

# Chacewater School – LEAP into Learning

Term: Spring 1

Class: Red Oaks

Theme: How do volcanic eruptions and earthquakes affect humans and the Earth?

On this page you will find an outline of our learning this half term in Red Oaks!

## **Mathematics –**

### **Multiplication and division –**

- multiply 4-digits by one or two-digit numbers using short and multiplication
- divide 4-digit numbers by a one-digit number using short division
- multiply and divide whole numbers and decimals by 10,100 and 1000



long

### **Fractions –**

- compare and order fractions whose denominators are all multiples of the same number
- identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements  $> 1$  as a mixed number
- add and subtract fractions with the same denominator and denominators that are multiples of the same number
- multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams



## **Geography –**

Red Oaks will be learning to describe and understand key aspects of volcanoes and earthquakes!

They will use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied and develop understanding of the eight points of a compass, four-figure grid references and symbols.



## **Science –**

This term, we will be learning about the properties and changes of materials.

We will;

- compare and group together everyday materials on the basis of their properties
- demonstrate that dissolving, mixing and changes of state are reversible changes



## **Art & Design –**

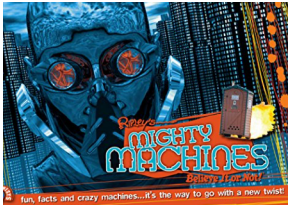
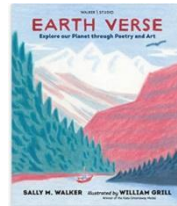
3D volcano –

- create an abstract 3D papier mache image on paper from paintings/drawings
- colour the papier mache model with tissue papers

## **English –**

Text: Earth Verse by Sally M Walker

1. To write haiku poetry about a natural event/process
2. To write a short information text about a natural event/process



Text: Mighty Machines

1. To create a page to include in a class book

## **Computing:**

### Selection in physical computing

- control a simple circuit connected to a computer
- write a program that includes count-controlled loops
- explain that a loop can stop when a condition is met, eg number of times
- conclude that a loop can be used to repeatedly check whether a condition has been met
- design a physical project that includes selection
- create a controllable system that includes selection

## **Religious Education:**

GOD: What does it mean if God is Holy and Loving?

## **RHSE:**

### Caring in the community

- changing needs
- feeling lonely
- why volunteer?

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## HOME LEARNING

Term: Spring 1

Class: Red Oaks

Theme: Natural disasters

Alongside regular reading, spelling and maths home learning choose at least one of the following to complete over this half term. You might even be inspired and choose more than one!

Make a 3D volcano and create an explosion!

Find out what makes a volcano erupt!



How are volcanoes and earthquakes linked?



Find out about some of the famous volcanoes around the world. What makes them so famous?



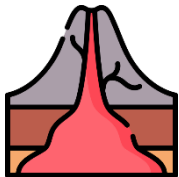
What do you need to do in the event of an earthquake? Could you find out?



Wild card!  
You choose something you want to find out about volcanoes or earthquakes!

Can you identify the effects of earthquakes on people?

What is inside a volcano? Find out and label a drawing or picture.



Find out key facts about famous earthquakes.



What is the difference between: active, dormant and extinct?



