



Girton Glebe Primary School Curriculum Organiser

Lime Class (Y3) – Spring 1

Key Skills Geography skills

Compare and group rocks based on their appearance, properties or uses.

Describe how fossils are formed.

Devise or respond to historically valid questions about a significant historical figure and suggest or plan ways to answer them.

Describe and understand key aspects of physical geography, including: mountains, volcanoes and earthquakes.

Name and locate significant volcanoes and plate boundaries and explain why they are important.

Classify, compare and contrast different types of geographical feature.

Explain the cause and effect of a significant historical event.

Rocks, Relics & Rumbles



Key Vocabulary

erode	impermeable	lava	liquid
magma	molten	Ring of Fire	sedimentary
igneous	tectonic plate	vent	volcanic eruption

Key Knowledge Physical Geography

Structure of Earth (crust, mantle, outer core, inner core.)

Types of rock and its uses

Sedimentary– make from layers of sediment that have settled in water and have been squashed over a long time to form rock.

Igneous– made from cooled magma or lava.

Metamorphic– formed when existing rocks are changed by heat and pressure.

Fossils and Mary Anning

Fossils are the remains or traces of once-living things preserved as rock. Fossils are only found in sedimentary rock.

Mary Anning was an English fossil collector who made many important fossil discoveries, including an Ichthyosaur fossil in 1811 and a fossilised Plesiosaur in 1823.

Plate tectonics

The tectonics plates that make up the Earth's crust float on top of the mantle and are constantly moving. The movement of plate boundaries can cause volcanic eruptions, **earthquakes** and **tsunamis**.

Soil

Soil is the material that covers the Earth's crust. It is made from a mixture of organic matter, air and rock particles from the underlying rock. Soil has many important functions, including anchorage for plant and tree roots and supporting many food chains.



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<p>English:</p> <p>In English we will be basing our work on our Geography-based topic, 'Rocks, Relic and Rumbles'. As part of this, we will be reading <i>'The Firework Maker's Daughter'</i> by Philip Pullman, which will give us opportunities for narrative writing. We will also be completing a poetry unit.</p> <p>In writing, we will focus on:</p> <ul style="list-style-type: none">• Nouns and pronouns• Present perfect tense and past tense• Punctuating direct speech• Paragraphs• Sentence structure (clauses) <p>In reading, we will focus on:</p> <ul style="list-style-type: none">• Learning to read independently.• Dictionary skills and expanding vocab.• Making predictions and retrieving information from a text.• Explaining and summarising things we read.• Making inferences.	<p>Science:</p> <p>This half term, our topic will focus on Rocks and Fossils.</p> <p>During this topic we will cover the following skills:</p> <ul style="list-style-type: none">• Comparing different kinds of rocks based on their appearance in the context of understanding the difference between natural and human-made rocks.• Making systematic and careful observations by examining different types of rocks.• Grouping together different kinds of rocks on the basis of their simple physical properties in the context of natural rocks.• Describing in simple terms how fossils are formed when things that have lived are trapped within rocks by explaining the fossilisation process and by comparing fossils to the animals they belong to.• Identifying changes related to simple scientific ideas in the context of theories about fossils.• Recognising that soils are made from rocks and organic matter by explaining how soil is formed.• Making systematic and careful observations in the context of investigating the permeability of different soils.• Recording findings using simple scientific language.• Reporting on findings from enquiries, including presentations of results and conclusions.	<p>Maths:</p> <p>This half term we shall be covering the following aspects of the maths curriculum:</p> <p>Number – Multiplication and Division:</p> <ul style="list-style-type: none">• Using associated multiplication and division facts e.g using $3 \times 4 = 12$ to solve 30×4• Multiplying a 2-digit number by 2,3,4,5 and 8• Dividing a 2-digit number by 2,3,4,5 and 8.• Understanding that multiplication and division are the inverse. <p>Length and perimeter:</p> <ul style="list-style-type: none">• Measuring in metres, centimetres and millimetres.• Finding equivalent lengths between them.• Converting between units of measurement.• Measuring the perimeter of shapes.• Problem solving with length.
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<p>PSHE: In PSHE we will be thinking about Dreams and Goals. We will cover the following skills:</p> <ul style="list-style-type: none"> • Respecting and admiring people who overcome obstacles. • Imagining how we would feel when we achieve our goals. • Breaking down a goal into steps and know how others can help to achieve it. • Knowing that I am responsible for my own learning. 	<p>Music: In music we will be focusing on 'Latin Dance' and 'Ukuleles' We will cover the following skills:</p> <ul style="list-style-type: none"> • Singing songs in a variety of styles with confidence. • Showing increasing accuracy of pitch and awareness of the shape of a melody. • Imitating increasingly longer phrases with accuracy. 	<p>R.E: This half term we will be looking at: Christianity - Lent During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> • Explaining what Lent means to Christians. • Considering the concepts of commitment and forgiveness. • Discussing and applying our own and others' ideas about ethical questions, including ideas about what is right and wrong and what is just and fair.
<p>Art and DT: During this topic we will cover the following skills: In Art and DT, there will be opportunities to develop a range of artistic and creative skills. Based on our topic, we will be working on our observational drawing skills to depict rocks and fossils in detail. We will then use the ideas generated through our drawing to create our own fossil pictures using pastels and other artistic materials.</p>	<p>Computing: We will cover the following skills: iOffice</p> <ul style="list-style-type: none"> • Learning how to stay safe while on a digital device and learning how to operate Office 365 programs. Our ESafety module covers Cyber Bullying, Online Gaming, Trust, Digital Reputation, Location Permissions, Online Contact and Social Media. All of these topics are covered alongside learning how to use the basic functions within word and spreadsheet processors. 	<p>PE: In PE the children will be practising Dance and Outdoor Adventure Activities. During this topic we will cover the following skills:</p> <ul style="list-style-type: none"> • Creating actions in response to stimulus. • Moving in unison with a partner. • Selecting and linking appropriate actions and dynamics to show our dance idea. • Developing problem solving skills. • Planning, solving, reflecting and improving strategies. • Learning to be inclusive of others.



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French:

Our topic this term is '**Les instruments**'.

During this topic we will cover:

- Recognising, recalling and spelling instruments in French with the correct definite article/determiner.
- Starting to understand articles/determiners better in French.
- Learning to say and write 'I play an instrument' in French using the high frequency 1st person regular verb 'je joue' (I play).