

Wood End Primary School Class plan - Otter - Y6 LF - 21/22 Cycle A

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Planned term	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1
Suggested text	Street Child	Archie's War - WW1 Rose Blanche- WW2	Touching the Void - GR Shackleton's Journey - POR	Freedom- Catherine Jenkins	Holes – Louis Sachar

Memorable experience	Visit a Victorian classroom at the Blackcountry Living Museum, If not possible, create a Victorian style classroom in school and follow Victorian schooling traditions.	Evacuee Day - visitor in	Polar expedition - investigate ice - make a giant iceberg. Observe how the iceberg sits in the water and how it changes over time. Explore questions, such as ' What happens if you add salt to the iceberg?'	Visit the International Slavery Museum - Liverpool This virtual classroom introduces students to Liverpool's involvement in the trade, explains fundamental aspects of transatlantic slavery, and explores its impact on the lives of those involved.	Traditional Mexican musical performance; make Mexican instruments and hats; taste traditional Mexican food and drink
Innovate challenge	Set up the hall as a Great Exhibition at the Crystal Palace. Promote special, social and industrial cause. Children to present their own cause using persuasive features.	Local history - make a digital memorial book to commemorate some of the people from your area who died during conflict. Collect evidence and use the evidence to create an entry for their chosen person in a digital memorial book.	Polar rescue mission. Write a magazine article for 'Pole to Polar', a company specialising in Arctic Circle cruises. Use knowledge of the polar region and further online research.	Choose an inspirational black Briton, research their life and achievements and create a historical report that explains the impact that they had on life in Britain and beyond.	Religious Festival - play got the gods in a processional march, to fill the ain with musical sounds, the beat of drums, the rattle of shells and the haunting sound of pottery flutes. Dres for the occasion.

Guided Reading

English	House Captain speeches Non- chronological reports Diary Personification poem Playscript Email Narrative	Persuasive posters; Historical narratives; Nonets	Non-chronological reports; Haiku poetry; Newspaper reports; Adventure narratives	Newspaper reports; Persuasive letters; Non-chronological reports; Acrostic poems	Invitations; Postcards; Instructions; Myths and legends; Poetry
Mathematics	Number: Place Value Number: Addition, Subtraction, Multiplication, Division	Number: Fractions Geometry: Position and Direction	Number: Decimals Number: Percentages Number: Algebra	Measurement: Converting units Measurement: Perimeter, Area and Volume Number: Ratio	Statistics Geometry: Properties of shape

Science

LIGHT Recognise that light appears to travel in straight lines Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them Love to Investigate: Can fruit light a bulb?

ELECTRICITY Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches Use recognised symbols when representing a simple circuit in a diagram. Love to Investigate: Can you send a coded message?

LIVING THINGS AND THEIR HABITATS Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences. including microorganisms, plants and animals Give reasons for classifying plants and animals based on specific characteristics. Love to Investigate: How do animals stay warm?

ANIMALS INCLUDING HUMANS Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function Describe the ways in which nutrients and water are transported within animals. including humans. Love to Investigate: How does blood flow?

EVOLUTION -Darwin's Delights Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. Love to Investigate: How can we make Red?

Geography

Cities and transport in Victorian times Identify locations on a map of London Make a sketch map of the area: labelling key geographical features. Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom

Evacuation locations - use a map and eight points of a compass Targets of the Blitz - map sketching Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom

Arctic and Antarctic regions; Polar climates; Polar day and night; Polar oceans: Polar landscapes; Climate change; Natural resources; Indigenous people; Tourism Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

Africa - countries. land use, natural resources, location, settlements. population, climate and physical features Describe and understand key aspects of 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 describe and understand key aspects of physical geography, including: climate zones. biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle

Maps; Human and physical geography of Mexico Use world maps and satellite images to locate Mexico; identify which hemisphere it is in: its location in relation to the equator and its surrounding countries. Use lines of longitude and latitude or grid references to find the position of different geographical areas. Locate some of the main cities of the ancient Maya civilisation.

History	Victorians	First and Second World Wars; Causes; Warring nations; Weaponry, warfare and technology; Key events and battles; Impact on citizens and everyday life; Significant leaders; End of war; Local history study; Remembrance; Post- war Britain	Polar exploration; Significant people – Robert Falcon Scott; Ernest Shackleton; Significant events – Titanic	Ancient African kingdoms; Development of the transatlantic slave trade; Britain's role in the slave trade; Human impact; Everyday life on plantations; Rebellion and marronage; Causes and consequences of the abolition of the slave trade and slavery; Colonisation of Africa; Black people in 20th century Britain; Race Relations Act; Equality Act; Significant black Britons; Multiculturalism	Use a range of non fiction books to find out about daily life in Mexico. Create a in-depth study of the characteristics and importance of past ancient civilisation (people culture, art, politics hierarchy)
Religious education	Sikhism	Judaism - Holocaust	Christianity	Buddhism	Hinduism
Art and design	Artists of the Victorian period; Printing				Sculpture; Maya ar Carving

