

## Computing

### **Using technology to record information –**

select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

## Art

Drawing, painting and printing.

Pattern forming – Pupils to investigate different methods for creating art through patterns.

Painting – We will be using water colours and learning how to use different techniques.



### **Class: Yellow Mighty Metals Autumn 1**

## Design and Technology

### **Stiff and flexible sheet materials**

Making an Iron Man Model – class display and label

Rocket day! – design, create evaluate rocket to launch

## PE

Outdoor  
Adventurous  
Activities – Team  
Building and  
Problem Solving  
Swimming – KS2

## Music

Composing – We will be exploring composing music in response to animations – recreating background music using different instruments.

## Science Forces and Magnets

Compare how things move on different surfaces

Notice that some forces need contact between 2 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 2 poles

Predict whether 2 magnets will attract or repel each other, depending on which poles are facing

## Literacy – ‘The Iron Man’

Narrative – We will be looking at different examples of narratives and writing to entertain.

Setting and Character  
Descriptions – we will create word banks of adjectives to be able to describe settings in detail.

Poetry – We will be looking at different examples of poetry and writing our own using ‘The Iron Man’ and celebrate Roald Dahl Day.

Shared Reading -  
‘Danny Dingle’s  
Fantastic Finds –  
The Metal Mobile’

## Maths

### **Place Value, Addition and Subtraction**

Formal addition, subtraction, multiplication and division.

Use mental methods for completing addition and subtraction problems.

Use inverse operations to check answers.

Begin to solve problems involving using more than one of the above operations.

## PSHE/RE

PSHE – Mindfulness activities  
ELSA  
CJ’s RESPECT values throughout learning.

RE – What do Hindu’s believe?

## History and Geography

### **History – Significant Individuals – The Tyne Lifeboat**

Give some reasons for some important historical events.  
Make comparisons between aspects of periods of history and the present day.

### **Geography – Local Rivers and Connections**

Know and describe where a variety of places are in relation to physical and human features

Understand why people seek to manage and sustain their environment.

To be able to complete fieldwork and research on local areas.

