

AutumnTerm

Year 4/5



Curriculum Topic

Out of this World

This term in Year 4/5 our topic is Out of this World.

In our history lessons we will :

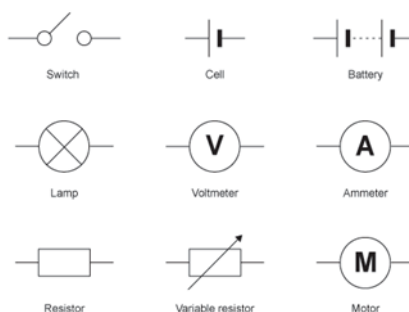
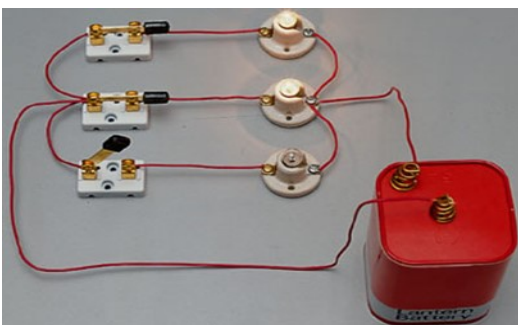
learn about the birth of electricity-inventors and learn about how the everyday lives of people changed after electricity. We will also learn about significant space events.

In our science lessons we will:

learn to construct circuits using a range of components and represent them in schematic drawings. We will find out which materials are good conductors and which are good insulators.

The study of Forces will be a main focus within this topic. We will use this knowledge in our STEM lessons to build rockets. We will also learn about computer programming and coding, and write a program to control traffic lights.

Also we will study the Solar System - the seasons, day and night, phases of the moon and the planets.



In English, we will read and write Sci-Fi stories that raise dilemmas, look at information/instructional texts and continue to develop our grammatical and spelling skills. Our texts this term are *Cosmic* by Frank Cottrell-Boyce and *The Iron Man* by Ted Hughes.

In maths, we will be revising place value, arithmetic skills and times tables. We will also be using written methods to record and explain our reasoning. We will also be reading time to the nearest minute; using am and pm; and calculating time intervals from clocks and timetables.

Other activities

We will look at how electrical items can be recycled safely without causing harm to the environment. In school, we will use green screen to record ourselves in a news magazine style format.

Key Vocabulary

Here is a list of the Key Vocabulary ,linked to their topic ,your child will be using this term. To make sure your child has a good understanding of each word, it would be really helpful to us if you could explore and discuss each word on the list below.

Asteroid

Celestial

Day

Dwarf Planet

Geocentric

Heliocentric

Moon

Night

Orbit

Planet

Rotation

Solar System

Star

Sun