

Year 3 – Earth Explorers



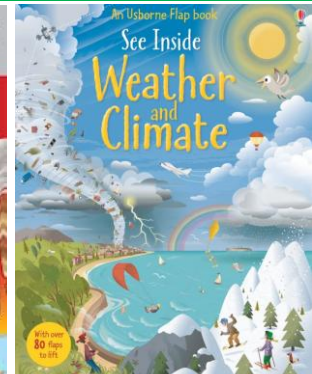
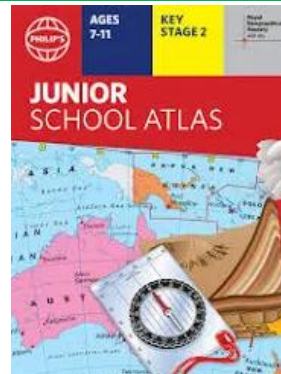
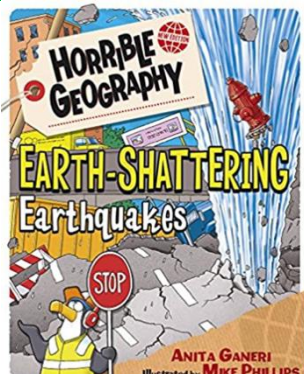
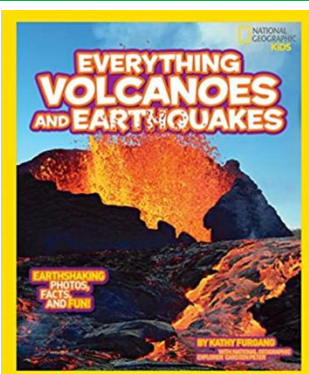
What are the Earth's geographical wonders?

Project Overview

We do hope you all had a wonderful half term break. We are very excited to welcome the children back to school ready for a fun-filled term of learning.

Our exciting new project will be 'Earth Explorers'. Overwhelming and mighty, Mother Nature's awesome energies hiss and roar deep within the Earth. Plates collide, spewing lava. Rocks rain down and mud slides in torrents. Discover the dangerous and ferocious world of natural disasters and glimpse the way they impact our lives. Travel the world and experience the contrasting climate zones - from the icy Arctic to the sweltering deserts. Learn how explorers have mapped the world and how maps help us to understand the world.

Recommended Books



This Term We Are Learning ...

English	<p><u>Fiction - Hermelin</u> We had a very exciting start to our term with a discovery of a detective mouse, Hermelin. We'll look at how characters are created and make wanted posters for missing items. The children will then be writing a memoir (as the character of Hermelin) about a time Hermelin tracked down a missing item - we will focus on exciting noun phrases, prepositions and dramatic tension to engage the reader. They will then write a job application to be an assistant detective to Hermelin - thinking about persuasive language and extending our sentences in order to grab the reader's attention and get them the job.</p>
Maths	<p><u>Numbers to 1000</u> We will be learning to represent numbers to 1000 using pictorial representations and manipulatives such as number lines, bar models and place value grids. The children will then be comparing numbers using 'less than' 'greater than' and 'equal to' and using their associated symbols. We will finish the term by adding and subtracting multiples of 10 and 100.</p>
Science	<p><u>Magnetism</u> We will be learning that a magnet is an object that has a magnetic force around it and that magnets have two poles (north and south). We will learn that opposite poles attract each other, while like poles repel each other.</p>
Religious Education	<p><u>What do Muslims believe about God and where did Islam start?</u> We will be looking at how Islam started and the importance of Allah and the prophet Muhammad. The children will learn about the 99 names given to respect Allah and why The Night of Power is so important.</p>
DT	<p><u>Textiles</u> We will be investigating how applique is used to decorate textiles. We will be learning how to use templates to cut fabric and how to use cross stitch and running stitch to adhere and decorate a felt pennant</p>
Computing	<p><u>Internet Safety</u> We will be introducing the SMART rules to the children: Safe, Meet, Accepting, Reliable, Tell. We will discuss how important it is to follow these guidelines and how to keep ourselves safe online.</p>
Geography	<p><u>Global Geography</u> The children will learn that the Earth is made of four different layers: inner core, outer core, mantle and crust. We will look at how tectonic plates cause earthquakes and the impact of these. We will also look at the features of volcanoes and what it is like to live near a volcano. We will be using atlases to locate countries and to understand the position and significance of lines of latitude. We will learn about different climate zones and where they are located on a world map.</p>
History	<p>Our focus this term is Geography, but we will reference historical events, such as remembrance day and the volcanic eruption of Vesuvius which buried Pompeii.</p>

