

Lighting It Up

## In our writing we will be…

* Writing a **biography** of an inventor from the past (Thomas Edison).
* Writing **poems** that use metaphors and similes.
* Practising our writing skills:
* Using figurative language such as similes and metaphors.
* Selecting precise vocabulary and synonyms for effect.
* Varying our sentence structures.
* Applying all the punctuation we have learnt.
* Using a range of cohesive devices to achieve flow and cohesion.
* Using the appropriate genre features and showing an awareness of the reader.
* Developing our skills of **planning** and structuring our writing into paragraphs.
* Developing our skills of **self-editing** and peer-editing.

## In our reading we will be…

* Reading examples of biographies. We will also read poems using figurative language.
* Analysing, evaluating and identifying grammar, punctuation and vocabulary features in a text.
* Making summaries of texts that we have read.
* Answering comprehension questions about our reading, covering factual recall, impact appraisal and inference.

## We will also be…

* Understanding and applying a range of punctuation.
* Understanding a range of tenses.
* Spelling homophones, plurals and building on our knowledge of prefixes and suffixes.

## In Mathematics we will be…

* Partitioning and rounding numbers in different ways to help with mental calculations.
* Geometry: Drawing given angles, using angles to understand properties of regular and irregular polygons including the different types of triangles and their names.
* Geometry: Estimating and comparing acute, obtuse and reflex angles. Learning that angles around a point (one complete turn) are equivalent to 360°.
* Measure: Measuring, comparing and converting between units of length (km, m, cm and mm).
* Measure: Calculating, counting and measuring to find volumes and finding the perimeter and area of compound rectilinear shapes.
* Measure: Converting a variety of units of time (e.g. weeks to years). Converting between digital and analogue time. Calculating time durations.
* Revising methods for addition, subtraction, multiplication and division and solve reasoning problems involving all four operations.
* Recognising equivalent fractions through the multiplicative relationship of the denominators; Y5 only multiplying proper fractions and mixed numbers by integers. Solving problems involving fractions, decimals (percentages Y5).
* Statistics: Understanding time graphs (story graphs), interpreting and constructing line graphs that tell a story over time (e.g. of a journey). Y5 only – interpreting pie charts.

## In Science we will be…

* Learning about light and electricity.

## In Art we will be…

* Creating prints using blocks and designing prints for a bedside lampshade.

## In Design Technology we will be…

* Using our technical knowledge to understand electrical systems.
* Designing, making and evaluating a bedside lamp.

## In PSHCE we will be…

## Learning about the wider world and the future including the world of work and understanding money.

## In French we will be…

## Learning vocabulary linked to transport (Rigolo 2 Les Transports).

##  In Music we will be…

## Looking at song writing (pitch and structure)

## In RE we will be…

## Understanding the rituals of Ramadan and Eid-ul-Fitr.

## In PE we will be…

* Developing our striking and fielding skills in rounders and cricket.
* Developing our athletic skills.

## In Computing we will be…

* Using data loggers to monitor light.
* Using art packages to produce pictures and create digital images.

Topic words for this term:

*-Light: light source, dark, reflect, reflective, mirror, shadow, block, absorb, direct/ direction, transparent, opaque, translucent, straight, rainbow, colours, etc.*

*-Inventors and Inventions: inspiration, product, services, resources, patent, innovation, inquiry, communication, electricity, automobile, telegraph, telephone, refrigerator*