

Year Group:	5	Term: Autumn 1
Learning Challenge Title:	What's it like in the Brazilian rainforest?	Geography
<p>NC Objectives:</p> <p>Geography</p> <ul style="list-style-type: none"> identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water <p>Art:</p> <ul style="list-style-type: none"> to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay] 		
Wow starter:	Virtual tour of a rainforest	
1	Where are the rainforests?	
2	What are the main features of a rainforest?	

3	Who lives in the rainforest?
4	How important is the Amazon to the South American Rainforest?
5	How would you survive in the rainforest?
Celebration/presentation	Tribal Art and Dance
Writing Opportunities: Non Chron report. Instruction Writing. Narrative. Persuasive Argument. Comparison Diary.	

Year Group:	5	Term: Autumn 1
• Learning Challenge Title:	Which animals survive in the rainforest?	Science
Science: <ul style="list-style-type: none">Describe how living things are classified into broad groups according to common observable characteristics andbased on similarities and differences, including micro-organisms, plants and animalsGive reasons for classifying plants and animals based on specific characteristics.		
Wow starter:	Virtual tour of rainforest.	
LC Questions: 1	Can you classify a group of animals and plants from the Rainforest?	
2	Can you draw classification keys for groups of animals or plants?	
3	Can you discover the special attributes that some animals and plants have to help them survive?	
4	What are micro-organisms and how would you classify them?	
5	Can you design your own micro-organism?	
Writing Opportunities: Non Chron report. Explanation texts.		

Year Group:	5	Term: Autumn 2
Learning Challenge Title:	Where the Anglo-Saxons really smashing?	Humanities
History: <ul style="list-style-type: none"> • Britain's settlement by Anglo-Saxons and Scots • Roman withdrawal from Britain in c. AD 410 and the fall of the western Roman Empire • Scots invasions from Ireland to north Britain (now Scotland) • Anglo-Saxon invasions, settlements and kingdoms: place names and village life □ Anglo-Saxon art and culture • Christian conversion – Canterbury, Iona and Lindisfarne 		
Wow starter:	School walk with classification.	
LC Questions: 1	When did the Anglo Saxons rule and where did they come from?	
2	Where did they settle?	
3	What was life like in an Anglo Saxon village	
4	What did Anglo-Saxon believe?	
5	Who was Alfred and why was he great?	
6	Which Anglo-Saxon Christian symbols remain today?	

Writing Opportunities: Letter of Complaint. Narrative. Newspaper report.

Year Group:	5	Term: Autumn 2
Learning Challenge Title:	What's the Matter?	Science
Science <ul style="list-style-type: none"> • compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets • know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution • use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating • give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic • demonstrate that dissolving, mixing and changes of state are reversible changes • explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda 		
Wow starter:	Compare Different Materials.	
LC Questions: 1	Can we get bread back from toast?	
2	Can we change states?	
3	Can we get salt and sand back from water?	

4	Can we separate a mixture of items?
5	Why don't we have chocolate fireguards?
6	Can you solve a crime using your scientific findings?
Writing Opportunities: Explanation.	