



Inspire

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

Discover the dangerous and ferocious world of natural disasters and glimpse their savage and deadly effects.

Thrive

Create explosions from model volcanoes that fire foamy lava. Discover the properties of rocks shaped by the Earth's breath taking power.

Literacy (including reading)

Intent: write for different purposes.

- We will explore the character and feelings of Ian and his friends in a true story (represented in animation).
- Following this we will create a list of adjectives to describe another character named Alex and use these adjectives to write a character description.
- We will read the book 'Escape from Pompeii', examine its theme and language features, infer meaning and identify and understand new words. We will explore the role of the characters and use our senses to describe a scene.
- We will also build on our knowledge of expanded noun phrases, simile, prepositional phrases, alliteration and relative clauses.
- We will then apply this knowledge to writing a setting description and a poem based on Pompeii which will both inform and entertain both our class and our families.

Key vocabulary: infer, language, adjectives, characters, purpose, audience, nouns, adjectives, setting description, poem

Impact: we will know the structure and features of a story and we will write a setting description and write and publish a poem.

Maths

Intent: develop understanding of number using different skills.

Blue Group will be:

- Comparing, ordering and problem solving with length.
- Recognise halves, quarters and thirds and use unit and non-unit fractions.

Green Group will be:

- Compare, add and subtract length
- Measure and calculate perimeter
- Recognise halves, quarters and thirds and use unit and non-unit fractions.

Purple group will be:

- Add and subtract fractions, calculate fractions of objects and quantity.
- Explore tenths and hundredths as decimals.

Key vocabulary: millimetres, centimetres, metres, fractions, half, quarter, third, decimal

Impact: we will know how to measure in millimetres, centimetres and metres, calculate fractions and use decimals.

R.E.

Key question: How do festivals and family life show what matters to Jews?

- We will find out who and where Judaism was founded.
- We will understand the Jewish main beliefs and ten commandments.
- We will explore Jewish special places including synagogue and Jerusalem
- We will find out about the Torah and its teachings.
- We will explore Jewish symbols and their meanings, which play an important role in the day-to-day life of every Jew.
- We will learn about the Jewish festivals of Yom Kippur, Hannukah, Pesach and Rosh Hashanah which will help us understand how festivals and family life show what matters to Jews.

Key vocabulary: Jerusalem, Torah, TaNaCH, Yom Kippur, Hannukah, Pesach and Rosh Hashanah, Menorah, Mezuzah, Hamsa and Star of David

Impact: we will gain an understanding of Judaism, its origin, important places, festivals, objects, clothing and symbols.

Science

Intent: to identify different types of rock, their durability and permeability, explore fossils, palaeontology, soil formation and soil permeability

- We will learn about the three natural occurring types of rock and how they are formed.
- We will group rocks according to properties, permeability, hard or softness, durability and buoyancy.
- We will learn about different types of fossil and the fossilisation process.
- We will explore palaeontology and the work of Mary Anning.
- We will learn about the four processes of soil formation.
- We will test the permeability of different types of soil.

Key vocabulary: Igneous, sedimentary, metamorphic, properties, permeable, impermeable

Impact: we will name different types of natural occurring rock and understand that they have different properties. We will know how soil is formed and investigate permeability.

PSHE

Intent: understand what it means to be healthy and know ways to have a healthy and happy body.

- We will understand how exercise affects our bodies and know why our heart and lungs are such important organs.
- We will know that the amount of calories, fat and sugar we put into our bodies will affect our health.
- We will tell you our knowledge and attitude towards drugs.
- We identify things, people and places that we need to keep safe from and know some strategies for keeping ourselves safe, who to go to for help and how to call emergency services.
- We will identify when something feels safe or unsafe.
- We will understand how complex our body is and how important it is to take care of it.

Key vocabulary: healthy, unhealthy, balanced, exercise, sleep, choices, hygienic, medicines, safe, trust.

Impact: we will know what keeps our bodies healthy and how important it is to look after ourselves.



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Computing

Intent: continue with touch typing and then begin exploring email

- We will continue with our touch typing, working with left hand then right hand keys.
- We will then explore the strengths and weaknesses of different kinds of communication.
- We will learn to open, respond and send emails (within the school system).
- We will understand written rules about how to stay safe using email.
- We will create a quiz about email safety.
- We will attach work to an email and understand the meaning of CC.
- We will then work through various email simulations.

Key vocabulary: communicate, email, safety, attachment, cc, bcc

Impact: we will know about different methods of communication, opening and responding to emails, email safety and adding attachments.

Geography

Intent: understand the Earth's layers, tectonic plate movement and how these cause natural disasters.

- We will learn about the layers of the earth and their constituent parts.
- We will learn about tectonic plates and explore an active volcano in Iceland.
- We will identify the location and key aspects of the ring of fire.
- We will explore what causes earthquakes and how they are measured.
- We will learn what causes tsunamis and understand how they affect people.
- We will learn about Mount Vesuvius today and its famous eruption in 79AD, which destroyed the Roman towns of Pompeii and Herculaneum.

Key vocabulary: crust, mantle, core, earthquake, volcano, ring of fire, tsunami, Pompeii

Impact: we will know about the layers of the Earth, how tectonic plates move and how they cause natural disasters.

D.T./Art

Intent: in connection with our Tremors topic, make and paint various items.

In connection with our Tremors topic, this term we will use a range of materials, textiles and ingredients (according to their functional properties) to:

- Design and make an active volcano.
- Design and make a seismometer for measuring an earthquake.
- Design and build an earthquake resistant structure, applying our understanding of how to strengthen and reinforce.
- Apply our recent knowledge of how tsunamis are caused to design and replicate a tsunami.
- Further develop our skills in colour, pattern and texture in both sketching and painting a volcano.

Key vocabulary: materials, paint, model, eruption, earthquake-proof structure, seismometer, tsunami, volcano

Impact: we will apply knowledge and learnt techniques to our own designs and create various items using a range of materials.

P.E

Intent: learn the rules and skills required to play hockey.

In hockey we will:

- Learn to dribble the ball holding the hockey stick correctly.
- Learn to pass and receive the ball accurately to/from another player.
- Learn how to pass/receive the ball accurately to/from another player when travelling.
- Select the best ways to defend.
- Select the best ways to attack and defend.
- Use the knowledge and skills gained to play hockey matches.

Key vocabulary: hockey, ball, stick, dribble, travel, pass, attack, defend.

Impact: we will successfully learn the skills and rules required to play hockey.

Music

Intent: explore a range of different sounds and songs that

- We will listen to and appraise Lean on me (Soul/Gospel song by Bill Withers)
- We will listen and appraise the other gospel-based songs.
- We will learn and/or build on knowledge and understanding about the interrelated dimensions of music through warm up games (including vocal warm ups), flexible Games, learning to sing the song and compose our own lyrics with the Song.
- We will then perform the whole song.

Key vocabulary: pulse, rhythm, pitch, tempo, dynamics, timbre, texture, structure, notation

Impact: gain an awareness of different sounds and songs and enjoy learning and performing our own song.