Chelford 1754
C of E Primary School

Class 3
Year 4 / Year 5 / Year 6
Rolling Programme of Study

September 2022

Class 3 Rolling Programme of Study Year 4 / 5 / 6 Year A :

	Autumn		Spring		Summer	
Topic	**Invaders (Anglo Saxons and Scots / Vikings)**		**The Maya**		**North America**	
Tagline Question	Why did the Dark Ages follow the time of the Romans?		What led to the demise of the Maya civilisation?		What does it mean to 'have a dream'?	
Whole Class Text	Beowulf (Michael Morpurgo) Non-fiction books on Anglo Saxons and Vikings		Pig-Heart Boy (Malorie Blackman) (link to science topic) Non-fiction books on the Mayans		Wonder (R.J. Palacio) Non-fiction books on North America	
British Values	Rule of law (comparison between Saxon and modern laws)		Mutual respect		Individual liberty - what is freedom? (link to history)	
Literacy	Legend: Prequel to Beowulf (linked to Heracles legend C2YBT2) Newspaper report: Grendel Killed! Diary: written from Beowulf's perspective Harvest poetry	Playscript: Represent scene from text for shadow puppet play (link to Science and DT) Character descriptions based on text	Non-chronological report: The History of chocolate Formal letter: Letter to headteacher to request that chocolate is banned from school. Opinion: Review a chosen chocolate bar	Persuasion: Advert for new chocolate bar Explanation: PHB: How does the circulatory system work (link to science) Discussion: Should animal testing be allowed?	Personification poetry: The Statue of Liberty (iMovie project) Diary: Auggie Narrative: Write the opening to the next chapter of Wonder	Poetry: Exploring disability (linked to Auggie's experiences is Wonder text) Explanation: How were the Rockies formed? *(linked to geography)* Speeches: 'I have a dream' - what is your 'dream'.
Numeracy - WRSoL Year 4	Place value Number: addition and subtraction	Measurement:length and perimeter Number: multiplication and division	Number: multiplication and division Measurement: area Number: fractions	Number fractions Number: decimals Consolidation	Number: decimals Measurement: money Measurement: time	Statistics Geometry: properties of shape Geometry: position and direction Consolidation
Numeracy - WRSoL Year 5	Place value Number: addition and subtraction Statistics	Number: multiplication and division Measurement: perimeter and area	Number: multiplication and division Number: fractions	Number: fractions Number: decimals and percentages	Number: decimals Geometry: properties of shape	Geometry: position and direction Measurement: converting units Measurement: volume
Numeracy - WRSoL Year 6	Place value Number: 4 operations	Number: fractions Geometry: position and direction	Number: decimals Number: percentages Measurement: converting units	Measurement: perimeter, area and volume Number: ratio	Statistics Geometry: properties of shape	Consolidation and themed practice
Science Year 4	Sound (Y4)	States of matter (Y4)	Electricity (Y4)		Animals including humans (Y4)	Living things and their habitat (Y4)
Science Years 5 & 6	Light (Y6)	Forces (Y5)	Animals including humans (Y5 & Y6)		Living things and their habitat (Y5 & Y6)	

