

Geography – Study of our local area, leading to comparisons with another European city and a non-European city. We will:

- Use fieldwork to observe, measure, record and present the human features in the local area using a range of methods, including sketch maps, graphs, and digital technologies.
- Understand geographical similarities and differences through the study of human and physical geography of a London, a European and a non-European city
- Locate the world’s countries and major cities, concentrating on their human characteristics
- Identify and locate buildings on a pre-drawn map, using six figure co-ordinates
- Offer own ideas about a location, using evidence to justify views. We will link with another school in a contrasting location to debate which location is best.

Literacy: We will develop our reading, writing, spelling and grammar skills.

Way Home by Libby Hathorn:

We will explore the text before developing a variety of skills in our own writing including: using effect-metaphors, alliteration, onomatopoeia, direct and indirect speech, persuasion techniques and using parenthesis.

Tasca’s Secret by Katherine Roberts:

We will use this historical narrative to help us improve our own skills before writing a story written in third person, about a child involved in Boudicca’s revolt.

Balanced argument:

Linked to our geography learning, we will present a reasoned argument, comparing life in two cities that have been studied.

Computing:

Computer science: using LOGO

- Design and write programs that have specific goals.
- Use sequence and repetition to create an output
- Use logical reasoning to detect and correct errors

Information technology: using Publisher and E-mail

- Insert a photo from a previously saved file
- Layer objects on a publication
- Insert and format a table
- Attach a file to an email before sending

Digital literacy:

- Discuss good and bad ways to use a mobile phone
- Discuss bullying via mobile phones
- know the legal age to use common apps on a mobile

Science: Properties and changes of materials

- Plan scientific enquiries, select equipment and present findings in a variety of ways
- Compare and group everyday materials on the basis of a range of properties
- Know that some materials will dissolve and describe how to recover a substance from a solution
- Decide how mixtures might be separated
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials
- Demonstrate that dissolving, mixing and changes of state are reversible changes
- Explain that some changes are not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

Art: Urban green spaces. We will:

- Use photos from our trip to London to create collages
- Sketch evidence of urban nature in our immediate area
- Use Edward Lear’s birds as a stimulus for our own bird drawings
- Develop our pencil skills to show texture with pencil strokes and direction
- Use paint to highlight shapes
- Make our own bird relief tile

History: Romans. We will focus on the Romans in London and the surrounding areas.

- Make links with Iron Age to remember what Britain was like before the Roman invasion
- Use specific dates to establish period detail
- Examine a range of sources
- Find out why the Romans established London and what life was like for different groups of people
- Explore British rebellion, focusing on Boudicca
- Understand the Roman legacy in London today

Design and technology: cooking pizza

Planning: We will generate ideas after examining existing pizzas and packaging. After developing our own design criteria, we will plan our own products, taking account of nutritional value, appearance, texture and the environment.

Making: We will develop our cooking skills including chopping, peeling, mixing, kneading and food hygiene. We will work safely.

Evaluating: We will evaluate against our specification and suggest improvements.

Music: based on our experience of London. We will:

- Write a song about London using structure of verse, bridge and chorus (rhyming, without the word London)
- Create own melody to accompany backing track
- Perform song

French: We will:

- Revise greetings and giving personal information
- Say what people have and like
- Talk about school and school subjects
- Ask and tell the time

PE: We will further develop our skills in:

- Hockey:** stick and ball control; dribbling and passing; shooting
- Football:** ball control; moving and types of pass; striking
- Swimming:** body position; legs and arms; breathing; timing.

RE: Judaism. We will learn that Jews believe in one God and in the importance of Abraham. We will also learn about the importance of the Torah and the significance of the Shema and the Synagogue in worship and prayer.

PHSE: Linked to our DT work, we will learn more about healthy eating habits and how bad habits can be hard to break. We will develop our ability to work well with others, improving our negotiation skills and ability to resolve conflicts. Through school council, we will learn how a democracy works. Linked to geography, we will learn about local facilities in our community.

