



YEAR 4

KNOW MORE

Parent Planner - Spring term

REMEMBER MORE

EXPERIENCE MORE



The Black
Pear Trust

Vital vocabulary

DT—Shell structure, frame, free standing, support, brace, strengthen, withstand, tectonic, stability

Science— pitch, vibration, source, sound, volume,

History— ancient, B.C/A.D, BCE/CE, archaeology, artefact, settlement/settle, century, hieroglyphics, Gods/Goddesses, trade

PE— north, south, east, west, direction, orienteering, symbols, movement, control. Co-ordination, awareness

Quality questions

How is chocolate made?

How does sound travel?

How can you make a structure stronger?

What maps can you use at home?

Why is it important to warm up and cool down before exercising?

Marvellous memories

Take a visit to Cadbury World to discover more about the Ancient Mayans.

Design and make a building to house an alarm system.

Make a telephone out of tin cans and a piece of string.

Use a map to explore your local area.

People and places

Can you find out what the scientist Ernst Mach is famous for?

What can you discover about Ancient Maya?

Create a piece of art in the style of Keith Haring.

Reliable reading

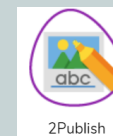
'Oscar and the bird a book about electricity' by Geoff Warring

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

Rewarding research

Research the Ancient Mayans and create a poster on Purple Mash. [Mayan Facts For Kids](#) | [Who Were The Mayans?](#) | [DK Find Out](#)

Use Purple Mash to keep up to date with multiplication practice.



This term's theme:

Those who came before us





YEAR 4 Parent Planner - Spring Term

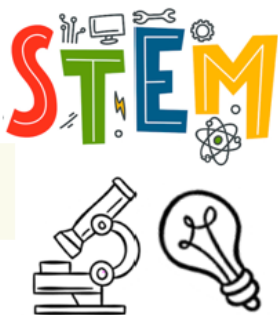
KNOW MORE

REMEMBER MORE

EXPERIENCE MORE



The Black Pear Trust



As scientists and engineers this term...

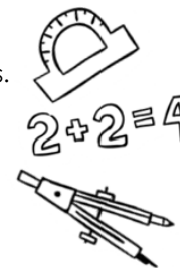
We will:

- Design a prototype which contains electrical systems.
- Create simple 3D free standing and shell structures to act as volcano warning systems.
- Evaluate suitability of materials used and methods of production and explain how design choices have been adapted.
- In science, we will learn how sound is created. We will also be exploring how pitch and volume can be altered.

As mathematicians this term...

We will:

- Recognise tenths and read them as decimals.
- Review all four formal methods to solve a variety of reasoning problems.
- Using our place value knowledge to multiply and divide by 10, 100 and 1000.



In P.E. this term...

We will be exploring Outdoor Adventurous Activities where we will choose learnt skills to approach a variety of challenges and investigate how we can work effectively as part of a team.

We will continue to deepen our understanding of gymnastics with how we can perform, apply skills and techniques with control and accuracy, moving with clarity, fluency and expression.

This term, we will discover...

This term we will be learning about the Mayans.

We will be learning how the gods influenced the way in which the Mayans lived their lives. We will also be learning about the Mayan hierarchy and how farming developed.

As writers this term...

We will be writing

- For a range of purposes and audiences, including to entertain, persuade and inform.
- Using a range of sentence structures. This will include using mult clause sentences and varying the positions of phrases within sentences.
- Using a range of language, ensuring we are making effective word choices using a thesaurus, if needed.



For our well being...

We will learn how our choices make a difference to others and the environment. We will explore what a community is and how we are parts of different communities. We will explore and explain about the different groups that make up and contribute to a community.



As historians we will be extracting information from a variety of sources and comparing two key historians.



As readers this term...

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.

We will be reading texts by Ted Hughes and Roald Dahl.

