

Chorlton Park Primary School
Year 5 Curriculum Overview 2017 – 2018



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Learning Challenge	I'm a Year 5, can you get me out of here?	What was life like for Victorian children in Manchester?	What is freedom?	What would I discover on my journey through Africa?	What's so special about North America?	What would it be like to be an Ancient Greek?
Visits / Visitors	Visitor – planetarium Fieldwork to Chorlton Water Park	Visit – Styal Mill	Visitor – modern day slavery	CHS performance blue box theatre	Chester Zoo -tbc	Visitor – school nurse
English	Narrative: Stories in familiar settings- Text: There's a Boy in the Girls Bathroom Non-fiction: Non-chronological reports	Poetry: Poems on space topic Text: The Voyage (A. Rowe) Non-fiction: Newspaper reports – based on Peterloo Massacre through topic Non-fiction: Balanced arguments (discussions) Text: Street Child, information texts Poetry: Free verse poetry Text: poems by B. Zephaniah	Narrative: Diaries Text: Roots Narrative: Stories in historical settings, diaries Text: Slave Girl Poetry: Free verse poetry Text: No Word of a Lie, If (R. Kipling)	Narrative: Stories from other cultures Text: Journey to Jo'burg Non-fiction: Persuasive writing Text: Examples of appeals	Non-fiction: Speech Text: Brother Eagle, Sister Sky Narrative Holes Non-fiction: Explanations on life cycles Text: Examples of explanations	Narrative: Myths Text: examples of Greek myths Poetry: Classical poems Text: The Highwayman
Maths	<ul style="list-style-type: none"> ▪ Place value up of 6 digit numbers-comparing numbers, finding number patterns, rounding ▪ Addition and subtraction up to 1000000 – different mental strategies, vertical methods 	<ul style="list-style-type: none"> ▪ Multiples, factors, prime numbers, square numbers, cube numbers, ▪ Multiplying and dividing by 10, 100, 1000 ▪ Multiplying 1 digit by 4 digit numbers ▪ Multiplying 2 digits by 3 digit numbers ▪ Diving 4 digit numbers by 1 digit 	<ul style="list-style-type: none"> ▪ Word problems – bar model ▪ Graphs – reading tables, line graphs ▪ Fractions – improper fractions, mixed numbers, comparing and ordering fractions, adding and subtracting fractions, multiplying fractions 	<ul style="list-style-type: none"> ▪ Decimals – reading, writing, comparing, converting fractions, adding and subtracting, rounding ▪ Percentages – comparing and finding ▪ Geometry – types of angles, 	<ul style="list-style-type: none"> ▪ Solving problems with angles, angles in polygons ▪ Position and movement – plotting translations, movements and reflections ▪ Measures – length, mass, time, temperature 	<ul style="list-style-type: none"> ▪ Area and perimeter ▪ Volume and capacity ▪ Problem solving ▪ Roman numerals

		<p>numbers</p> <ul style="list-style-type: none"> Dividing with remainders 	with whole numbers and mixed numbers	measuring angles, investigating on a line and point, drawing angles		
Science	<p>What is out there? Earth and Space</p> <ul style="list-style-type: none"> 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 	<p>Can you feel the force? Forces</p> <ul style="list-style-type: none"> explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object identify the effect 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 	<p>How are materials different? Properties of everyday materials</p> <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. 	<p>How do plants and animals begin their life? Living things and their habitats</p> <ul style="list-style-type: none"> describe the life process of reproduction in some plants and animals describe the differences in the life cycle of a mammal, an amphibian, an insect and a bird 	<p>How will I change as I get older? Animals, including humans</p> <ul style="list-style-type: none"> describe the changes as humans develop to old age 	
History		<p>What was life like for Victorian children in Manchester?</p> <p>Studying a significant period of history focusing on Manchester – timeline of Victorian era, similarities and differences of living,</p>	<p>What is freedom?</p> <p>Triangular trade, history of slavery, fair trade and modern day slavery</p>			<p>What would it be like to be an Ancient Greek?</p> <p>Ancient Greece – a study of Greek life and achievements and their influence on the western world</p>

		William Wilberforce, Dr Barnardo, Samuel Gregg and the cotton industry				
Geography	<p>I'm a Year 5, can you get me out of here?</p> <p>Maps and fieldwork – reading and sketching maps, 4 and 6 figure grid references, compass points, OS symbols, directions</p>			<p>What would I discover on my journey through Africa?</p> <p>Landscapes, climate, map work, physical and human features,</p>	<p>What's so special about North America?</p> <p>Continents, countries, capital cities and states, the discovery of North America, topographical maps, natural disasters and land uses</p>	
Computing	E-Safety-AUP PPT – what is a computer and a network? CS/DL	PurpleMash Database – Victorian rubbish IT	Microsoft office ... What makes a good Photo? Multimedia paint.net/flicker...CC IT/DL	Sketchup – Art Gallery CS	Sketchup – progress to building recreation. CS	Scratch animation – Greek Myths CS
Art	Peter Thorpe – abstract art Group collages using a range of materials	William Morris – nature sketching and wallpaper designs		Silhouettes of African animals and sunsets	Sketching butterflies	Mosaics – greek vase
PE	DANCE African Dance (8-16yrs) Latin (8-16yrs) Sports (8-16yrs)	Gym – Matching mirroring	Net wall – dodgeball	DANCE African Dance (8-16yrs) Latin (8-16yrs) Sports (8-16yrs)	Gym – Synchronisation	OAA
	Invasion games -Tag Rugby	Handball	Invasion Game - football	Gym – Partner work	Striking and fielding - rounders	Athletics

Music	One Education – singing		Music Express: At the movies The children explore movie music in this unit – from 1920s animated films to present day movies. They learn techniques for creating soundtracks and film scores, and compose their own movie music.		Music Express: Life cycles Explore the human life cycle in this unit with music from Brahms, Berio, Liszt and Monteverdi. The wide variety of musical moods, styles and genres inspires singing, performing and composing using new techniques and structures.	
RE			What does it mean to be a Muslim in Britain today?	Why do some people believe God exists?	What would Jesus do? Can we live by the values of Jesus in the twenty-first century?	If God is everywhere, why go to a place of worship?
PSHCE	WE'RE ALL STARS!	BE FRIENDLY, BE WISE	JOINING IN AND JOINING UP	DARING TO BE DIFFERENT	DEAR DIARY	LIVING LONG, LIVING STRONG
	Devising a class charter Gifts and Talents Exploring Feelings Working Cooperatively Communication skills Role Models	Different types of friends Conflict resolution Managing anger Anti-bullying First aid E-Safety and Cyber-bullying	1. Anti-social behaviour and the consequences of crime 2. Rules and laws 3. The local courts 4. Voting and debating 5. Having a say in the school community 6. Fund-raising	1. Differences of opinion 2. Agreeing and disagreeing 3. Risky choices 4. Standing out from the crowd 5. Being assertive 6. Anti-bullying	1. Knowing where to go for help 2. Managing uncomfortable feelings - embarrassment 3. Put-downs and boost ups 4. Breaking friends 5. Forgiveness 6. Supporting each other	1. SRE: understanding the physical changes at puberty (1) 2. SRE: understanding the physical changes at puberty (2) 3. SRE: recognising different types of relationships 4. The concept of well-being 5. Being an effective learner 6. Role models
MFL	Life in France, Days of the week, Christmas, Months of the year, Hobbies, Sports, Food, Weather, Seasons & Where you live.					
DT	Making moon buggies – measuring, wood work, designing, gluing, evaluating, sawing					