



Extreme earth Spring 1



Our Key Enquiry Questions is...

Just how Powerful is our World?



Websites:

<http://www.esa.int/esaKIDSen/Naturaldisasters.html>

<http://environment.nationalgeographic.com/environment/natural-disasters/forces-of-nature/>

<http://www.bbc.co.uk/schoolreport/25430932>

Challenges for Home:

See half termly project letter on Seesaw

Please tweet us using the hashtags below if you see your child showing any of our Archibald qualities.

We will continue to teach the children how to make the right choices and be **#ResponsibleCitizens**

Through our creative curriculum, we will be **#HavingFun** whilst learning.

We will continue to inspire and develop **#ConfidentIndividuals**

Having fun, achieving excellence.

Successful learners. Confident individuals. Responsible citizens.

Key Dates and Reminders:

PE Class 8 — Monday & Thursday

Class 7— Monday & Tuesday

Literacy

Year 3 will spend the first few weeks looking at stories that have a link to our topic work. The Wizard of Oz starts with a tornado and children will recreate the drama of this scene in their writing before later completing their own version of the full story. Our next book will be Escape from Pompeii which features the eruption of Mount Vesuvius. The children will use their writing skills to show how the characters would have felt and acted in such a dangerous situation!

Guided Reading and Comprehension sessions will take place weekly; children will complete a series of activities and tasks to support the acquisition and development of reading skills. Regular SPAG sessions will involve looking at more complex spelling patterns and their application.

Numeracy

This half term the children will be looking at how to add and subtract three digit numbers using the column method. Following this, they will look at calculating fractions of numbers and how to add and subtract fractions with the same denominator. They will be improving their mental recall of numbers and developing efficient methods when using money and solving problems.

There will also be a huge emphasis on the rapid recall of times tables through a range of games and activities. Children will also be covering different types of angles and learning the language associated with position and direction.

PE *Having fun, keeping healthy and learning new skills...*

Children will enjoy weekly sessions of outdoor PE where they will develop agility, balance and coordination through a series of non contact games and activities. They will also continue with the Daily Mile.

PSHE

This term we will be focusing on what a community is, investigating rules and laws in the wider society. Children will begin to understand what human rights and responsibilities mean. Children will also continue to investigate how to use the internet safely and look at the reliability and information which can be accessed online.

RE *Developing respect, tolerance, understanding and knowledge...*

The children will be learning about Sikhism. We will learn about the teachings of Guru Nanak and his leadership qualities. We will discover the culture of Sikhs by learning about their beliefs, place of worship and the 5 K's.

Music—*listening, appreciating, interpreting, playing, developing...*

The Children will continue with their weekly 'Charanga' music sessions, with a focus on performing songs and appraising music. We will also continue with our composer of the week sessions!

Computing

The children will use the computers to develop a weather report in groups. They will select, and prepare reports by cropping, resizing editing and importing still and moving images into a multimedia presentation. This will eventually lead up to a recording of a weather report on camera using green screen to show images of the weather.

Having fun, achieving excellence.

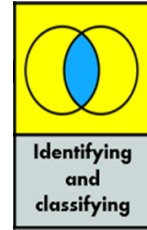
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Science

The key enquiry questions will be explored through the following activities.

Continuing on from our rocks and soils last term, we will be looking at how soil is formed and made up of different rocks and organic matter. Interestingly, they will also be able to describe how fossils are formed making links to their existing knowledge about sedimentary rocks.

Following this, children will be working scientifically, setting up simple practical enquiries, comparative and fair tests. Children will make their own volcano and investigate the different eruption types. When they do this, they will be using scientific language, using drawings and labelled diagrams to explain what they have found out.



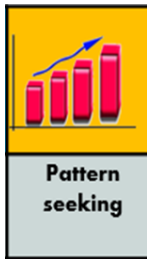
Identifying
and
classifying



Observation
over time



Researching



Pattern
seeking



Fair testing

Geography

The key enquiry questions will be explored through the following activities

Children will be developing their existing map skills and reminding themselves where the continents, oceans and equator is. Following this, we will be able to describe and understand climate zones, time zones in these areas as well as the water cycle.

Using a range of mapping technologies, we will investigate where volcanoes and earthquakes happen and the reasons for this. We will be finding out about the different types of volcanoes and the locality of these. We will enjoy some practical geography to show our understanding of how volcanoes and earthquakes are formed.

We will discover how extreme weather has impacted the North East by studying flooding in Morpeth.

Scientific Enquiry Types

*Observation over time,
Identifying and Classifying,
Researching,
Fair Testing
Pattern seeking*

***Location and Place, Cause and Effect,
Planning and Decision Making, Change***

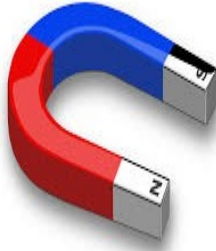
Art/Design Technology

Children will be taking inspiration from the greats. Firstly, we will focus on the work of Hokusai and 'The Great Wave'. We will use his work to master various brush techniques using thick and thin brushes to create our own version of his painting. In DT, children will be investigating the structure of wind turbines and looking at how to improve on existing structures using different materials and designs.

Key Vocabulary

Science (Working Scientifically)

- Organic matter
- Prediction
- Fair test
- Eruption types
- Steep sided volcanoes
- Cone shaped volcanoes
- Variables
- Fossils



Topic/Geography (Volcanoes/ Earthquakes)

- Magma
- Vent
- Crater
- Ash cloud
- Pacific ocean
- Ring of fire
- Equator
- Longitude
- Latitude

Literacy

Sentence types
Adjectives
Prefix/suffix
Speech Marks

Fronted Adverbial
Adventurous Vocabulary
Homophones
Regular and irregular plurals

Numeracy

Numerator, denominator, non-unit fraction, unit fraction
Fraction of shapes, numbers, equivalent fraction,
Half, quarter, sixths, eighths
Money, pound, pence, angles, position, direction

Key Stage 2

- *Use a dictionary to find out the meanings of these words.*
- *Have you ever come across the words before in a different topic / subject?*
- *Can you think of alternative words to use?*
- *Can you use these words within your work?*

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