Trips and Visitors: Local walks, river trip on the Thames, walk around central London, Museum visit

<p>History : Anglo-Saxons and Vikings. We will:</p> <ul style="list-style-type: none"> • Make links between periods of history, understanding that there are different interpretations of the past • Understand push and pull factors leading to invasion and settlement • Learn about Scots invasion from Ireland, Anglo-Saxon invasions and Viking invasions. Know some invaders settled and lived peacefully. • Explore sources of evidence and understand that some written sources are biased. • Learn about art, culture, religious beliefs and laws. • Know the significance of Alfred the Great 		
<p>Literacy: We will develop our reading, writing, spelling and grammar skills. We will use two classic texts to develop our understanding of character motivation and author use of language.</p> <p>Beowulf:</p> <ul style="list-style-type: none"> • Study the poem and make character profiles • Dramatise sections of the poem and collect precise vocabulary to ensure understanding • Create own descriptive prose with hero and monster <p>The Highwayman:</p> <ul style="list-style-type: none"> • Study the poem and characterisation • Write extended piece focusing on building suspense, scene and emotional response to character • Write in role as one of the key characters 	<p>Computing:</p> <p>Computer science: using Scratch</p> <ul style="list-style-type: none"> • Use keyboard inputs to control aspects of a game • Use simple forever loops • Program a sprite moving towards the mouse • Use simple colour conditional operator <p>Information Technology: research</p> <ul style="list-style-type: none"> • Understand some websites are made by users • Use a tilde (~) to return synonym results • Copy images using right click and save as • Use define to find dictionary definitions <p>Digital literacy:</p> <ul style="list-style-type: none"> • Understand why we keep personal information private • Understand how we keep personal information private online 	<p>Science: Forces</p> <ul style="list-style-type: none"> • Explain the force of gravity acting between the Earth and a falling object • Identify the effects of air resistance, water resistance and friction that act between moving surfaces • Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. • Plan own investigations and fair tests using only one variable. Take accurate measurements and present findings <p>Animals Including Humans</p> <ul style="list-style-type: none"> • Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. • Describe the life process of reproduction in some plants and animals.
<p>Art: Focusing on Anglo-Saxon art, we will:</p> <ul style="list-style-type: none"> • Use embossing techniques on copper sheets to recreate Anglo Saxon metalwork and nameplate • Examine medieval manuscripts and use quills and ink to create own artwork 	<p>Geography: We will:</p> <ul style="list-style-type: none"> • Describe how aspects of physical geography can influence human settlement • Use maps, atlases and globes to locate countries and rivers throughout the world used by Vikings as trading routes • Name and locate countries and counties of the UK where Vikings settled, understanding how this has changed over time 	<p>Design and technology: weaving</p> <p>Design: Investigate selection of woven objects today and investigate weaving in Anglo-Saxon and Viking times. Design class blanket for a Saxon or Viking.</p> <p>Make: Use weaving card and create own warp before weaving. Add decoration using embroidery techniques.</p> <p>Evaluate: Quality control checks for work, checking measurements. Final evaluation of own square and whole class product against design specification.</p>
<p>Music: based on Viking Gods, we will:</p> <ul style="list-style-type: none"> • Invent music and create own score for group composition • Use instruments to represent the attributes of a given God (using A,B,A,B form) • Create chant to accompany composition 	<p>French: We will learn to:</p> <ul style="list-style-type: none"> • Ask politely for food • Describe making a sandwich and express views about food • Talk about places in town and ask for directions • To write and read some basic phrases 	<p>PE: We will further develop our skills in:</p> <p>Tag rugby: running with the ball; passing, attacking and defending; observing rules during matches</p> <p>Netball: ball control; catching; footwork; defending; opposed possession; shooting and matches</p> <p>Gymnastics: refining shapes, jumps and balances; partner work; using climbing frame and ropes</p> <p>Dance: creating movements to music; following an 8 step routine; using the words in the songs to create relevant movements</p>
<p>RE: Christianity. We will learn about the Sermon on the Mount and Christian attitudes towards peace. We will also explore who Christians believe Jesus to be, both human and divine.</p> <p>PHSE: Learn about strategies for keeping physically and emotionally fit. Understand that we have the right to protect our body from unwanted contact and who can help if they feel worried. In SRE, we will learn about human reproduction and that this is an adult activity. They will further explore changes in puberty and explore the importance of personal hygiene.</p>		
<p>Trips and Visitors: Eric the Viking will visit us for the day, we will visit a Church with links to Vikings and visit the Painted Hall in Greenwich.</p>		