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Working scientifically through science topics - Year 4	*Investigating string telephones; investigating tuned instrument (guitar), investigating pitch with water bottles.*					
Working scientifically through science topics - Year 5 and 6			*Investigating impact of exercise on circulatory system; direction of animal heart;*			
Computing Y4 *Refer to Purple Mash scheme of learning for information*	Online safety (4 sessions) Coding (6 sessions) Hardware investigators (2 sessions)		Spreadsheets (6 sessions)	Writing for different audiences (5 sessions)	Logo (4 sessions) Animation (3 sessions)	Effective searching (3 sessions) Making music (4 sessions)
Computing Y5/6 *Refer to Purple Mash scheme of learning for information*	Online safety Y5 unit 5.2 (2 sessions) Online safety- Y6 unit 6.2 (2 sessions) Coding units 5.1 and 6.1	Coding units 5.1 and 6.(11 sessions in total)	Spreadsheets units 5.3 / 6.3 (11 sessions)		Word processing unit 5.8 (8 sessions)	Understanding binary unit 6.9 (4 sessions)
Geography	Locational knowledge: Where did the Scots, Angles, Saxons and Jutes come from? Map journeys. *(Link to C2YAT1)*		Locational knowledge: Where did the Maya civilisation thrive?		Locational knowledge: Plotting countries, major cities, rivers, mountains, biomes; Physical geography study: Earthquakes - why do earthquakes occur? A study of the San Andreas fault line Identification of ring of fire on world map Comparison between cities in US (New York), UK (London) and France (Paris) - similarities and differences.	
History	Why would others invade and conquer Great Britain after the Romans left? *(link to C3YCT3)* Comparison between the time of the Romans and Dark Ages - why did British society regress? Timeline of Saxon / Viking invasion - key dates and events Who was King Alfred and why is he so revered? Social systems in Anglo Saxon times. Significance of Sutton Hoo. What are the key legacies from the time of the Saxons / Vikings?		Key dates Who were the Maya? Identification of MesoAmerica region on world map and exploration of natural forest environment Social structures of the Maya Maya writing and calendars Beliefs, daily practices, astronomy etc… What happened to the Maya civilisation? What can we learn about the Maya from relics and artefacts?			
Design Technology		Seasonal Stockings - Plan Bee unit		Seasonal Food - Plan Bee unit		
Art and Design	Cereamics: Design and construct Saxon-inspired jeweller (Hilly Kerr)		The Maya (3D mask project) Plan Bee		Pop art: Printing: Jasper Johns, Andy Warhol, Jim Dine	Abstract Expressionism: Painting: Mark Rothko, Jackson Pollock **EXHIBITION: Art evening exhibition in School hall.**
French	Open questions Physical descriptions	Guess who?	Central America	Central America	Free time	North America
Music	Call and response - songs from Africa	Composition 1 - Dance music	Recorders 1	Recorders 2	Music from around the world - folk	Group performance - ostinato
RE Christianity	Good News / God (Y4 unit)	Christian Community / Incarnation (Y4 unit)	Kingdom of God (Y4 unit)	Forgiveness, Salvation, Resurrection (Y4 unit)	Discipleship, Holy Spirit, Creation (Y4 unit)	

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RE World Religions			Hinduism (Y4 unit)			Hinduism (Y4 unit)
PE	Invasion games: football Swimming Gymnastics	Invasion games: Hockey Gymnastics	Swimming Invasion games: Tag rugby Dance	Invasion games: hi-five netball Dance Swimming	Cricket Tennis	Rounders Athletics Outdoor pursuit activities
PHSCE	Get Heartsmart (Year 4 unit)	Don't Forget To Let Love In (Year 4 unit)	Too Much Selfie Isn't Healthy (Year 4 unit)	Don't Hold On To What's Wrong (Year 4 unit)	Fake Is A Mistake (Year 4 unit)	No Way Through Isn't True (Year 4 unit)
Visits			The Maya - Cadbury's World, Birmingham *(link to history)*		Liverpool Tate Art Gallery (link to art)	Safety central *(link to safeguarding / PHSCE)* Robinwood residential *(link to PE)*
Visitors		www.vikingschoolvisits.com	Maya archeologist: https://mayaarchaeologist.co.uk	Cheshire Chocolate Studio visit St Johns Ambulance Service to lead first aid training with pupils		

