

## WOW Days

**Earthquake experience – wrecked classroom**

**Bridge making/ investigation activity week**

## English

*Texts and possible writing opportunities;*

Newspaper report – natural disaster

Desert island writing

Non-chronological report – volcanoes

Guided Reading – Kensuke's Kingdom by Michael Morpurgo

Multiplication & division: the children will **learn to recall multiplication and division facts for times tables up to  $12 \times 12$** . They will use place value, number facts, factor pairs, commutativity, and inverse operations in mental calculations. In June, your child will take part in the times tables check.

Fractions: Children will **explore the link between fractions and multiplication/division**. They will also learn more about decimals, using numbers with up to two decimal places. The key words for this section are non-unit fraction, denominator, numerator, factor, and place value.

Decimals: the children are taught to: **recognise that tenths are made when dividing an object by 10 and hundredths are made when dividing an object by 100**. They will learn to write these as both fractions ( $\frac{1}{10}$  and  $\frac{1}{100}$ ) and as decimals (0.1 and 0.01)

# Year 4 Extreme Earth!



Spring 1 and 2 – 2023/2024

## Geography

*Children will be taught to;*

Describe and understand key aspects of physical geography – why do earthquakes / tsunamis / volcanoes occur?

Use maps, atlases and globes to locate countries – where do we find earthquakes / volcanoes / tsunamis in the world? Look at plate tectonics – where are the boundaries and why are they so significant?

## Computing

Children to be taught how to code and create their own games. Children to debug their games accurately.

E-Safety – Using the WWW

## Science

Children will be taught about;

### **States of matter**

Solids, liquids gases

Changing state

Evaporation and condensation (Water cycle)

Heating and Cooling

## History

*Children will study;*

Various case studies of earthquakes, volcanic eruptions and tsunamis e.g. San Francisco in 1989, Mt St Helens in 1980 and Sri Lanka in 2004.

To understand methods of historical enquiry – Pompeii eruption in 79AD.

### **Art and Design**

*Children will be taught to improve their mastery of art and design techniques. Improve mastery of art and design techniques, including painting with a range of materials – 'The Big Wave art' activity.*

### **PE**

Swimming – continue to develop skills & lifesaving

Hockey – dribbling, passing and moving with the ball, teamwork, game strategy

Netball – passing, moving, teamwork, game strategy

### **PSHE**

Relationships: Children will learn about loss and the coping mechanisms should this happen to them. They will also debate an animal rights issue.

Healthy me: Children will recognise how different friendship groups are formed and the changing dynamics within them as well as understanding the dangers of alcohol and smoking.

### **Design and Technology**

*Children will be taught to;*

Design, make and evaluate purposeful, functional, appealing props for themselves and other users based on design criteria – make an earthquake-proof bridge.

### **RE**

*Pilgrimage, Religion in the Community.*

How does going on pilgrimage not only express beliefs, but also strengthen them for individuals and communities? What difference does going on pilgrimage have on the lives of individuals and communities? What beliefs do the different religions share in common and how are they different? Would it be better if we all believed the same things and lived the same way?

*Diversity in Religions, Founders & Prophets*

What beliefs do the different religions share in common and how are they different? Would it be better if we all believed the same things and lived the same way? How do the lives, teachings and example of the key religious figures in the different religions influence the faith today? Do these figures provide a good example for us on how to live our lives?

### **Languages**

*Children will learn;*

Develop accurate pronunciation and intonation so that others

Understand when they are reading aloud or using familiar words or phrases

### **Music**

Ukulele – we will be following the XYZ music academy scheme of learning to learn the basics of playing this instrument.

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