

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 division where we will explore conceptual understanding behind the 3, 4 and 8 times tables. We will begin working on our squared numbers for times table recall before moving onto the 5 times table.

As musicians we will be.... learning the songs for our Christmas Carol service and Grandparents around the tree. We will also prepare for our acting roles.

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 artists we will be... learning how to use shape and space as we make a Christmas sculpture.

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 investigate creation stories. In PE we will 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 what algorithms are and use them to code a variety of programs.

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 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.

Key Dates

7th Nov -KS2 Celebration Assembly 2:45pm,
11th Nov – SEN coffee morning 8:40
14th Nov – Children in need
17th – 18th Nov – Christmas Baubles
21st Nov - KS2 Celebration assembly 2:45pm
28th November Christmas jumper day
2nd Dec – SEN coffee morning 8:40
5th Dec & 8th Dec – Secret Santa
5th Dec – KS2 Celebration assembly 2:45pm, clubs finish
8th Dec – Rocksteady Concert
12th Dec – Grandparents around the tree
15th Dec – Chestnuts Christmas Party
18th Dec – KS2 Carol Service at St Bartholomew’s Church 2:00 and school closes for Christmas