

## Year Three Spring 2020

### Problem solving, Reasoning and Numeracy

Our learning in maths this term will focus on applying our knowledge and understanding of calculation including addition, subtraction, division and multiplication to solve problems. To solve addition and subtraction problems we will use a range of strategies including a number, partitioning and column addition. When solving multiplication and division problems we will be using our knowledge of partitioning and the blank number line. Our learning will also cover aspects of shape and space including properties of 2d and 3d shapes. In addition we will be exploring symmetry and translation of shape. Through our topic learning we will be using our knowledge of measures to solve cross curricular problems. Data handling will be used across the curriculum to present information. Multiplication facts will continue to be checked each week.

### Physical Development

Gymnastics: Children investigate movement, stillness and using space safely. Use basic gymnastic actions on the floor and on apparatus.

### Computing

This term children will use ICT as a tool to create information for specific purposes and audiences. They will use a search engine to locate information on the internet. Children will continue to understand about e-safety and know how to stay safe when using IT.

### Knowledge and Understanding of the world Geography

In geography, children will be learning about volcanoes and earthquakes. We will be investigating and learning about the Earth's structure and how volcanoes are formed as well as why earthquakes occur. We will explore the effects of volcanic explosions on the environment and people. Children will then write a non chronological report about volcanoes.

### Science

During this term our children will be exploring Soils and Rocks. We will use a range of investigative skills during this topic. Children will plan a fair experiment to test their hypothesis.

### Literacy

This half term we have used the beautifully illustrated book 'Escape for Pompeii' in our cross curricular basis for our fiction and non-fiction writing.

### Setting descriptions

To help the children learn how to write effective descriptive language, we will learn to use similes and personification. We will use this to describe settings of the erupting Mount Vesuvius to build pictures in the reader's mind.

### Story writing—adventure stories

The Emperor has employed our children to be apprentice story writers to re-tell a hero's surprise escape from the volcano. We will learn to describe characters using implicit characterisation and create tension to help us write an exciting adventure story.

### Non-chronological reports

The children will learn to write interesting reports using topic sentences, higher order conjunctions and subject specific vocabulary.

### Music

Children will continue to learn how to play the ukulele. Children will use and apply these new skills whilst singing new songs with tone and expression.

### Art & Design

As part of our Art and Design study within Natural Disasters we will plan and design our very own violent volcanoes. We will have lots of fun getting very messy building our structures before adding paint to make them look like authentic.