

**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 we will explore conceptual understanding behind the 3, 4 and 8 times tables. We will continue with our doubles for times table recall before moving onto the 2 times table.

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

**As environmentalists and geographers we will be....** investigating what it is like to live near a 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 science work to help determine how rocks are made.

**As design technologists we will be...** learning how to use Micro bits for wearable technology.

**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 how Jews use stories to remember God's Covenant. In PE we will further develop our dance skills through the themes of Country and Western and Superheroes and 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 performance poetry, fables and non-chronological reports. In poetry we will learn to use alliteration, similes, adverbs and repetition to write a free verse poem. For fables we have some beautiful new texts to inspire us to write our own versions of a story about animals with a moral at the end. Here we will be focussing on using coordinating and subordinating conjunctions. Finally we will write a non-chronological report about jobs that you might not have heard of where we will learn how to write captions, labels, an index, a glossary and headings and subheadings.

**As information technologists we will be....** learning how to use code to make animations and then apply this learning to the use of Micro bits.

## Chestnuts Autumn 2



**Volcanoes, rocks  
and earthquakes.**

**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.

### Key Dates

8<sup>th</sup> Nov -KS2 Celebration Assembly 2:45pm,  
13<sup>th</sup> Nov – SEN coffee morning  
15<sup>th</sup> Nov – Children in need  
18<sup>th</sup> Nov – Christmas Bauble sale opens  
22<sup>nd</sup> Nov - KS2 Celebration assembly 2:45pm,  
29<sup>th</sup> Nov – Christmas Jumper Day  
6<sup>th</sup> Dec – Secret Santa opens  
6<sup>th</sup> Dec – Clubs finish and KS2 Celebration Assembly  
7<sup>th</sup> Dec – Choir perform at Ripponden Christmas Market 11:00  
9<sup>th</sup> Dec – Rock Steady concert for parents  
13<sup>th</sup> Dec – Grandparents around the tree  
19<sup>th</sup> Dec – KS2 Carol Service at St Bartholomew's Church 2:00 and school closes for Christmas