

Learn these facts to help you

Knowledge Organiser Year 4 Autumn 1

with your work.

Science

Important vocabulary

Digestion,digestive system, oesophagus, intestine
stomach,saliva,molars,canines,incisors,plaque,decay,
Producer,predator,prey.

Describe the simple functions of the basic parts of the
digestive system in humans.

Identify the different types of teeth in humans and their
simple functions.

Construct and interpret a variety of food chains,
identifying producers, predators and prey.

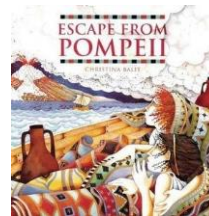
Violent Volcanoes



Key texts this term:

Escape from
Pompeii-Christina
Balit

The Mermaid of
Zennor-Charles Causley
FArTHER-Grahame Baker-Smith



Geography

Important facts

Locate the following volcanoes on
a world map: Etna, Fuji,Mount
Erebus, Vesuvius,Krakatoa.

Locate Pompeii on world map.

Know what a volcano is, how they
are formed & why some erupt.

Identify the position & significance
of the Equator.

Famous people and places

Pliny the Younger

Pompeii

Herculaneum

Mount Vesuvius

Religious Education

Understand the meaning of inspirational.

Identify some people from today's world who are inspirational.

What can we learn from great leaders & inspiring examples in today's world?

History

Key events

Eruption of Mount Vesuvius in 79 AD

Destruction of Pompeii & Herculaneum in 79 AD.

English

Class text • **Escape from Pompeii**-using the senses to write a description of the setting.

Powerful verbs & expanded noun phrases.

Write informal letter.

• **The Mermaid of Zennor**-diary entries, show empathy with character's feelings.

• **FARTHER**-use of verbs, rhetorical questions, linking introduction to conclusion. Write an explanation text.

Whole class reading of a short text/passage from a text each day followed by activities linked to the text.

Maths—Place value-Rounding to the nearest 10, round to the nearest

100, 1,000 .Represent & partition number to 1,000.Represent & partition numbers to 10,000.

Estimate ,label & draw numbers on a number line to 10,000, find 1,10,100, 1000 more/less than a given number,compare 4 digit numbers using comparison language & symbols. Roman numerals.

Addition and subtraction-Add two 4 digit numbers no exchange, 1 exchange, more than 1 exchange.

Subtract two 4 digit numbers-no exchange, 1 exchange, more than 1 exchange. Efficient subtraction, estimating answers, checking strategies (inverse operation) End of block assessment.

Area-what is area? Count squares, make shapes, compare area