

# 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

### 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
- find fractions of amounts



### Perimeter and Area

- perimeter of rectangles
- perimeter of rectilinear shapes
- perimeter of polygons
- area of rectangles
- area of compound shapes
- estimate area



## Geography

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

They will learn about why volcanoes erupt, describe and explain the key features and recognise the effects of an eruption. They will also be able to explain what an earthquake is and why they happen. They will locate some of the major volcanoes in Europe and North America.



## Science

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

We will;

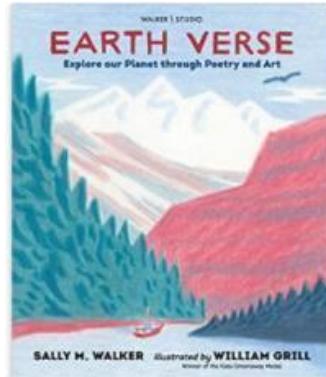


- compare and group together everyday materials on the basis of their properties
- demonstrate that dissolving, mixing and changes of state are reversible changes whilst other changes result in new material being made and are irreversible.

## English

Text: Earth Verse by Sally M Walker

- To write haiku poetry about a natural event/process
- Language features: simile, metaphor, personification, alliteration.



## Art & Design – Making Monotypes

- Combine the monotype process with painting and collage to make visual poetry zines.
- Artist: Kevork Mourad



## PE

### orienteering and circuits

## 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: Christianity

- What does it mean if God is Holy and Loving?

## RHE: 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?

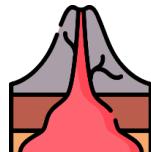
Wild card!

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?

