



Year 5 Parent Planner - Spring 2023



The Black Pear Trust

KNOW MORE

Vital vocabulary

North America, South America, volcanoes, mountain ranges, earthquakes, ring of fire, natural disasters. Mount St Helens, Cascade Range, Cotopaxi, Ecuador, Andes

Orbit, axis, rotate, hemisphere, seasons, planet, phases, Solar System, galaxy, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune

REMEMBER MORE

Quality questions

How does a volcano erupt?

How is a volcano formed?

Why do people live near Volcanoes?

How do we get day/night and the seasons?

Why do we see different shapes of the moon each night?

What are the other planets in our Solar System?

How do we explore space?

EXPERIENCE MORE

Marvellous memories

Create a sun dial to show the Earth moves around the Sun.

Create a model of the Solar System.

Go out to observe the stars in the night sky.

Create a diary to note the different phases of the Moon each night.

Design a building which would withstand the tremors of an earthquake.

People and places

Find out about these key figures:

Neil Armstrong

Elon Musk

Valentina Tereshkova

Places to go and visit:

Visit somewhere away from the city lights and observe the stars.

Reliable reading

We will be looking at:

Information texts on Volcanoes and Space.

Further reading:

Fiction and non-fiction texts

linked to any of our topics

Rewarding research

National geographic: <https://www.natgeokids.com/uk/>

[Space Primary Resources | National Geographic Kids \(natgeokids.com\)](https://www.natgeokids.com/)

<https://www.bbc.co.uk/bitesize>

This term's theme:

Around the World





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As scientists and engineers this term...

We will learn about:

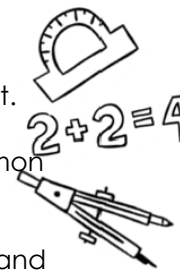
- The movement of the Earth and how we get night and day.
- The hemispheres and the Earth's orbit around the Sun and how this creates seasons.
- The phases of the Moon and its orbit around Earth.
- The planets in our Solar System.
- Space exploration and key scientists who have influenced our knowledge of space.



As mathematicians this term...

We will learn:

- How to find a fraction of a shape and amount.
- How to compare and order fractions.
- How to add and subtract fractions with common and uncommon denominators.
- How to multiply fractions by whole numbers.
- How to convert between fractions, decimals and percentages.



In P.E. this term...

We will be doing dancing and gymnastics.

We will also be continuing our Daily Mile and exercise.



This term, we will discover...

What volcanoes and mountains are and how they are formed.

Where they are found in the world and their link to tectonic plates.

Where in the world we can discover volcanoes and mountains including Mount St. Helens and Cotopaxi.

Name and locating volcanoes, earthquakes, etc. in North and South America (incl. Mount St Helens – stratovolcano in USA Washington, Cotopaxi, Ecuador).



As writers this term...

We will be learning about linking ideas across paragraphs using adverbials of time and place.

We will explore devices to build cohesion within a paragraph (e.g. then, after, firstly).

We will be writing to entertain and creating a character description using descriptive language.



For our well being...

We will learn about living in the wider world. This includes: how to protect the environment; the role and impact of media and job interests and aspirations.



As readers this term...

We will use our expert tips to decode and infer a range of text types including fiction and information texts.

