.

Drawing our robot characters by understanding the different grades of pencil and use them to shade .

**As Scientists** we will:

Notice that some forces need contact between two objects, but magnetic forces can act at a distance –

Observe how magnets attract or repel each other and attract some materials and not others

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

Describe magnets as having two poles -Predict whether two magnets will attract or repel each other, depending on which poles are facing -work scientifically (plan, observe, record, conclude and evaluate)

**As Sports people** This half term the children will be focusing on  
Gymnastics - Tuesday  
Multi Skills – Thursday

**As Historians** We will be focusing on:

History of metals timeline (dated). Link 'silver' to prior learning of Romans (coins). Range and Depth of Historical Knowledge. - After visiting Kirkby Stephen scrap yard begin to re-search its history (history of recycling, link to materials) -

**As writers and readers** We will study the Ted Hughes' fabulous book– The Iron Man.

We will be focusing on

Listening and discussing the book,

Using intonation, tone and volume when reading aloud.

Exploring unfamiliar words in contexts.

Use our knowledge of root words to understand the meaning of new words.

Raising and answering questions during the reading process to deepen understanding.

Drawing inferences around the characters' thoughts, feelings and actions and justify with evidence from the text.

Use point and evidence to structure and justify responses.

Sequence and discuss the main events in a story.

Make and respond to contributions in a variety of group situations – whole class, small groups and talk partners.

We will be focusing on - Subheadings and headings. - Paragraphs - Bullet points to list items. – Aim for all our writing to be joined using horizontal and diagonal strokes We will finally write a recount of the Iron man.