

Waddington Primary School Summer in Year 3

Extreme Earth

What Makes Our World Powerful?

We are going to investigate the power of our extreme world, taking on the role as seismologists.

After this, we will be ready to begin our Seismic journey by exploring mountains, starting with our homebase – the UK. We will use **physical environment maps** and **diagrams** to learn and understand how mountains are formed. By **reading a topography map** and **using a key**, we explore the highest peaks within the UK before zooming out and **making comparisons** to mountain ranges in Europe. Building on our understanding of how mountains are formed and their features, as geographers we will **explore case studies** to understand and **explain the impact** of settlements near the Almighty Alps.

Once we have gained knowledge of mountains, we will continue applying and building on our geographical knowledge, **using diagrams** and **geographical vocabulary** in order to learn about earthquakes- we **analyse maps** on seismic activity and tectonic plates. We will use seismology maps to identify earth-quake prone regions and **explain the causes** of an earthquake before focusing in on case studies about earthquake areas. Finally, we will build upon our understanding of tectonic plate maps, and **use key vocabulary** to explain and identify the location of volcanoes, focusing on the 'Ring of Fire' and researching, **using virtual fieldwork case studies** to explain what it is to live like in volcanic areas.

Geography

Activation

To activate our journey, we will once again jump into the role of geographers engaging in various knowledge, including using our prior learning of reading maps, using atlases and using key geographical vocabulary that we have already learnt in previous years.

Authentic Outcome

As a seismologist, we will create an oral presentation to answer the big questions: What makes our world powerful?

We will present using our geographical knowledge, to experts in the field!

We are reading...



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English

Author Study

In our aim of developing a community of readers, reading and stories sit at the heart of everything that we do.

This term, we engage with stories from the author Meredith Hooper.

Her stories inspire us to become authors ourselves, as we learn to write for a range of purposes and audiences.

These include writing. an Information text, Explanation text, Narrative adventures, Newspaper reports and Narrative poetry.

We will be focusing on embedding our composition skills, in writing. to include a range of sentence types and lengths to engage the reader.

As authors we take pride in publishing our outcomes and sharing them with the intended audience.



Poetry

Poetry helps develop communication and language, as well as developing our listening.

As Authors, we will listen to a range of poems including Volcano Poem and Earthquake: A Science Poem.

Maths

Working as mathematicians,

- Column addition
- Column subtraction
- Unit fractions
- Non-unit fractions
- Parallel and perpendicular lines in polygons
- Time

We will speak like mathematicians using the correct vocabulary to explain our thinking, demonstrating knowledge and understanding through the use of manipulatives and a range of pictorial representations.

Reading Drive

We are continuously working hard to develop our reading fluency. Our Reading Drive lessons focus on:

Rocks and fossils
Plants

Novel volume 2
Different cultures
Notable people vol 1
Children's classic 2

Science

Rocks

Working as scientists, through practical enquiries, comparative and fair testing, we explore rocks through exciting hands-on investigations. We compare and classify rocks based on their properties. We will use scientific language and labelled diagrams to describe how fossils are formed.

Plants

From observations and using scientific vocabulary, we describe the functions of different parts of a flowering plant, drawing conclusions on requirements needed for growth. By setting up simple practical enquiries, we investigate water transportation and use labelled diagrams to the part flowers play in the life cycle of a following plant, including pollination, seed formation and dispersal.

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Printing- William Morris

As artists, we will explore different **printing techniques** and create a collagraph print based upon shapes and patterns that can be found in the natural environment. We will learn about the artist William Morris.

Art

PSHE

We learn about Safety and Risk, thinking about the rules that help to keep us safe. We also learn about how we grow and change, including safe and unsafe secrets, appropriate touch, the needs of a new born baby and the impact upon family life.

Commando Joe

Ed Stafford

A mission requiring teamwork and resilience to attempt Ed's Amazonian adventure. As explorers, you will encounter many challenges? Have you got the strength of character needed?



DT

Structures Shell Structures/CAD

Working as engineers, we develop and use knowledge of nets of cubes and cuboids, using CAD to draw accurately. We use knowledge of how to construct strong, stiff shell structures. We **design, make,** and **evaluate** our own creations, while developing technical knowledge and using appropriate vocabulary to explain our thinking.

Computing

Creating Media

Desktop Publishing

Programming

Events and Actions in Programs

Online Safety

Health Well-being and Lifestyle



PE

Athletics

Outdoor Adventurous

Activities

Cricket

Golf

RE

Community

Islam

- How is Muslim Worship expressed collectively?

Pilgrimage

Judaism and Islam

- What is a special place that allows you to feel safe?



Experience Days

- 06.05.25 Geology visit
- 21.05. 25 Royal ballet online event
- 11.06.25 - Floella Benjamin online event
- 27.06.25 Lincs Staysafe boundaries workshop
- 11.7.25 Everybody makes online event

Music

As musicians we are focusing on traditional Indian instruments and improvisation, alongside learning to play the hand chimes, with Mr Crouch, a music specialist.