Class 3 Rolling Programme of Study Year 4 / 5 / 6 Year B

	Autumn		Spring		Summer	
Topic	**World War II**		**South America**		**Local Study**	
					Manchester: From Manunian, to Cottonopolis to Today	**Chelford**
Tagline Question	What makes a hero or heroine?		What are the consequences of deforestation?		How has Manchester evolved over time?	What makes Chelford home?
Whole Class Text	Letters From the Lighthouse - Emma Carroll		Explorers - Katherine Rundell		You are a Champion - Marcus Rashford Children's History of Manchester - Tracy J Holroyd	
British Values	Democracy		Individual liberty		Mutual respect and tolerance - what it means to be part of a community	
Literacy	Narrative: Write an opening; next chapter to a WWII story Playscript: Write, act and film a news report of children being evacuated in 1939 *(green screening - link to C2YBT3 iMovie - computing)* Newspaper report: War event (declaration of war / victory; Day, Dunkirk)	Report: What was rationing and why was it important? Biography: Alan Turing / Bert Trautmann Recount: Visit to Stockport Air Raid Shelters Narrative: Story opening based on living during Blitz (post Stockport visit).	Diary: Entry from character's perspective Narrative: Re-write a scene from the class text, 'Explorers'. Explanation: Why is deforestation contributing to climate change?	Persuasion: Formal letter to Prime Minister / MP regarding deforestation Personification poetry: The forest Opinion: Book review: 'Explorers'	Write a biography of an influential (adopted) Mancunian: Emmeline Pankhurst, Bert Trautmann, *(link to WWII topic)*, Marcus Rashford, Alan Turing Non-chronological report: The Manchester Ship Canal Poem: This is the Place - Tony Walsh	Write and record a Chelford CE Primary School podcast Write a marketing leaflet for Chelford CE Primary School Discussion: Should HS2 go ahead? Formal letter to MP in support / opposition of HS2
Numeracy - WRSoL Year 4	Place value Number: addition and subtraction	Measurement: length and perimeter Number: multiplication and division	Number: multiplication and division Measurement: area Number: fractions	Number fractions Number: decimals Consolidation	Number: decimals Measurement: money Measurement: time	Statistics Geometry: properties of shape Geometry: position and direction Consolidation
Numeracy - WRSoL Year 5	Place value Number: addition and subtraction Statistics	Number: multiplication and division Measurement: perimeter and area	Number: multiplication and division Number: fractions	Number: fractions Number: decimals and percentages	Number: decimals Geometry: properties of shape	Geometry: position and direction Measurement: converting units Measurement: volume
Numeracy - WRSoL Year 6	Place value Number: 4 operations	Number: fractions Geometry: position and direction	Number: decimals Number: percentages Measurement: converting units	Measurement: perimeter, area and volume Number: ratio	Statistics Geometry: properties of shape	Consolidation and themed practice
Science Years 5 & 6	Properties and changes of materials Y5)	Electricity (Y6)	Earth and space (Y5)		Evolution and inheritance (Y5)	

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Working scientifically through science topics - Year 5 and 6		*Investigating circuits - impact of adding additional components*	*Moon diaries*			
Computing Y4 *Refer to Purple Mash scheme of learning for information*	See Year A for details					
Computing Y5/6 *Refer to Purple Mash scheme of learning for information*	Databases unit 5.4 (4 sessions) 3D modelling unit 5.6 (4 sessions)	Text adventures unit 6.5 (5 sessions) Concept maps unit 5.7 (4 sessions)	Blogging unit 6.4 (4 sessions)	Quizzing unit 6.7 (6 sessions)	Game creator unit 5.5 (5 sessions) Networks unit 6.6 (3 sessions)	Spreadsheets unit 6.9 (8 sessions)
Geography	Locational knowledge: Identification of axis / allied countries on map of world and Europe Identification of blitzed cities on UK map - why were cities targeted?		Locational knowledge: countries, cities, mountains, rivers South American biomes <u>Rainforest study:</u> <u>What is a tropical rainforest?</u> What is deforestation? Economics vs Ecology: Economic reasons for deforestation Plot other tropical rainforests around the world and draw comparisons in relation to tropics. Water cycle	Features of a rainforest Impact of deforestation (human and and physical geography - indigenous tribes, impact on CO_2, soil erosion, flooding, natural environment) Comparison between UK region (Chelford / Manchester) with Amazonia region of SA. Trade: Rainforest alliance / FairTrade What can be done to help save the Amazon Rainforest?	Locational knowledge: Where is Manchester *(link to history C3YCT3 - between Roman cities of York and Chester)*? Manchester exports - from cotton to sports, leisure and music. Why was Manchester an ideal city to be at the centre of the cotton industry? Local topography.	Litter in Chelford: Geographical enquiry and recommendations to Chelford Parish Council. Exploration of ordinance survey maps.
History	Events leading to WWII WWII timeline Key leaders of nations Classification of axis, allies and neutral nations Key events: Dunkirk evacuation and D-Day landings End of WWII	Life on the Homefront: Evacuation Rationing Warfare (Blitz) Propaganda Legacy of WWII - aftermath: Windrush, solution to social challenges.			History of Manchester from Romans to the industrial revolution to today. Impact of the industrial revolution Population study - why was there such an explosion in the population on Manchester during the 19th Century? What were conditions like for workers in industrial Manchester? Impact of the Industrial Revolution on enslaved populations in America	How has Chelford changed over time? Exploring sources: Interviewing residents for first hand recounts of events. 8-point compass Map drawing skills
Design Technology		Air raid shelters (incorporating electrical circuit) (link to history and science).	Design and make a healthy smoothie using fruits from the rainforest		A Day at the Seaside - design, build and programme a fairground ride	
Art and Design	Painting / collage: Picasso: Guernica, Weeping Woman - whole class collaborative wall display			David Hockney - exploring the Amazon through the eyes of Hockney unit **CONWAY CENTRE ART WORKSHOPS**	L S Lowry - Manchester's industrial landscapes - painting and drawing - whole class collaborative display	

