

**Light**

## In English, we will be…

* Reading and analysing a range of non-chronological reports.
* Reading a range of biographies on famous inventors.
* Exploring non-chronological reports and biographies with a focus on:
  + Writing for a purpose and awareness of the reader.
  + Using correct genre features.
  + Using correct punctuation and understanding how to use commas for clarity and effect.
  + Using formal language.
  + Using a variety of sentence structures including parentheses, relative clauses (Y5) and securing our ability to group relevant ideas together to form purposeful paragraphs (Y4).
  + Using a variety of sentence starters and cohesive devices including conjunctions and adverbials.
* Developing our skills of planning, self-editing and evaluation.

## In our ‘English Grammar, Punctuation and Spelling’, we will be…

* Practising Y4 and Y5 spellings words.
* Spellings words with different prefixes, suffixes and identifying the root word.
* Revising verb tenses (simple, progressive and perfect forms), parentheses punctuation, adverbials, hyphens and clauses.
* Learning about using apostrophes for contractions and possession and understanding plurals.
* Reviewing our learning of punctuation including commas to clarify meaning or avoid ambiguity, the different word classes, noun phrases for concision and the use of hyphens to avoid ambiguity.

## In Mathematics, we will be…

* **Calculations and problem solving:** practising mental strategies; securing formal written methods for all four operations; using the RICE (Read/Reflect/Record, Illustrate, Calculate/Check and Explain) strategies for solving methods, using the CPA approach (Concrete, Pictorial, Abstract) to solve problems and using models to reason appropriately.
* **Place Value:** solving Roman numerals problems,identifying and completing sequences and applying all place value skills.
* **Statistics:** Revising Venn and Carroll diagrams - exploring data and representing data; understanding, interpreting, and constructing line graphs (introduced to Y4).
* **Measure:** Solving time and timetable problems.

## In Science, we will be…

* Learning about light including light sources, reflectors and mirrors, shadows, how we see and light through water.

## In PE, we will be…

* Practising our striking and fielding skills when playing cricket (with Mr Bint).
* Focusing on athletics skills.

## In DT, we will be…

* Designing, experimenting, making and evaluating a bedside lamp using an electrical system.

## In PSHCE, we will be…

* Completing our ‘keeping safe’ unit.
* Learning about our future and the world of work (to continue in Summer 2).

In Music, we will be…

## Learning to play the Ukulele and staring to learn the songs for our End of Year Production (with Mrs Rennison).

## In RE, we will be…

* Understanding the significance of rituals for Muslims during the festivals of Ramadan and Eid-ul-Fitr.

## In Computing, we will be…

* Using an art program to explore a range of techniques to create desired effects.

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

**DT and Science vocabulary:**

*electricity, mains, battery, power source, circuit, lamp, wire, crocodile clips, resistor, insulator, cell, motor, conductor, insulator, switch, battery, buzzer, series, parallel, voltage, current, etc.*