

Bright Sparks - Year 4

Bright Sparks

Successful Learners

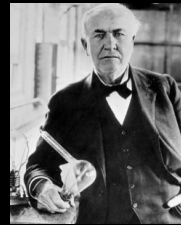
Areas of Learning

As historians, we will be finding out about the history of the light bulb and some of the important scientists involved in electricity.

As scientists, we will be learning about different aspects of electricity and making circuits.

As design technologists, we will be using our scientific skills to help us design and make a lighthouse with a working light.

As sports people, we will be developing flexibility, strength,



Learning Skills

- This half term, we will **CAPTURE** learning by focusing on reflecting:
- When researching we will focus on only selecting the most relevant information
 - We will use our imagination to ask questions about the world around us.
 - We will seek and set goals, as well as planning for improvement.

Life Skills

- Our focus will be **Friendship**:
- We will understand what is right and wrong behaviour
 - We will learn how to resolve conflicts amicably
 - We will reflect on the effect of our behavior on others
 - We will understand what bullying is and what we can do about

Values

This half term we will be exploring what happens when relationships are damaged. We will be delving deeper into our values to understand how relationships can be repaired, but also how other's actions can cause long lasting hurt, especially bullying.

Wray Common Citizens

- As Wray Common Citizens:
- We will be seeking solutions to save electricity.
 - We will be finding out how electricity is made around the world
 - We will help to raise money for the Wray Common community at the Christmas Fair.

Bright Sparks - Year 4

Key Skills

English

As writers, we will:

- Understand how to create a mood in our writing by choosing particular words, phrases and sentence types—using planning skills to prepare.
- Continue to focus on starting our sentences in different ways.
- Refine our use of punctuation.
- Using cause and effect conjunctions correctly to write explanation texts.

Maths

As mathematicians, we will:

- Consolidate last half term's knowledge of number, addition and subtraction written methods.
- Apply our knowledge of addition and subtraction to worded problems.
- Extend our multiplication and related division fact knowledge.
- Refine and develop multiplication and division calculation strategies.

PE

In Gymnastics we will:

- Develop flexibility, strength, technique control and balance.
- Compare performances and improve.
- Compete when performing.

Science

- We will be carrying out investigations of an investigation and record results.
- We will suggest ways to collect evidence.
- We will collaborate to identify an area of electricity that we can investigate.
- We will predict the outcomes of an investigation and record results.
- We will decide on the most appropriate scientific equipment to use.
- We will record our observations and findings in different ways.

DT

- We will design and make products and packaging to meet specific needs.
- We will identify and implement improvements to designs.
- We will be able to suggest improvements to products in everyday use.

Computing

- We will be building on a range of word processing skills and allowing children to choose and develop originality in their work.

History

- We will be able to give reasons for particular events and changes.
- We will be able to gather information from simple sources.

RE

- We will find out what Christians believe God is like.
- We will research how artists can help us understand the true meaning of Christmas.