



Computing :
Online Safety - Children will learn what makes a safe password and how to keep passwords safe. They will understand how the internet is used to help us to communicate effectively and create a blog which can be used to help us communicate with a wider audience.
Touch Typing - Children will learn to navigate the keyboard and use the different rows of the keyboard effectively.

Literacy
Writing: Narrative: Writing a 'Journey tale' about their own Iron Man
Non Fiction: Writing a Diary recount about a day in the life of a character from the Iron Man.
Poetry - Writing Limericks
Reading: Core text: 'The Iron Man'

Geography
 Children will use maps - compare and contrast specific areas; focus on topographical maps in regards to settlements.

PE - Unihoc
 Swimming
 Handball

Science - Forces & Magnets
 - Sort and classify items relating to a chosen criteria
 - Set up and carry out some simple comparative investigations, making predictions for what might happen
 - Compare and group materials based on their magnetic properties
 - Investigate and compare a range of magnets

Music
 Ostinato (Stand Alone)
 During this unit students will be introduced to the musical elements of tempo, duration, timbre and pitch. They will use a variety of tuned and untuned percussion instruments as well as their speaking and singing voices, and body percussion.

Art/Design Technology
Identify some of the great designers in different areas of study to generate ideas from their designs.
To understand how key events and individuals in design and technology have helped shape the world
To evaluate their ideas and products against their own design criteria and identify solutions to problems with design or construction.

Maths
Place Value
 Count in Hundreds
 Recognise numbers to 1,000
 Place value - 100s, 10s and 1s
 Use a number line to 1,000
 Find 1, 10, 100 more or less
 Compare and order objects and numbers.
 Count in 50s
Addition and Subtraction
 Add and Subtract 100's, 10s and 1s
 Add and subtract 2 and 3 digits numbers with and without exchanging
 Add and subtract 2 3 digit numbers with exchanging
 Estimate answers
 Use the inverse to check calculations
 Find missing numbers

PSHE
 'Families & Relationships'
 -What makes a good student council representative?
 -Establishing ground rules for PSHE lessons
 - Friendships - conflicts and resolutions

Drama
 Identify different feelings and emotions considering why and what makes us feel a certain way.
 Learning to sharing ideas with others in different ways.

MFL:
Arabic (Natives)
 Reading lessons: Salem, the risk taker/ The origin of writing.
 Introducing prepositions (in - to).
 Revision on blending letters to form simple words. Learn long vowels.
 Pronouns (I - we).
Arabic (MFL)
 Revision time- greetings, colours, numbers, days of the week.- classroom instructions.
French
 Numbers, classroom instructions/ asking and saying how are you.
 Breakfast.
Spanish
 Numbers, classroom instructions/ asking and saying how are you.
 Breakfast.

History
To identify achievements of the earliest civilizations.
 - Children will research information about the Iron Age and use this to create a fact-file.
 - Children will label and build of a model of round house explaining which materials were used and why.
 They will describe what a roundhouse would have been like.
 - Children will create food from the Iron Age and dress likes Celts to have an Iron Age banquet.

Year 3 Topic: *Mighty Metals*

The Big Picture

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 and engineers, exploring the world of forces, metals and materials.

At the 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.

During the topic, we'll have fun investigating where we need to sit to make a seesaw balance. To learn more about forces, we'll make spinners and make magnetic games.

We'll also investigate iron, think about why some metals rust and discover the properties of different metals. Using metal objects, we'll create a metal windchime and use our artistic skills to create embossed patterns and pictures.

This topic the children will be reading the fabulous 'The Iron Man' by Ted Hughes as part of their Guided Reading.

At the end of the project, we will be inventing our own 'Iron Man' Robot for you to come in and see! **Hopefully!!**

How you can help..

We will need some materials so the children can make their 'windchimes and Robots - An email will be sent closer to the time with what materials we may need.

MIGHTY METALS

Trips, Events, Dates

We would love to know if

- you have any suggestions for activities
- have any relevant skills to share or talk to the children about in terms of metals/engineering
- have any suggestions of places the children could visit during the weekends to find out more

