

### **Science – Electricity**

- Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on / off position of switches

### **Geography – Migration – Why do people migrate?**

- To consider the processes of migration within the human world
- To understand the effect of migration on people and places
- To interpret data and ask questions
- To develop geographical enquiry skills
- To understand the eight compass points

### **History – Vikings – Lady of Mercia**

- To describe the impact of the first Viking raids and invasions
- To understand how the Vikings link to the rest of the world
- To understand how the Vikings changed as they settled in different parts of the world
- To explain how the Vikings changed England

### **PSHE – Rights, Rules and Responsibilities**

- Be able to state some of the rights in the United Nations Convention and explain why they are important
- Be able to suggest useful ground rules and give examples of what following the rules looks like
- Understand how rights and responsibilities can sometimes cause conflict

### **English**

#### **Writing – Narrative Flashback**

- Link ideas across paragraphs using a range of cohesive devices such as adverbials of time, place and number
- Integrate dialogue to convey character and advance the action, using inverted commas and other punctuation to punctuate direct speech
- Use consistent and correct tense
- Use expanded noun phrases to convey complicated information concisely
- Use passive verbs

#### **Reading**

- Reading books that are structured in different ways and reading for a range of purposes
- Checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context

### **Maths – Place Value and written methods**

- Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit
- Round any whole number
- Multiply multi-digit numbers up to 4 digits by a two-digit whole number and divide numbers up to 4 digits by a two-digit whole number.
- Identify common factors, common multiples and prime numbers.

### **Computing – We Are Toy Makers**

- Compare possible toy designs
- Program the micro:bit to control their toy
- Decompose the toy project into a number of stages
- Identify problems with their toy
- Identify bugs in their program



## **YEAR 6 AUTUMN 1**

**We will be  
learning to...**

### **RE – Islam**

- Identify and explain Muslim beliefs about God, the Prophet and the Holy Qur'an
- Describe and explain ways in which Muslim sources of authority guide Muslim living
- Make clear connections between Muslim beliefs and worship
- Give evidence and examples to show how Muslims put their beliefs into practice in different ways

### **Design & Technology - Electrical**

- Generate, develop and communicate ideas through discussion, annotated sketches and pictorial representations of electrical circuits or circuit diagrams
- Select and assemble materials, and connect electrical components to produce a reliable, functional product.
- Have designed, made, evaluated and modified their product

### **Music – World Unite**

- Exploring beat and syncopation through body percussion
- Developing coordination and rhythm skills
- Performing a rhythmic sequence to a piece of music