**Electricity**

## 

## In English writing, we will be…

* Practicing our writing skills by:
* Reading a range of fiction and non-fiction texts linked to inventions and writing a newspaper report to inform of a new invention.
* Using digital and written texts to drive our writing – *The Alchemist’s Letter & Leon and the Place Between*.
* Creating biographies of famous scientists and inventors.
* ALL – revising our knowledge and use of reported and direct speech.
* Y5 – Using commas for clarity. Using a range of devices to create cohesion across our writing.
* Y6 – Using the prefixes (dis, de, mis, over, re). Applying suffixes to converting nouns into adjectives using ate, ise, ify. Revision of a range of EGPS skills.

In English reading, we will be…

* Exploring and analysing a range of non-fiction texts to research inventors and scientists.
* Sharing in group reading of Leon and the Place Between to practice our oracy skills.
* Examining and evaluating the features of newspaper articles – both in print and digital.
* Using the different ‘Reading Roles’ to help us answer comprehension questions.

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

* Reviewing our previous learning including word classes.
* **Y5** learning how to apply the prefixes un-, de-, dis- and mis-.
* **Y6** revising spelling rules.
* Practising **Y5/6** spelling words: accommodate, appreciate, exaggerate, criticise (critic + ise), desperate, environment,

equip (–ped, –ment, government, parliament

In Mathematics, we will be…

* **Place Value:**  reinforcing our knowledge of multiplication and division through our understanding of factors, multiples, prime, square and cube numbers and our ability to reason and problem solve.
* **Fractions: Y6** – revising and applying our knowledge of working with fractions and all four operations using real-life contexts.
* **Geometry:** **Y5** – extending our knowledge of coordinates in the first quadrant and linking this to reflection and translation of regular and irregular polygons.
* **All 4 operations/problem solving:** thinking flexibly and applying different approaches by breaking down problems into a set of smaller steps. Solving addition and subtraction multi-step problems linked to statistics.

**Y6** – to include expressing problems algebraically.

In Geography, we will be…

## Through our study of the human and physical geography of Central and Greater London we will locate and name a range of significant sites and landmarks using maps, atlases, globes and digital/computer mapping. We will be able to identify human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time.

## In PSHCE, we will be…

## Exploring issues surrounding protected characteristics and discrimination. I

## Identifying and discussing similarities and differences between different people whilst understanding the need to respect everyone, even if we disagree with their opinions,

## In French, we will be…

* Saying what we and others do during a range of leisure activities.

## In Music, we will be…

## Learning songs in preparation for the KS2 Performance.

## Rehearsing and performing simple songs in an ensemble with accuracy, fluency, control and expression.

## In RE, we will be…

* exploring ways in which Hindus remember good and evil in the story and celebrations of Diwali.

## In PE, we will be…

* Progressing our skills for a arrange of athletics activities with a focus on self-challenge and improvement.
* Identifying and discussing strategies within the game of cricket to develop our game as an individual and as a team.

## In Computing, we will be…

* Using a variety of different digital tools to develop and test quizzes for a range of audiences.

## In Science, we will be…

* Revising our understanding of what electricity is, how it is created and delivered to where it is needed and its many uses in the modern world.
* Working with a range of components to develop a range of circuits which will link to our DT project.

## In Design Technology, we will be…

* Planning, designing, creating, testing and evaluating games containing electrical components.

This term’s vocabulary will be…

Current, electrons, voltage, battery, switch, filament, static electricity, resistance, insulator, conductor, circuit, cell.