

As mathematicians we will be... consolidating our knowledge of addition and subtraction using 3 digit numbers. First we will be experimenting with mathematical equipment and building our confidence before representing ideas in pictures then abstractly as numbers. We will find lots of different ways of illustrating these ideas including place value charts, part-whole models, bar models, number lines and formal written methods before moving onto reasoning and problem solving.

Then we will move on to multiplication and subtraction where first we will explore conceptual understanding behind the 3, 4 and 8 times tables. Then we will have exciting news of our new times tables approach to replace Times Table Rock Stars.

As historians we will be.... examining famous volcanic eruptions in the past.

As musicians we will be.... investigating different musical genres and learning how to sing songs and play the glockenspiel using our Charanga scheme.

As health and well-being experts we will be.... reinforcing how to achieve a growth mind-set and develop our brains through learning from mistakes and overcoming challenges. In RE we will continue to explore creation stories and link this to our investigations around volcanoes. In PE will be following our 'Real PE' scheme and developing our dance skills where we will learn to use improvisation, design our own dance moves, link and combine movements and perform with expression to represent a montage of weather from moderate to natural disasters. In PSHE we will be finding out how to think positively and calmly, manage difficult emotions, take responsibility for decisions and develop a growth mindset approach to learning.

As writers and communicators we will be.... exploring different types of poetry. We will read and examine a wide range of poems. Then we will use these to inspire us to write many different types of poems about seasonal events. Our text this half term is 'When the giant stirred' and links to our work in Geography. We will recap our work on characters from last half-term and begin learning how to write rich setting descriptions. In reading we will focus on the non-fiction text - A pebble in my pocket. As we read the book we will immerse ourselves in the outstanding vocabulary contained inside and collect words for our own writing. The book will also be central to our scientific understanding of how rocks are made and link to our volcanoes geography topic. We will also use the text to develop our comprehension skills and learn how to write explanation texts. Finally our class reader will be a volcano adventure story.

Chestnuts Autumn 2



**How are rocks
made?**

As scientists we will be.... learning about rocks and soils. First we will learn how to classify rocks based on their characteristics using a branching statements. Then we will look at the three different types of rock (sedimentary, igneous and metamorphic) in detail. We will also examine soil and investigate what it is made of. Finally we will demonstrate this knowledge by writing a non-chronological report about rocks and soils.

As artists we will be... learning how artists develop and grow. First we will train our eyes to replicate a still life and then move on to develop different techniques including shading.

As information technologists we will be.... learning how to use branching databases and simulations.

As environmentalists and geographers we will be.... investigating the ring of fire and the six different types of volcano. We will complete different case studies on volcanoes including those in Hawaii and explore some famous earthquakes. We will also link this learning to our English and science work to determine how rocks are made.