

## Science

- In Science this autumn we will begin with some cross-curricular learning, looking at inventions and forces; for example magnets, resistance, pulleys, levers and springs.
- We will also recap our understanding of gravity and we will look briefly at Space travel.
- Finally, we will revise our knowledge of electricity and circuit symbols.
- We will also continue developing our skills when writing hypothesis and planning, carrying out and analysing the results of experiments during Fair Tests.

## Maths

- Class 3 will begin Numeracy this term by recapping our knowledge of Place Value, looking at written methods for addition, subtraction and multiplication with increasingly large numbers, including amounts of money.
- We will also learn more about division and fractions, comparing and ordering fractions, simplifying them and finding equivalents.
- Looking at measures and data, we will recap telling the time to the nearest minute and we will convert between units of measurement, for example minutes to hours and metres to kilometres.
- Finally, we will also continue with our weekly sessions in Problem Solving and Mental Maths, embedding our key Numeracy skills and trying to learn and revise as many times tables as possible.

## RE

- Class 3 will be studying RE with Mrs Ridgeway this term, learning about Growing Up and Rites of Passage and the Christmas story.

## Computing

- In Computing, we will be learning to design, write and debug programs when we design an animated Space Man character using Scratch.
- We will also look at Digital Imagery when we paint a night sky using Textese.
- As usual, we will also be using programs like Microsoft Word and PowerPoint to record and present Topic information.

## History

- This Topic has quite the History focus! We will continue learning about chronology, thinking about our own timelines and also placing inventors and their designs in the correct places on our class timeline.
- Additionally, we will find out about the historical contexts of some inventions, for example the Victorian age of steam power.

## Class 3: Autumn Term 2, 2014 Inventions and Inventors

## Art & D/T

- In Art this term we will continue to learn how to use a sketchbook when we create observational still life drawings of innovative items, looking at shape and texture.
- We will focus on DT when we learn about a range of important inventions, thinking about the design process and how designs are tweaked and improved, for example to be more eco-friendly or to use less energy.
- We will learn about different mechanisms and have a go at making our own.
- Finally, at Christmas time we will use our knowledge of mechanisms to create fun pop-up cards.

## Music

- This autumn, we will continue to take part in whole class music tuition with the Wider Opportunities Programme. We will be learning to play and perform using a string instrument- the violin- which we will be bringing home to practise!

## Languages

- This term we will continue learning Spanish with our specialist language teacher. We will learn to listen attentively and as our vocabulary grows we will show our understanding by joining in and responding during songs, games, conversations and written tasks.

## English

- We will begin Literacy this term with poetry, reading and writing a range of cinquains which use beautiful descriptive imagery.
- We will also use the idea of "Take One Book", where we will read and respond to the language, themes, ideas and illustrations of a single text by Anthony Browne.
- We will also look at some non-fiction this term, researching inventors and writing letters, biographies and recounts.
- Finally, we will also continue to build on our key Literacy skills with regular sessions in Guided Reading, Handwriting, Spelling, Grammar and Phonics.

## Geography

- We will look briefly at human Geography this term when we research different inventors, finding out when and where they lived and linking their circumstances to their inventions.

## PSHE

- During Friendship Week, the whole school will celebrate friendship, taking part in lessons which explore getting on and falling out, creating bracelets, and writing recipes for the perfect friendships.
- Class 3 will also explore the theme of Conflict Resolution.

## PE

- This term we will be learning to use running, jumping, throwing, catching and the principles of attack and defence when we continue to play competitive games with Scott on Mondays. We will improve our strength, flexibility, balance, fitness and team work skills.

## Enrichment Activities

- Barcelona Group will be taking part in Forest Schools- warm, waterproof clothing will be needed on Monday afternoons.
- Class 3 will have the chance to sing together when we take part in a World War II event at Bradwell.
- The whole school will be enjoying a musical Christmas trip to see The Snowman at The Winding Wheel in December.