



Year 5 Parent Planner - Spring 2024



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:

- Nicholas Copernicus
- Galileo Galilei
- Brian Cox
- Heidi Hammel

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 Romans 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:

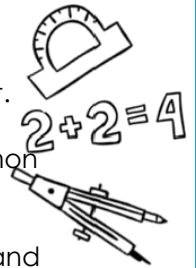
- The movement of the Earth and how we get night and day.
- The hemispheres and the Earth's orbit around the Sun and how this creates seasons.
- The phases of the Moon and its orbit around Earth.
- The planets in our Solar System.
- Space exploration and key scientists who have influenced our knowledge 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 OAA 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 how to write to inform by writing instructions staying safe in a chosen circumstance. We will be adding parenthesis within our instructions to introduce an extra idea separate from the sentence.



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.

