





Medium Term Planning Spring 2 2025

Year 4

Topic:	Earthquakes
Main Subject	Geography
Linked Subjects	Science (electricity), Art - Nicolas Roerich
NC objective	Describe and understand key aspects of earthquakes.
Main subject key knowledge and skills	Geography * Recognise, name and locate at least 8 countries of the world and their major cities. * Name the main mountain ranges in the UK and wider world * Understand some of the physical processes in the formation of earthquakes * Understand some of the physical processes in the formation of mountains
Linked subject key knowledge and skills	Art <ul style="list-style-type: none">• I can adapt and refine ideas as I progress.• I can explore ideas in a variety of ways.• I can comment on art work using visual language.• I can use a number of brush techniques using thick and thin brushes to produce shapes, textures, patterns and lines.• I can mix colours effectively• I can use watercolour paint to produce washes for backgrounds then add detail.• I can use specific colour language - primary colour, secondary colour, tertiary colours, hue, shades (black added), tints (white added).• I can experiment with creating mood with colour.• I can create original pieces that are influenced by studies of others• I can use layers of two colours. Science <ul style="list-style-type: none">• I can identify common appliances that run on electricity.• I can construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.• I can identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.• I can recognize that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.• I can recognize some common conductors and insulators, and associate metals with being good conductors.
Discrete Subjects	P.E. - Dance, Swimming and Dodgeball French - In the Classroom

Main Text	<p>I survived By Lauren Tarshis</p> 	<p>Poetry</p> <p>Earthquake Poem</p>  <p>Earth rumbles, And buildings crumble with people inside, Rescuers rush to save people, Terror rips through peoples hearts, Horrifying sights are all around us, Quivering people clutch each other, Utter destruction of historic buildings, Knowing of people that have no homes Earth shakes in all directions Sounds of sirens fill the air.</p>
Main Writing Genre	Adventure Story	Poetry - Creating images
Enrichment	<p>Now Press Play (Electricity and Natural Disasters)</p> <p>Link with year 6 about Natural Disasters?</p>	
Weekly overview	<u>WEEK 1</u>	
GEOGRAPHY Earthquakes and Mountains	<p>Reading - Image Poetry</p> <ol style="list-style-type: none"> 1) Vocabulary 2) Text Cohesion 3) Comprehension 4) Inference <p>English - Poetry</p> <ol style="list-style-type: none"> 1) Structural and language features 2) Figurative language (RAFT) 3) Class Plan 4) Write 1st Stanza 5) Write 2nd Stanza <p>Maths - (finish perimeter)</p> <p>FRACTIONS</p> <ol style="list-style-type: none"> 1) Understand the Whole 2) Count beyond 1 3) Partition a mixed number 4) Numberlines 5) Compare and order mixed numbers <p>Geography</p> <ol style="list-style-type: none"> 1) Can I understand what a mountain is and locate some mountains on a map. 2) I can understand how a mountain is formed and describe their key features. 3) Can I describe and name famous mountain ranges. 4) Can I identify similarities in mountain climates. 	
GEOGRAPHY Earthquakes and Mountains	<u>WEEK 2</u>	
	Reading - I survived an Earthquake	

- 1) Vocabulary
- 2) Text Cohesion
- 3) Comprehension
- 4) Inference

English - Poetry

- 1) Write 3rd Stanza
- 2) Edit
- 3) Plan (own)
- 4) Vocabulary development
- 5) Hot write

Maths -

- 1) Understand improper fractions
- 2) Convert mixed numbers to improper fractions
- 3) Convert improper fractions to mixed numbers
- 4) Equivalent fractions
- 5) Equivalent fractions

Geography

- 1) I know what earthquakes are and how they occur.
- 2) Can I locate where famous earthquakes have occurred.
- 3) I understand the human and physical impacts of an earthquake.
- 4) I can summarise my learning.

WEEK 3

Reading - I survived an Earthquake

- 1) Vocabulary
- 2) Text Cohesion
- 3) Comprehension
- 4) Inference

English - Poetry

- 1) Editing
- 2) Neat Write up

Maths -

- 1) Add 2 or more fractions
- 2) Add fractions and mixed numbers
- 3) Subtract 2 fractions
- 4) Subtract from whole amounts
- 5) Subtract from mixed numbers

1. T.L.C: Can I use specific colour language - primary colour, secondary colour, tertiary colours, hue, shades (black added), tints (white added)?
2. T.L.C: Can I use several **brush techniques** using thick and thin brushes to produce **shapes, textures, patterns** and lines?
Can I use **watercolour** paint to produce **washes** for backgrounds then **layer** paint to add detail?
3. Can I mix colours effectively?
4. Can I experiment with creating mood with colour? Can I evaluate my own and others artwork?

WEEK 4

Reading - I survived an Earthquake

- 1) Vocabulary
- 2) Text Cohesion
- 3) Comprehension
- 4) Inference

English - ADVENTURE STORY

1. Structural features
2. Language features
3. Box it up - planning
4. Opening paragraph
5. Sentence Structures

Maths - DECIMALS

- 1) Tenths as fractions
- 2) Tenths as decimals
- 3) Tenths on a place value chart
- 4) Tenths on a number line
- 5) Divide 1-digit number by 10

Science - ELECTRICITY

- What is my prior learning about electricity?
- Can I talk about common appliances that run on electricity? K
- Can I record my findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables? WS
- Can I construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers. K
- Can I record my findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables?

SCIENCE
Electricity

WEEK 5

Reading - Why does Lightning strike?

- 1) Vocabulary
- 2) Text Cohesion
- 3) Comprehension
- 4) Inference

English - Adventure Story

1. Edit vocabulary
2. Tension and Suspense
3. Inverted Commas
4. Edit punctuation
5. Apostrophes

Maths -

- 1) Divide 2-digit number by 10
- 2) Hundredths as fractions
- 3) Hundredths as decimals
- 4) Hundredths on a place value chart
- 5) Divide 1-2-digit number by 100.

Science - ELECTRICITY

- Can I recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit? K
- Can I use results to draw simple conclusions, make predictions for new values, suggest improvements, and raise further questions? WS
- Can I predict if a lamp will light or not in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery.
- Can I show that some materials are conductors, and some are insulators and can explain that metals are good conductors? K
- Can I set up practical enquiries, comparative and fair tests? WS
- Evaluation of learning (Kahoot)

<p style="text-align: center;">PSHE Living in the Wider World</p>	<p><u>WEEK 6 (4 day week due to Eid celebrations)</u></p> <p>Reading - Why does Lightening strike? 1) Vocabulary 2) Text Cohesion 3) Comprehension 4) Inference</p> <p>English - Adventure Story</p> <ol style="list-style-type: none"> 1. Apostrophes 2. Plan 3. Write 4. Edit 5. Publish <p><u>Maths</u></p>
<p>Reflection of Learning</p>	<p>STEM activity - Building an electrical wobble board and testing structures made by children to see whose will last the longest.</p>
<p>Sticky Knowledge</p>	
<p>British values/citizenship</p>	<p>Charities/ Gift aid</p>
<p>Maths links</p>	<p>Compare and classify shape G23 - DT Convert SECS TO MINS - M19 - PE Interpret data - St30 - Geography</p>
<p>Computing Links</p>	<p>* Now Press Play (Electricity and Natural Disasters)</p>

Outdoor learning	
Home learning	
Memory Retention	Timeline World Map 3 rd World countries Fair trade Diary entry