



THEMATIC OVERVIEW

Year Group(s): Year 3/4

Term and Duration: Spring 2019

Theme: Why is Earth so angry? (Volcanoes)

Hook In: Pompeii

Celebration: Volcano board games / Rock Bottom play

Key Questions:

- Why is the Earth so angry?
- What is a volcano and how does it erupt?
- Who would want to live near a volcano and why?
- What was Pompeii and what can we learn from the discoveries there?

English Objectives

- I can write a persuasive letter
- I can select vocabulary related to the text type
- I can use a dictionary to check my spellings
- I can use a thesaurus to find synonyms
- I can suggest improvements for my work, editing and improving to reach a final piece
- I can use subordinate clauses and a range of conjunctions
- I can use Year 3/4 word list spellings within my writing
- I can use different prefixes and suffixes within my writing
- I can infer a character's thoughts or feelings from the text
- I can develop a positive attitude to reading by increasing my familiarity with a range of genres

Mathematics Objectives

Money

- Convert between £ and p
- Record money using decimals
- Solve problems involving combinations of coins and notes
- Add and subtract amounts of money to give change
- Calculate with money
- Estimate and compare measures of money

Measure - Length, Perimeter and Area

- I can measure length accurately and compare lengths
- Equivalent lengths - km, m and cm
- Equivalent lengths - cm and mm
- Add and subtract lengths
- Measure and calculate perimeters of rectilinear shapes
- Calculate the area of a rectilinear shapes

Fractions

- count up and down in tenths and hundredths
- recognise, find and write fractions of a discrete set of objects
- recognise and use fractions as numbers
- solve problems involving increasingly harder fractions to calculate quantities
- equivalent fractions
- add and subtract fractions with the same denominator
- compare and order unit fractions, and fractions with the same denominators

Decimals (Year 4)

- recognise and write decimal equivalents of any number of tenths or hundredths
- recognise and write decimal equivalents of simple fractions
- find the effect of dividing a one- or two-digit number by 10 and 100, identifying the

value of the digits in the answer as ones, tenths and hundredths

- round decimals with one decimal place to the nearest whole number
- compare numbers with the same number of decimal places up to two decimal places
- solve simple measure and money problems involving fractions and decimals to two decimal places

Science Objectives

Forces and magnets

- Can compare how things move on different surfaces
- Understands that magnets can repel or attract, work at a distance and have two poles and can work out whether they will attract or repel
- Can compare the response of different materials to magnets and identify some magnetic materials.

States of matter

- compare and group materials together, according to whether they are solids, liquids or gases
- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius ($^{\circ}\text{C}$)
- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

Computing Objectives	RE Objectives	History Objectives
<p>To copy and paste pictures and text</p> <p>To be able to alter the size, colour and font of text</p> <p>To be able to use spell checker correctly</p> <p>To create a table/chart and add in information</p>	<p>Why do people pray and how do people pray?</p> <p>Describe ways in which prayer can comfort and challenge believers</p> <p>Look at the importance of prayer in these religions: Christian, Hindu, Muslim, Jewish</p>	<p>Summer term</p>
Geography Objectives	Art Objectives	DT Objectives
<p>To describe the physical geography in context of what is under the surface of the Earth.</p> <p>To know the effects of a volcanic eruption on the environment.</p> <p>To be able to explain the physical geography of locations in the UK</p> <p>To name and locate the key places in the UK</p>	<p>To talk about different artists who specialise in sculpture</p> <p>To know what a sculpture is and the design process behind creating a statue</p>	<p>To be able to use a range of technical knowledge to create a toy</p> <p>Understand leavers, linkages and cam mechanisms and how they can create movement</p>
PE Objectives	Music Objectives	French Objectives
<p>To develop invasion games skills, with an emphasis on football.</p> <p>To experiment with a variety of movements and sequences of movements in gymnastics (and dance), building strength and flexibility.</p>	<p>Linked to singing practise for the LKS2 play</p>	<p>To learn a range animals and pets in French</p> <p>To learn a French version of a well-known song</p> <p>To compare games played in France and the UK</p>
PSHCE Objectives	Global Dimensions	Enrichment Activities
<p>To explore the qualities we all value in ourselves.</p> <p>To consider our role in society as individuals.</p> <p>To be able to recognise behaviour that is not acceptable and its impact on others</p> <p>To know what to do when something upsets you</p>	<p>To talk and write about their opinions, and explain their views, on issues that affect themselves and society.</p> <p>To discuss the impact of farming on society</p> <p>To using statistics to understand our world</p> <p>To understand the local population and culture</p>	<p>Spring Production in Year 3/4 Rock Bottom</p> <p>School trip - Creswell Crags</p>

