

## Year 2 Project Overview

### SCIENCE

We will be naming the materials around us using Ted Hughes', 'The Iron Man' as a stimulus.

We will be describing the properties of a range of materials and exploring how some materials can be changed.

We will be investigating to find out how certain materials are better suited for some things than others.

### DT

We will be exploring winding mechanisms and creating our own system to lift the Iron Man back up the cliff.

### MUSIC

STOMP - junk percussion

### Materials

Autumn 2 2016

### PROJECT HOOK:

Can you piece the Iron Man back together?

### VISITS, VISITORS, THEME DAYS:

Christingle at St Luke's Church  
Wednesday 30<sup>th</sup> November

### HOME LEARNING

We will be celebrating our Iron Man home learning in this half term

### ENGLISH

- Non-chronological Report - The Iron Man
- Story Writing - Robot video stimulus
- Descriptive writing - letters from Santa's workshop

### P4C

We will be considering different feelings and behaviours during anti-bullying week

### COMPUTING

We will be using iPads to take photos of materials from different angles and perspectives before enhancing our photos using different iPad apps.

## ENGLISH

### FOCUS SPELLING RULES:

- words with an **s** sound made by **a** before **e, i** and **y** and **g**
- words with an **n** sound made by **kn** and **gn**,
- common **homophones** e.g. bear and bare, son and sun, night and knight contracted forms of words like can't, don't etc

We will also be learning to spell a number of common exception words that do not follow the spelling patterns we will be learning this year.

**LIBRARY DAY: Thursday**

## MATHEMATICS

Number and Place Value - we will be learning to partition 2 digit numbers into in different ways ( $36 = 20 + 16$ ,  $36 = 10 + 26$ )

Addition and Subtraction - We will be using our partitioning skills to add and subtract using a number line before focussing on different mental methods

Multiplication and Division - we will be learning and rehearsing the 2, 5 and 10 x tables so we can recall them quickly and use them to solve both multiplication and division problems. We will also be linking division to the use of fractions

Shape - we will be naming and describing a range of 2d and 3d shapes using mathematical vocabulary

## IMPORTANT INFORMATION

Reading - It is essential that you read regularly with your child at home. They can change their book each morning.

Spelling - Please help your child to learn their focus spelling rules. Each fortnight we will assess your child through a dictation exercise linked to the spelling rule.

Times Tables and Number Bonds- Please help your child to learn these facts. It is important that they can recall facts rapidly.

## R.E

We will be exploring the concept of Angels at Christmas

## PDL

Anti-Bullying Week  
We will be exploring different types of bullying and how to be a good friend to others.

## P.E.

'Real P.E' - agility, balance and co-ordination  
Invasion Games - hockey and football