Geography – We will focus on physical geography, as well as thinking about the impact humans have on our planet. We will:

- Identify the position of and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Prime/Greenwich Meridian and time zones (including night and day). Which climate zone would you like to live in and why?
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied i.e. climate zones, volcanoes, mountains and fault lines
- Understand the impact of natural phenomena on people’s lives e.g. flooding
- Make observations about how humans can damage the earth and make suggestions about how we can be responsible citizens

Literacy: We will develop our reading, writing, spelling and grammar skills.

Floodland by Marcus Sedgewick:

- Extended narrative writing centred around a dilemma
- Examine character development, changes of setting and narrative structure.
- Use knowledge from the novel and film narrative about 2004 tsunami to write own disaster stories, using dilemma to build suspense.

Explanation text:

- Analyse explanation texts before writing own explanation of a natural phenomenon

Persuasive text:

- Analyse persuasive texts, noting form and typical language features
- Research a topical issue affecting our Earth before writing own persuasive text

Computing:

Computer science: using Scratch

- To use *if* selection
- Use *if... else...* selection.
- Investigate different ways to use selection

Information technology: EBooks

- Create a new eBook
- Understand that when word processing the text is primary
- Produce a multimedia eBook combining video, pictures, text and audio
- Attach author data for publishing and publish book

Digital literacy: understanding the school network

- Know which devices connect to the server
- Understand what the server is and its components
- Identify where problems may occur and how they might affect the network

Science: Rocks:

- Compare and group together different kinds of rocks using appearance and simple physical properties
- Describe in simple terms how fossils are formed when things that have lived are trapped within rock
- Recognise that soils are made from rocks and organic matter

Earth and space:

- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- Describe the movement of the Moon relative to the Earth
- Describe the Sun, Earth and Moon as approximately spherical bodies
- Use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky

Art: We will spend one day a week for half a term working with our art specialist. We will:

- Explore relief printing, focusing on texture, line and form
- Develop drawing skills on a 3D object using hurricanes as a stimulus
- Develop printmaking skills, using a printing press Develop network drawings with colour notes
- Explore hot and cold colours, creating bunting
- Use work of Andy Warhol and Ravalious as a stimulus

Design and technology: Light boxes

Design: Investigate selection of battery operated light sources and design a light box/lamp that shows a star constellation

Make: Measure, mark out and cut accurately; assemble, join and combine materials to make a light box/lamp; use tools such as saws and vices safely and accurately; use electricity circuits to make a light source.

Evaluate: Evaluate finished product against design brief

Music: using Garage Band app

- Familiarisation with music technology
- Layer a song with chosen instruments
- Create a minimum of 2 sections of a song

French: We will:

- Ask and say where we are going on holiday
- Talk about holiday plans and express opinions
- Talk about rooms of the house and activities at home
- Learn to read and write simple words and phrases

PE: We will further develop our skills in:

- Gymnastics:** creating balances with a partner and on apparatus; jumps from apparatus; using the climbing frame and ropes
- Dance:** creating movements to music; following an 8 step routine; using the words in the songs to create relevant movements
- Cricket:** catching and throwing; bowling; striking; diamond cricket
- Rounders:** catching, bowling and batting; striking a moving ball; fielding including bases; matches

RE: Buddhism. We will learn about the Buddha and his teachings. We will also learn about the Buddhist community, home shrines and Buddhist temples.

PHSE: We will learn more about a range of issues that can affect families e.g. bereavement, separation or divorce. We will learn about the lives of people living in different places and issues facing refugees. We will learn about discrimination and challenging stereotypes.

Trips and Visitors: Trip to the Natural History Museum, Trip to the Royal Observatory in Greenwich, with planetarium show and workshop.