

# Chacewater School – LEAP into Learning

Term: Spring 1

Class: Red Oaks

Theme: Natural Disasters

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

## **Mathematics –**

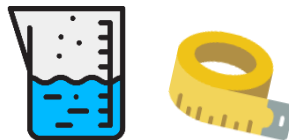
### **Multiplication and division –**

- multiply 4-digits by one or two-digit numbers using short and long 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



### **Measurement –**

- convert between different units of metric measure
- measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- calculate and compare the area of rectangles
- estimate volume and capacity
- solve problems involving converting between units of time
- use all four operations to solve problems involving measure using decimal notation including scaling



## **Geography –**

Red Oaks will be learning about the:

- structure of the Earth
- features of a volcano
- famous volcanoes and earthquakes
- effects of volcanoes and earthquakes
- preparing for an earthquake
- what it's like living near a volcano

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 volcanic landscape from paintings/drawings
- colour the papier mache model

## **English –**

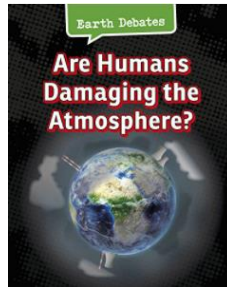
Text: Earth Verse by Sally M Walker

- To write haiku poetry about a natural event/process, including technical vocabulary and poetic imagery
- To write a short information text about a natural event/process (this will involve revision of known grammar and less direct teaching before independent writing)



Text: Are humans damaging the atmosphere?  
by Catherine Chambers

- Write an information text based on volcanoes or earthquakes



## **PE:**

Real PE Fundamental Movement Skills – outdoor (Monday)  
Dance – indoor (Tuesday)

## **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?

## **RSHE:**

### Caring in the community

- changing needs
- feeling lonely
- why volunteer?

# Chacewater School – LEAP into Learning

## HOME LEARNING

Term: Spring 1

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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?



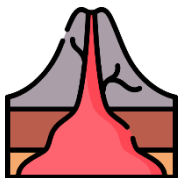
What do you need to do in the event of an earthquake? Could you find out?

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?



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