



# YEAR 4 PARENT PLANNER - SPRING 2025



The Black Pear Trust

## KNOW MORE

### Vital vocabulary

electricity, cell, circuit, series, bulb, conductor, battery (more than 1 cell), insulator, complete circuit, switches, wires, buzzers, motor.

Equator, North America, South America, Mexico, Guatemala, Chile, Bolivia, peninsula, plate tectonics, plate margins, crust, volcanoes, magma, lava, ash, mountain, active, dormant, ash flow, constructive, divergent, volcanic, eruptions, summit, vent, crater, erosion.

Mixed media, multimedia, combination, layer, theme, cubist, inspiration, montage,

## REMEMBER MORE

### Quality questions

What is a conductor? What is an insulator?

What would life be like without electricity?

How does a lightbulb work?

How are volcanoes formed?

How do volcanoes affect people around the world?

What is the Pacific Ring of Fire?

How can we use different media to create a collage?

## EXPERIENCE MORE

### Marvellous memories

Watch this clip [What is electricity? - BBC Bitesize](#)

Create a circuit using a lemon - [How to Make a Lemon Battery | Science project | Education.com](#)

Construct a model of a volcano.

[Simple experiment: A foaming volcano from baking soda and vinegar - YouTube](#)

### People and places

Find out about...

Can you find out what the scientist **Thomas Edison** is famous for?

Use Google Earth to discover a volcano in a different country.

Create a piece of art in the style of David Wightman. Compare to Eric Carle.

### Reliable reading

Further reading you can do:

*'You wouldn't want to live without Electricity'*  
by Ian Graham

*'Oscar and the bird a book about electricity'*  
by Geoff Warring

### Rewarding research

Use BBC Bitesize to discover all about electricity.

[Electricity - 2nd level Science - BBC Bitesize](#)

Play Hit the Button to practice your times tables!

[Hit the Button - Quick fire maths practise for 6-](#)



$$2+2=4$$



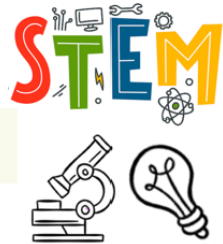


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KNOW MORE

Around the World  
REMEMBER MORE

EXPERIENCE MORE

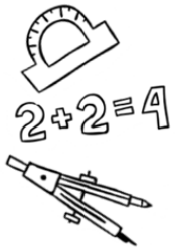


As scientists this term...

- Identify common appliances that run on electricity
- Construct a simple series electrical circuit
- Recognise some common conductors and insulators
- Recognise how a switch works

As mathematicians this term we will...

- Becoming more confident with our use of division and understanding of different problems.
- Investigating fractions, including equivalent fractions, ordering and comparing fractions, representing fractions, adding and subtracting fractions.
- We will also be revisiting our learning from Autumn term.



In P.E. this term...

Become skilled in different movements including running, jumping, throwing, catching as well as developing balance, agility and co-ordination within multi-skill lessons.

This term, we will discover...

- Where countries that border the Ring of Fire are located.
- How volcanoes are formed and the role of plate tectonics.
- Where the equator, northern & southern hemispheres are.
- About the work of Eric Carle and David Wightman.
- How we can use layers to build up a picture.
- How media can be used as a montage

As writers this term we will ...

- Be writing for a range of purposes and audiences.
- Using a range of sentence structures.
- Using a range of language, ensuring we are making effective word choices using a thesaurus, if needed.



For our well being...

We will explore:

We will be considering our health and wellbeing

We will also consider how to remain safe online by identifying trusted sources of information and being aware of what we shouldn't share online.



As readers this term...

We will be reading:

We will be using a range of expert tips to explore fiction and non-fiction texts. We will navigate a variety of texts to retrieve information and will predict and explain what might happen in a text referring to events which have already taken place.

