

English

This half term we will be writing our own narrative set in a world without electricity. We will use expanded noun phrases and fronted adverbials to describe a setting, use similes to describe characters, use prepositions, powerful verbs in past tense and pronouns to express time for cohesion to improve the plot. We will also learn to write a range of poetry such as free verse, calligram, and an acrostic poem.

Maths

We will double and halve 3-digit numbers and revise unit fractions. We will learn about place value in decimals and the relationship between tenths and decimals; add two 4-digit numbers; practise written and mental addition methods. We will convert multiples of 100g into kilograms; read scales to the nearest 100ml; estimate capacities; draw bar charts and record and interpret information. We will round 4-digit numbers to the nearest: 10, 100 and 1000 and use the grid method to multiply 3-digit by single-digit numbers.

Science

This half term we are learning about electricity. We will identify common appliances that run on electricity, identify and name a basic part in a series of circuits, such as cells, wires, bulbs, switches and buzzers. We will construct a simple series electric circuit and recognise that a switch opens and closes a circuit.



Garfield Primary School



Topic

As part of our topic based around Science and DT we will look at the importance of electricity by creating a light product based on a simple circuit. We will create and design a product where we will produce a plan and explain to others how it works. We will show a good level of expertise when using a range of tools and equipment in order to make and construct our product. We will begin to explain and evaluate how our product works and then consider how we could have improved it.

Curriculum Newsletter

Year 4 Autumn 2

What would our world be without electricity?

Enrichment: The Science Museum

PE: Basketball & Dance

Homework: Weekly spellings, English & maths

RE

This half-term we are studying Hinduism. We will make connections between Hindu belief in one God and the diverse forms in which God is worshipped.

PSHE

We will learn about being safe and what sort of boundaries are appropriate in friendships with peers and others.

French

We will learn and use words relating to the classroom.

Computing

Exploring the tools of Google Docs by creating an information fact file on electricity.

Music

Children will be learning how to sing songs linked to our topic.

Suggested books to read

The Boy who Harnessed the Wind by William Kamkwamba & Bryan Mealer

The Unlikely Time Traveller by Janis Makcay

Little Guides to Great Lives by Stephen Hawking

Oscar and the Bird by Geoff Waring

Suggested places to visit

Science Museum

The Faraday Museum

Suggested websites to visit

<https://www.rigb.org/visit-us/faraday-mhttps://tripmemos.com/science-london/museum>