

Year Four – Autumn Term – ‘Disasters and Human Impact’
During this topic, children will:

Geography – Earthquakes and other disasters

- learn what earthquakes are and where they occur
- locate the world’s biggest earthquakes
- learn about physical and human geographical issues related to Tsunamis
- identify the layers of the earth and understand that the outer layer is divided into tectonic plates
- know the parts of the volcano, where they occur and why
- Use ArcGis software to plot locational data about volcanoes

History- Chronology

- identify the chronology for history taught over the year

Science - Classification

- classify animals into vertebrates and invertebrates
- learn about how classification keys are used to sort species of animals
- know what food chains are and be able to identify producers, predators and prey
- understand that environments can change and this can sometimes pose dangers to living things
- study the work of the scientist **Jane Goodall**

Art - Katsushika Hokusai

- create a piece of art using quilling in the style of Hokusai’s Great Wave
- create a collage using a design based on a wave



Fairtrade

- identify Fairtrade products and how these help the farmer

DT

- skills retrieval practice- using running stitch

Music- Mamma Mia!

- learn the names of the notes on a stave
- learn that a crotchet is a one beat note, a quaver is a half beat, a minim is 2 beats and a semi-breve is 4 beats
- know that music is structured into sections
- perform using notation on the recorder or glockenspiel
- understand that improvisation uses pitch and rhythm

Year Four- Autumn Term - 'Ancient World - Egypt'

During this topic, children will:

History- Ancient Egypt

- locate key places on a map which show important places for the Ancient Egyptians
- learn about when and where the Ancient Egyptians lived , what survived and what it tells us about the past
- research Howard Carter and talk about the artefacts found in Tutankhamen's tomb
- explain the Ancient Egyptians beliefs of the after life
- understand and describe the role of some important Egyptian Gods
- talk about culture and art in Ancient Egypt
- discuss the importance of Ancient Egyptian hierarchy
- learn that the pyramids are burial sites for important Egyptians
- learn that the Rosetta stone unlocked the Ancient Egyptian hieroglyphics

DT- Making Falafel Burgers

- make Egyptian falafel burgers
- recap knife skills and hygiene rules from year 3



ICT- Sound

- record sound and overlay images of what Howard Carter found in the tomb with a voice recording

Geography -Egypt

- locate Egypt on a map
- identify the physical and geographical features of the country
- learn the importance of the River Nile

Music- Scales

- appreciate film backing tracks and how sounds create different atmospheres and effects
- organise phrases in a simple structure
- use an alternative scale

Art- Colour Theory

- create new colours by mixing two paints together
- learn that different colours can create mood through experimenting with shade
- layer materials to show depth
- use shading to show light and shadow effects
- create a mosaic effect and add silhouettes to a colour wash

Year Four- Autumn Term - 'Sound'

During this topic, children will:



Science- Sound

- identify that sounds are made by something vibrating
- recognise that sounds travel through a medium to the ear
- know that sounds get fainter as the distance from the sound source increases
- learn about pitch and volume and the strength and shape of the vibrations
- find patterns between the pitch of a sound and features of the object that produced it
- know that vibration in air (sound waves) travel into our ears
- investigate which material is best for muffling sound.

Year Four- Autumn Term

Throughout the term, children will:

Gymnastics

- travel around a mat and apparatus in different ways
- create a small sequence involving different levels

Dance

- identify the beat in a piece of music and move in time to the beat
- copy and repeat actions including feeling and expression
- improvise in the style of the dance
- perform with rhythm and expression

Computing

- understand that a digital footprint or trail can aid identity theft.
- understand that copying the work of others and presenting it as their own is called 'plagiarism' and to consider the consequences
- understand the importance of balancing game and screen time with other parts of their lives
- Use ArcGIS to plot locational data about Volcanoes
- Create a voice narration for Howard Carter entering the tomb
- use a storyboard to represent a program design and algorithm.
- explore a flowchart for a program with an if/else statement
- create a program with a character that repeats actions
- make timers and counting machines using variables to print a new number to the screen every second.

Drama

- participate in a debate on equal rights
- write a monologue as a character

PE

- children cover the skills based from (Real PE) scheme

Autumn Term Year Four

During this term, children will:

Literacy – Reading

- answer 'Why?' questions and give evidence
- make predictions based on evidence
- use a dictionary to check meaning
- order timelines
- explore and give reasons for author choice
- give evidence for characters feelings

Literacy- PAG

- use capital letters, full stops, exclamation marks and question marks accurately.
- identify and use a range of verbs
- use fronted adverbials
- use present perfect tense
- use paragraphs
- use speech marks
- use sub headings
- use similes and metaphors
- use connectives – because, when, while, until, before, after

Literacy- Write

- A summer holiday recount
- Newspaper reports
- Tsunami report
- An information text on Jane Goodall
- Setting descriptions
- a description of contrasting characters
- An explanation of Mummification

Maths

- Count in multiples of 6, 7, 9, 25 and 1000 and round any number to the nearest 10, 100 or 1000
- Recognise the place value of each digit in a four digit number and read Roman numerals to 100 (I to C.)
- Order and compare numbers beyond 1000 and find 1000 more or less than a given number.
- Identify, represent and estimate numbers using different representations.
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers.
- Count backwards through zero to include negative numbers.
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition/subtraction.
- Estimate and use inverse operations to check answers to a calculation.
- Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.
- Read, write and convert time between analogue and digital 12- and 24-hour clocks.
- Convert between different units of measure [hour to minute] and solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.
- Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.
- Convert between different units of measure [for example, kilometre to metre].
- Recall and use multiplication and division facts for multiplication tables up to 12×12 .
- Multiply 2 digit and 3 digit numbers by a one-digit number using a formal written method.
- Find the area of rectilinear shapes by counting squares.

Autumn Term Year Four
During will term children will:

RE: People: FAMILY

- know and understand 'our family trees.'
- know and understand the family of God in scripture.



RE: Gifts: LOVING

- know and understand the gift of love and friendship.
- know and understand about Advent and Christmas: the Church's seasons of preparing to receive God's gift of love and friendship in Jesus.

RE: Called: BELONGING

- know and understand Confirmation: a call to witness
- know and understand 'the response to being chosen.'

EPR:

- explore the gifts of creation
- know about different feelings we experience as individuals
- know how to deal with negative emotion in ourselves
- know about democracy. People vote for what they want to happen in the country.
- investigate people's reactions to differences- e.g. of talents, looks, cultures
- investigate community life in a 'developing world' area Understand that families can be places of love and joy
- discuss family life and what we enjoy doing as families.
- learn about themselves as a child of God's love and their body as a gift from God to them
- know that we are all different; know that boys and girls are different physically
- know how a baby develops in the womb
- be able to state their name, address and telephone number; in case of an emergency; know how to call 999; how to get help from another adult.