

How can we switch off?

Key States of Being for this Enquiry

Being a Scientist

As Scientists, we will identify common appliances that run on electricity. We will learn to construct a simple series electrical circuit, identifying and naming its basic parts. We will identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery and we will learn to recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights. We will learn to recognise some common conductors and insulators.



Being a Mathematician

As Mathematicians we will continue to develop our understanding of multiplication and division by learning to multiply and divide 2-digit and 3-digit (Year 4) numbers by 1-digit numbers. We will then learn to measure and calculate length and perimeter.



Being a Geographer

Focussing on Human Geography, we will use maps to explore patterns in the use of fossil fuels and sustainable energy sources to produce electricity throughout the world.



Being an Engineer (DT)

Using our knowledge as Scientists, we will design and make a product containing a simple series circuit that has a specific purpose.



Being a Musician

Our theme as Musicians this term is 'Exploring feelings when you play'. We will learn to recognise that sometimes the music we hear highlights the words we are singing and we will explore how this happens through special effects in the music or the specific way the song lyrics make words stand out. We will answer the social question 'How does music connect us with our past?' and we will listen to, appraise and learn to sing and play a variety of well-known songs.



Being an Athlete

Our REAL PE lessons will focus on developing dynamic balance and coordination through ball skills. As Athletes, these skills will link to our Dance focus for this term, where we will be exploring a variety of dance techniques. We will improvise and create dance phrases to represent electrical circuits.



Being an Author/Reader

Our key texts this term will be 'The Iron Man' by Ted Hughes and the non-fiction text 'Science in a Flash – Electricity'. We will be learning to use a range of subordinating conjunctions to write multi-clause sentences and to fronted adverbials. We will write for a range of purposes and audiences including writing an alternative story ending and writing instructional texts to explain how to build a circuit.



Being an Engineer (Computing)

We will be developing our skills using word processing programs including beginning to learn to touch type, changing the font, size and layout and learning how to save and retrieve documents. We will also begin to learn about what databases are and we will create branching databases.

Being a Philosopher (PSHE)

In this unit, we will think about where money comes from and how it can be used. We will discuss how we spend money, why people might need to borrow money and the consequences of this. We will also begin to explore how we can prioritise what we spend money on and what choices we have.



Being a Philosopher (RE)

During Term 3 and 4 we will be exploring the Big Question: What does it mean to be Hindu in Britain today?