

Lightbulb Moments!

The children will:

English:

- During this topic, the children will be looking at, researching and creating their own biographies about Thomas Edison, the inventor of the first light bulb.
- The children will be reading and understanding texts linked to electricity, light and inventors.

Mathematics:

- The children are learning about time – how to read analogue and digital clocks as well as converting between different units of measuring time.
- The children will be learning about angles and movement on a grid.
- The children will also be recapping their division skills.

RSE:

- The children will be able to judge what kind of physical behaviours and contact are acceptable and unacceptable and ways to respond.
- The children will understand that adults can separate/ divorce and that it can be a difficult time.

Science:

- The children will construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- The children 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
- The children will recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- The children will recognise some common conductors and insulators, and associate metals with being good conductors

Design and Technology:

- The children will gather information about needs and wants and develop design criteria to inform the design of products that are fit for purpose, aimed at particular individuals
- Design, create and evaluate their own functioning nightlights which include an electrical system

French:

- The children will revise ways to describe people, their nationality and their characteristics.

Physical Education:

- *Learn various athletics events*
- *Real PE (Cognitive Skills)*