MFL	<p><u>Introducing themselves and their family</u> The children will continue to learn how to introduce themselves and their family in French while also learning to count to ten. They will also learn simple greetings.</p>
P.E.	<p><u>Netball</u> (Tuesday afternoons) Children will develop ball control, improving control when moving around, and increasing the accuracy and control when passing, shooting and receiving. They will also be encouraged to work well with others, communicating and collaborating, whilst being fair and respectful when competing against others.</p> <p><u>Gymnastics</u> (Thursday afternoons) Children will develop, and combine the key elements required to perform gymnastic sequences, such as rolls and jumps, with sequences becoming longer and more effective. They will improve the accuracy and consistency of linking shapes, balances and traveling. The children will be encouraged to be creative and experiment with changes in dynamics when working in pairs and groups.</p>
PSHE	<p><u>Jigsaw- Celebrating Difference</u> The children will look at celebrating differences and learning with and about others. The different types of friendships and how conflicts may arise and how to deal with them.</p>

How To Help Your Child's Learning

Spellings

With an emphasis on improving children's spellings and understanding of spelling rules, we will continue to formally teach spelling this year, using the Read Write Inc Spelling Scheme. We will send home a spelling activity for your child each week as part of their homework.

Reading

We expect the children to read at least 3 times a week but strongly encourage them to read each night and to record this in their diary, along with a brief comment. This can be done by your child, an adult or a mixture of both. Please remember that your child's reading can come from many different sources, for example: a recipe, instructions for games, road signs, leaflets etc. Your child will be rewarded with a sticker, which is stuck in the diary, for every 25 nights of reading they complete.

Times Tables Rockstars

By the end of year your child should be secure on the 2,5,10-, 3-, 4- and 8-times tables. To support your child's learning, they will be provided with a login for Times Tables Rockstars (TTRS) which can be accessed on a laptop, tablet or mobile phone. Each week times tables homework will be set in the form of battles, soundchecks, sessions or free play on times tables rockstars. These will be set on Friday and must be complete by the following Friday.

We will occasionally set other homework relating to the Maths, English or Project we have taught that week. This homework will be set online using Google Classroom on a Friday; we will also send a paper copy home. Please return a paper copy the following Tuesday as we will respond to the homework in class.

Key Vocabulary

Crust, Mantle	Lava, Magma
Inner core	Eruption
Outer Core	tectonic Plates
Earthquake	longitude
Volcanoes	latitude
Crater	climate zone
Magnet	Arctic Circle
North pole	Tropic of Capricorn
South pole	Tropic of Cancer
attract, repel	Antarctic Circle
magnetic force	earthquake
Atlas, continent	tsunami
Equator	fault line
weather	epicentre

Weblinks Related to Our Project

[Explore volcanoes - BBC Bitesize](#)

[KS1/KS2 Primary Geography: The world](#)

<https://www.bbc.co.uk/bitesize/topics/z6hv9j6/watch/zxx42hv>

Information For This Term

- **Named PE kits** including black shorts or trousers, white T shirt and warm jumper, also **sturdy outdoor trainers** need to be worn on your child's PE day. Any child wearing earrings must be able to remove them independently for the PE lesson or they will be unable to participate (due to health and safety regulations). We regret that staff are unable to help children to do this.

PE days for both classes are as follows: Tuesday and Thursday

- A **named water bottle** should be brought to school every day, containing **plain water only** please, to encourage good health and also to prevent sticky puddles.