

# Spring 2: Deadly Disasters

Overwhelming and mighty, Mother Nature's awesome energies hiss and roar deep within the Earth. Plates collide, spewing lava. Rocks rain down and mud slides in torrents. Towns and cities vanish under ashen clouds. Discover the dangerous and ferocious world of natural disasters, and glimpse their savage and deadly effects. Visit the ancient city of historic Pompeii, frozen in time, then create blistering explosions from model volcanoes that fire foamy lava.

## Mathematical Development (Fractions, Addition and Subtraction, Multiplication and Division)

### Year 1

- Recognise, find and name half and a quarter of a shape or a number.
- Represent and use number bonds and related subtraction facts within 20
- Add and subtract one-digit and two-digit numbers to 20, including zero representations, and missing number problems such as  $7 = \square - 9$ .
- Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

### Year 2 - (build upon skills above and complete the following)

- Recognise, find, name and write fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$  and  $\frac{3}{4}$  of a length, shape, set of objects or quantity
- Write simple fractions for example  $\frac{2}{1}$  of  $\frac{6}{3} = 3$  and recognise the equivalence of  $\frac{4}{2}$  and  $\frac{2}{1}$ .
- Solve problems with addition and subtraction: involving numbers, quantities and measures
- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables.
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

## Communication, Language and Literacy (Speaking & Listening, reading, writing, MFL)

### English – Poetry, letters, narrative

- Read and write common exception words
- Make predictions in stories.
- Independently compose sentences.
- Use a range of punctuation.
- Use conjunctions – and, but, so, because, when, if
- Begin to make specific word choices
- Use and apply taught spelling rules
- Have an understanding of word class terminology.
- Form upper and lower case letters correctly and begin joining

### Italian

- Listen attentively, understand and respond to spoken language.
- Ask and answer questions
- Explore patterns and sounds of the language through songs and rhymes.

## Possible activities

### English

- Children will be exposed to a range of texts with a running theme – opportunities to be creative and use new vocabulary.
- Daily phonics/ spelling and reading sessions – interactive activities available.
- Spelling rule activities taught and explored as part of the lesson and separately to embed understanding.
- Children will be encouraged to read more for pleasure to gain a broader vocabulary to support writing.
- Weekly spellings.

### Italian

- The children will learn basic vocabulary and phrases. They will be encouraged to listen to others and respond to questions posed by the teacher and pupils. The children will learn a range of songs to further develop their vocabulary and understanding.

## Possible activities

- Times table challenges
- Mental Maths challenges
- Problem solving and reasoning will underpin all that we do so that the children have opportunities to apply new knowledge in a variety of contexts.

## Possible activities

ICT – Create a PowerPoint presentation to share their learning.

Science – Make a model of the layers of the Earth out of clay.

Geography – Watch videos of volcanoes erupting and name the processes that they can see.

History – Find out about life in Pompeii in 79 AD.

Discuss the causes and the effects of the eruption of Mount Vesuvius.

## Knowledge and Understanding of the World (Geography, History, Science, ICT)

ICT – Combine a range of text, images, animation and audio and video clips for given purposes.

Science – Name the parts of Earth's layers.

Geography – Describe the parts of a volcano.

History – Explain the cause and effect of a significant historical event.

## Enrichment

Making volcanoes

World Book Day

## Physical Development (PE, growth and health)

### Indoor P.E – Gymnastics

- Use space well and be aware of others in the space.
- Travel safely in different directions and along specific pathways.
- Land safely when jumping.
- Take weight on their hands.

### Outdoor P.E. – Athletics

- Take part in running, jumping and throwing events.
- Understand how exercise affects the human body.

## Possible activities

- Produce a short sequence of movements which has a clear beginning, middle and end.
- Observe each other performing a gymnastic sequence and give their peers feedback.
- Take part in a mini Olympics.

## Personal, Social and Emotional Development (RE, PSHE)

### RE What Can We Learn from Sacred Books?

- Explore a range of Sacred texts and how they should be treated.

- Discuss how and why some stories are special, sacred and important to religions.

### PSHE – Healthy Me

- Understand ways to stay healthy.
- Know how to be safe with medicines.
- Understand some road safety rules.

## Possible activities

RE - Look at stories and teachings in holy books and finding out what these mean for believers

- Listen and take part in assemblies.

### PSHE

- Make a poster to show ways to stay healthy.
- Take part in role play activities.
- Practise crossing a road safely.

## Creative Development (Art, DT, Music, Drama)

Art & DT - Draw, paint or sculpt a human figure in a variety of poses, using a range of materials, such as pencil, charcoal, paint and clay.

Music – Recognise and describe sounds and changes in a piece of music using musical vocabulary.

## Possible activities

### Art & DT

Take turns to pose as the bodies of Pompeii. Make sketches of the figures using a range of drawing materials and using sketchbooks as a way of exploring their ideas.

### Music

Listen to recordings of volcano noise. Work in groups to develop an atmospheric volcano soundscape from rumbles to explosions. Explore ways of combining layers of sound for dramatic effect.