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French	The World	Weather	Artists	South America	In town	In town
Music	Music for change	Composition 2 - graphic scores	Brass 1	Brass 2	Music from around the world - South America	Group performance - musical recycling
RE Christianity	Good News / God (Y5 unit)	Christian Community / Incarnation (Y5 unit)	Kingdom of God (Y5 unit)	Forgiveness, Salvation, Resurrection (Y5 unit)	Discipleship, Holy Spirit, Creation (Y5 unit)	
RE World Religions			Islam (Y5 unit)			Islam (Y5 unit) Judaism (Y5)
PE	Invasion games: football Gymnastics	Invasion games: Hockey Swimming Gymnastics	Sportshall athletics Invasion games: Tag rugby Dance Swimming	Invasion games: hi-five netball Dance	Cricket Tennis	Rounders Athletics
PHSCE	Get Heartsmart (Year 4 unit)	Don't Forget To Let Love In (Year 4 unit)	Too Much Selfie Isn't Healthy (Year 4 unit)	Don't Hold On To What's Wrong (Year 4 unit)	Fake Is A Mistake (Year 4 unit)	No Way Through Isn't True (Year 4 unit)
Visits	Stockport Air Raid Shelters	Safety Central - Lymm		Chester Zoo (Rainforest workshop) https://www.chesterzoo.org/schools/workshop/rainforests/ (link to topic)	Museum of Science and Industry Lowry Centre	Field trip - a walk through Chelford Cheadle Mosque and Community Centre (link to RE)
Visitors			Dave and Sue Shaw: http://www.rainforestroadshow.co.uk		Local councillors / mayor	Claire Moores - local historian

Class 3 Rolling Programme of Study Year 4 / 5 / 6 Year C

	Autumn		Spring		Summer	
Topic	**Standing on the Shoulders of Giants**		**Fascinating Discoveries**		**The Romans in Great Britain**	
	The Fight for Equality	**Emergency on Planet Earth**	**The Solar System**	**Tomorrow's World**		
Tagline Question	Why is equality worth fighting for?	How can we cure our planet?	What lies beyond planet Earth?	How will emerging technologies impact on our lives in the future?	How has the Roman invasion and occupation of Great Britain shape our lives today?	
Whole Class Text	Long Walk To Freedom (abridged for children) The Boy at the Back of the Class (Onjali Q. Rauf) The Last Bear (Hannah Gold)		Hidden Figures (Margot Lee Shetterly) Non-fiction texts on space exploration / the solar system		Survivors - David Long Non-fiction texts on the Romans	
British Values	Individual liberty - what does it mean to be free? (link to equality)		Tolerance and respect			
Literacy	Non-chronological report: The suffragette movement Poetry: Exploring equality Diary - Emmeline Pankhurst / Nelson Mandela / Martin Luther King	Explanation: Why is plastic pollution becoming a global threat? Biography: Sir David Attenborough / Greta Thunberg Formal letter to supermarket to request less packaging on goods	Newspaper report: Lunar landing 1969 / Challenger '86 disaster Narrative: Science fiction set on an imaginary planet Biography: Local hero - Sir Bernard Lovell Recount: Our visit to Jodrell Bank	Discussion: Should iPad be banned in primary schools? Non-chronological report - Building greener future - the advantages of electric cars. Persuasion: Write a formal letter to MP to suggest how children can be made safer from harms of technology (inc social media)	Non-chronological report: What benefits did the Romans bring to Great Britain? Diary: Linked to Survivors Essay: Perseverance: The art of never giving up - linked to survivors text	Narrative: re-write a scene / next chapter from a survivors as a narrative Dewa Chester 'Trip Advisor' review Newspaper report: Based n event from Survivors
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Science	Science to be taught on a two-year cycle: Year A and Year B					

