

### Our PE this Half Term

PE will continue on Wednesday afternoons for Year 3. Please ensure children continue to wear their PE kits (suitable for warm weather) in to school on **Wednesdays**. (Arundel will need this as well as forest school clothes).

### Our Religious Education this Half Term

In RE this half term, we will be exploring the theme of messages. Pupils will have the opportunity to think about the messages in stories they know, and learn about messages in famous Christian stories.



### How can you help at home?

**Reading** - Please continue to read with your children daily and check their understanding of content by asking questions. Their reading records should show they are reading at home **at least** three times each week on the go read app.

**Maths** - We are trying to earn our times tables badges. Please make this fun and memorable, we want those facts to stick in our brains. Please focus on 1-12 x tables and test them on whichever table they are working on.

**Homework** - Children will receive homework on a Wednesday, which is due in on the following Monday. Please ensure they set aside time to complete this. It will consist of spellings and a short English and Maths task.

## Dates for your Diary

Fri 9th Sept 2022 - Arundel Art Day.

Mon 19th Sept 2022 - Bamburgh Art Day.

Tues 20th & Wed 21st Sept 2022 - School Photographs.

Mon 26th Sept 2022 - European Languages Week.

Wed 12th Oct 2022 - Flu Immunisations.

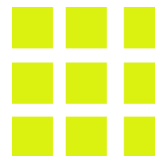
**Fri 30th Sept 2022 - DEVELOPMENT DAY.**

Fri 7th Oct 2022 - National Poetry Day.

Mon 24th - Fri 28th Oct 2022 - HALF TERM.

**Forest Schools** - Bamburgh - Tuesdays & Arundel - Wednesdays.

Your child will need: Wellies, a waterproof coat,  
warm clothes, spare socks.



# Nine Acres Primary School Autumn Term 1 2022

## Year 3 Team

Miss Boxell



Miss Troy



Mrs Chandler



Mrs Barnes



Mrs Hewison



### Dear Families,

To start the year, we will be learning all about 'How the Earth has changed as a result of Volcanoes and Earthquakes?'. We will travel through a volcano following the fictional tale of Axel and his uncle in 'Journey to the Centre of the Earth'. There we can learn all about the burning hot temperatures endured. Pupils will explore where the worlds most famous volcanoes and Earthquakes are located and how they are formed.

We have valued the time at the end of last year we had to get to know your children. We are excited and eager to begin this new year, based on the relationships we have already built with them.

With thanks,  
The Year 3 Team



Knowledge Organiser  
**'Striving for Excellence'**



# Year 3 - Autumn Term 1 2022 - Earthquakes & Volcanoes

## Important facts to know by the end of this topic:

Did you know that the earth is moving underneath our feet?

**Earthquakes** and **volcanoes** are created because we are standing on different **plates** (sections) of earth that slide against each other, push and pull apart.

Some famous volcanoes can be found in the USA, Iceland, and China.

The **Ring of Fire** is an area where a large number of volcanoes and earthquakes occur. This is because they sit along the edge of the **pacific Plate** and movement here causes these exciting natural occurrences.

## Key Skills

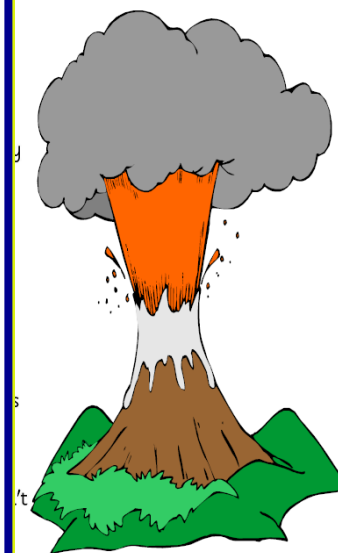


## Fieldwork

Later on in the term (Date TBC) we will be walking up to Carisbrooke Castle to see the seismometer still in use today. This is where an exhibition is kept for John Milne, a local seismologist on the island.

## Key Vocabulary

### Volcanoes



**Lava** - magma that reaches the Earth's surface

**Magma** - molten rock below the Earth's surface

**Magma chamber** - large area deep underground filled with magma

**Pyroclastic flow** - very hot mixture of lava and ash that erupts with great force and speed

**Shield volcanoes** - volcano that forms from lava that builds up slowly over time

**Vent** - opening in the top or side of a volcano where lava erupts

**Volcanic ash** - tiny pieces of material that are ejected in a pyroclastic explosion

## Our English this half term!

This term we will be travelling to the centre of the Earth in the Jules Verne classic 'Journey to the Centre of the Earth' adapted by Sarah Courtald.

Our final writing outcome will be a double page information text about volcanoes.



## This term's books!

## Our Maths this half term!

This term we will be concentrating on reviewing our core mathematical knowledge and number facts. We will be investigating the place value of numbers up to 1000 and exploring how we can represent numbers in different ways before moving on to addition and subtraction.

