



## Curriculum Overview - Bright Sparks

### How has electricity changed our lives?

Whether we are driving around in our cars, working, or relaxing at home, we are turning on lights, music, TV, radio, computers and mobile phones. We are plugged into sound and light 24 hours a day. But, what is the science behind sound and light? As Scientists, we will investigate insulators and conductors and learn how to conduct a fair test to extend and develop our understanding of electricity. In DT we will be researching, planning, designing and evaluating games involving electrical components and also musical instruments.

#### English

During our English and writing lessons, we will explore the text 'The Firework Maker's Daughter' where we will unpick the features of the text and explore the author's choices. We will use these skills to create our own character profiles, as well as write an adventure story. As a focus on non-fiction text, we will plan and write our own non-chronological report.

#### Maths

Our maths lessons will involve developing our confidence in understanding multiplication and division ( $\times$  and  $\div$ ). This will include ensuring that we are confident in a range of times table facts. We will also explore area, making shapes and comparing the area of shapes. Please continue to practise times tables at home with your children.

#### SPELLING SPOTLIGHT -

Throughout the term, we will be focusing on suffixes and how the endings of words change when we add a suffix. We will focus on 'shun' sounds spelt tion, sion, ssion, cian

Please continue to practice these spellings at home with your children.

#### Key Dates -

04.11.24 - Start of Term 2  
06.11.24 - Term 2 Swimming starts  
13.11.24 & 14.11.24 - Parents Evening  
17.12.24 Learning Landing 2.30pm - parents are invited into our classroom  
20.12.24 - Last Day of Term 2  
06.01.25 - Start of Term 3

#### Key Vocabulary -

**Conductor** - A material which allows the flow of electricity through it.

**Insulator** - A material which will not allow electricity to flow through it.

**Electrical Appliance** - An item which uses electricity.

**Circuit** - The connecting of different electrical elements.

**Renewable electricity sources** - A natural resource which can be replenished.

**Non-Renewable electricity sources** - A natural resource which cannot be replenished.