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Working scientifically through science topics	Science to be taught on a two-year cycle: Year A and Year B					
Computing *Refer to Purple Mash scheme of learning for information*	Computing taught on 2-year rolling programme in Year 4 (see Year A) Computing taught on 2-year rolling programme in Years 5/6 (see Years A and B)					
Geography		Climate change and global warming - impact of human activity What is a carbon footprint?			Roman Empire - mapping the areas occupied by the Roman Empire at its peak.	
History	Significant individuals - their achievements, struggles and legacies: Civil Rights Movement Suffragette movement *(linked to democracy - British Values)* Alan Turing		Lunar landings 1969 - key individuals involved Contribution of Katherine Johnson, Dorothy Vaughn and Mary Jackson *(link to PHSCE)*	Charting timeline of significant technological advances: From the Manchester Baby *(link to C3YBT3)* to AI and beyond	The expansion of the Roman Empire - what is an empire? Romans in Great Britain timeline (key dates) Resistance if Celts - Boudicca Roles within Roman society in Britain Legacy - impact on Britain - towns and cities, language, roads, trade, architecture; visit to Chester Dewa experience Investigating artefacts - what can we learn about the Romans archeological discoveries? Why did the Romans invade / leave Great Britain? What is the legacy of the Roman occupation of Great Britain?	
Design Technology				Fashion and Textiles - Plan Bee unit		Building Bridges - Plan Bee unit
Art and Design	Street Art - Plan Bee unit	Extreme Earth - Plan Bee unit		Famous Fashions - Plan Bee unit	Yayoi Kusama Plan Bee unit	
French	Rights of the child French music		Planets		Asterix and the Romans Mali	Mali
Music	Is classical music cool?	Composition 3 - Music for film	Samba 1	Samba 2	Music from around the world - Africa	Group performance - pentatonic scales
RE Christianity	Good News / God (Y4 unit)	Christian Community / Incarnation (Y4 unit)	Kingdom of God (Y4 unit)	Forgiveness, Salvation, Resurrection (Y4 unit)	Discipleship, Holy Spirit, Creation (Y4 unit)	Hinduism (Y6 unit) Cross religions (Y6 unit)
RE World Religions			Hinduism (Y6 unit)			
PE	Invasion games: Hockey Inclusive games: Boccia / New age kurling	Gymnastics Dance	Gymnastics Dance	Invasion games: Football Dodgeball	Cricket Tennis	Tri Golf Athletics
PHSCE	Get Heartsmart (Year 4 unit)	Don't Forget To Let Love In (Year 4 unit)	Don't Hold On To What's Wrong (Year 4 unit)	Too Much Selfie Isn't Healthy (Year 4 unit)	Fake Is A Mistake (Year 4 unit)	No Way Through Isn't True (Year 4 unit)

Visits		Recycling Centre - Halton and Merseyside	Jodrell Bank, Macclesfield (link to science and literacy)		Dewa Chester visit	Conway Centre residential visit
Visitors	International Slavery Museum - Liverpool					

Whole school themed weeks (2 year cycle)

Cycle A	Refugee week	Charity week	Arts Week
Cycle B	Black History week	Wellbeing week	Aspirations week