Design and technology	Victorian homecraft; Structures			Food of Mexico; Evaluating and making instruments
Computing	E-Safety Digital Literacy Victorian Photography - ipads	Programming - Purplemash 2Logo		Online research; Presentations
Music	Victorian parlour songs			Mexican music; Musical notation
Personal, social and emotional development				
Personal, social and health education	Reflecting on achievements		Prejudice and discrimination; Diversity and multiculturism	
Physical education	Exercise			Dance

	Gallery RebelsArt and design	Image: constraint of the second sec	Image: Contract of the second secon	With the second secon	Image: selection of the se
Planned term	SUMMER 2				
Suggested text	Wonder - R.J. Palacio				
Memorable experience	Visit a local or national art gallery to view an art exhibition OR have an artist as a visitor for the day.	Cemetery visit	ls Sunday a special day?	Making elixirs	Taking a journey

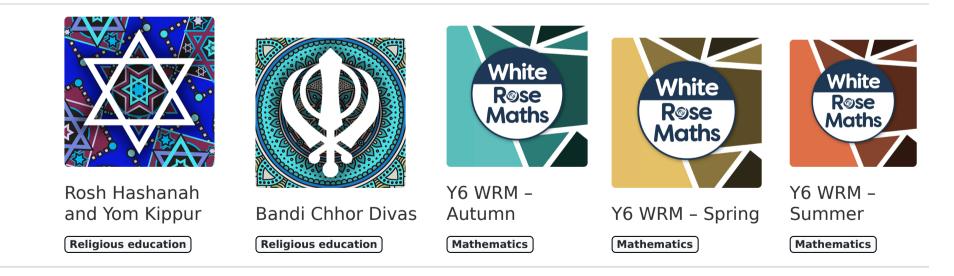
Innovate challenge	Damien Hirst's formaldehyde work- chn to create an exhibition called 'Suspended Treasures' to attract a younger audience. Invite parents and other classes to attend, if possible,	Thinking about change	Thinking about worship	Exploring devotion	Exploring faith
Guided Reading					
English	Research; Short narratives; Expressionist poetry; Surrealist narratives; Explanations				
Mathematics	Consolidation				
Science	WORKING SCIENTIFICALLY (ongoing) Planning different types of scientific enquiries to answer questions, including recognising and				

controlling variables where necessary Taking measurements, using a range of scientific equipment, with increasing accuracy and precision Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, and bar and line graphs Using test results to make predictions to set up further comparative and fair tests Using simple models to describe scientific ideas Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of results, in oral and

	written forms such as displays and other presentations Identifying scientific evidence that has been used			
	to support or refute			
	ideas or			
	arguments. Love to			
	Investigate: Is			
	green really green?			
Geography	Locational			
	knowledge Locate			
	the world's			
	countries, using			
	maps to focus on			
	Europe (including			
	the location of			
	Russia) and North			
	and South America,			
	concentrating on			
	their environmental			
	regions, key			
	physical and			
	human			
	characteristics,			
	countries, and			
	major cities Name and locate counties			
	and cities of the			
	United Kingdom,			
	geographical			
	geographical			

	regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time				
History					
Religious education	Islam	Buddha's death; Rebirth; Change	Significant days; Religious affiliation in the UK; Worship	Pilgrimage; Birth and rebirth; Life of a Naga Sadhu; Devotion	Muhammad's journey; Sacred stories; Faith
Art and design	Great artists of the 19th and 20th centuries				
Design and technology	Tools and materials				
Computing	Collecting, evaluating and presenting data				

Music	Listening, improvising and composing
Personal, social and emotional development	
Personal, social and health education	Emotions
Physical education	Dance



Planned term

Suggested text

Memorable experience	Guess the sound	Escape room
Innovate challenge	Exploring forgiveness	Thinking about defence
Guided Reading		
English		

Mathematics

Block 1: Number -Numbers beyond 20. Positive numbers: Block 2: Number - Addition methods. Subtraction methods. Problems (addition and subtraction), Estimating and checking, Problems (multiplication and division), **Multiplication** methods, Division methods. Multiplication, Division; Block 3: Number -Equivalence, Counting and calculating with fractions. Addition with fractions. Subtraction with fractions, The four operations and fractions: Block 4: Geometry -Position, direction and coordinates

Block 1: Number -Recognise, order and compare decimals, Fractions, decimals and percentages, Problems (Decimals and percentages); Block 2: Number -Fractions. decimals and percentages; Block 3: Number -Algebra; Block 4: Measurement -Converting units; Block 5: Measurement -Problems (measurement), Volume and capacity, Area; Block 6: Number - Ratio: Block 7: Statistics -Construct, read and interpret, Problems (statistics), Pie charts

Block 1: Geometry – Angles, Shape

Science		
Geography		
History		
Religious education	New Year; Repentance; Forgiveness	Guru Hargobind; Leadership; Freedom; Defence
Art and design		
Design and technology		
Computing		
Music		
Personal, social and emotional development		
Personal, social and health education		
Physical education		