



Year 3/4 Autumn 1 2017-2018 - Rise of the Robots

English

Key Text - Iron Man by Ted Hughes.
The children will be working on their reading and writing skills using different genres. They will be looking at:

- Newspaper reports
- Letter writing
- Drama
- Poetry
- Planning and writing their own robot story.

Science

Electricity

The children will be looking at identifying electrical gadgets and discussing electrical safety. They will be making their own simple and complex circuits including switches. We will also be looking at conductors of electricity using different materials alongside planning and conducting their own science investigation.

History/Geography/Art/Design

Through our learning journey lessons, we are going to explore the history of robots and where in the world robots are produced. As a class we will discuss the advantages and disadvantages of robots and how they are used in rescue operations. We will look at the artist Eric Joyner to create a piece of robot artwork. To finish, we will have a scrapheap robot wars challenge where the class will design and construct their own robots.

As we begin to approach October, we would like to ask for your help in offering some recycled goods to help create our robots.

Maths

Place Value

We will be considering the value of numbers in 3 & 4 digit numbers. They will look at how to add 1, 10, 100 and 1000s to various amounts alongside ordering numbers using their place value knowledge. Children will be recognising and ordering numbers up to 10,000. They will also be learning to count in different multiples and rounding numbers to the nearest whole 10, 100 and 1000. They will then use this knowledge to solve various problems and challenges.

PE

PE Sessions will be on a Tuesday and Wednesday. Children will be looking at coordinating floor movements and teamwork.

ICT

We are Programmers
Children will be looking at simple coding to create a short animation using Scratch.

PSHE and RE

Being me in my World

We will be considering others feelings and creating a class charter.

RE

Diwali - Hinduism

We will be looking at the Hindu celebration of Diwali.

How you can help your child at home...

Reading: Please read with your child at least 5 times a week and record this in their Reading Record book. This can be a story, newspaper, magazine etc.

Writing: Practise your child's writing skills by looking at their weekly spellings, punctuation and vocabulary such as adjectives and adverbs.

Maths: To practise their times tables regularly and discuss what each digit of a number is worth. Use their knowledge to order numbers and solve problems.