Class 4 Long term Plan Cycle A

Topics covered				
Autumn 1	**Autumn 2**	**Spr 1**	**Spr 2**	**Summer**
Space	Stone Age	BloodHeart	Anglo Saxons & Vikings	Hola Mexico

St.John's Catholic Primary School
Burscough

English coverage				
Space	**Stone Age**	**Blood Heart**	**Anglo Saxons and Vikings**	**Mexico**
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1 - 2**
Non fiction: Biography Narrative: One small step by Taiko Studios JC Non fiction: Recounts - Newspaper Narrative: short fantasy story – Shaun Tan	Non Fiction: Biographies Non chronological report: Stonehenge	Poetry: The High-wayman JC Non Fiction: Bal-anced discussion Non Fiction: Heart - Explanation text	Narrative: Beowulf Narrative: Kensuke's Kingdom JC	Narrative: The Explorer JC Non Fiction: Persuasive writing Narrative: The Nowhere Emporium JC and PC Poetry: Thinkers Rap JC

Class Novels

Holes Louis Sachar
Kensuke's Kingdom Michael Morpurgo
Pig Heart Boy Malorie Blackman
The Explorer Katherine Rundell
The Nowhere emporium Ross McKenzie
A tale dark and grim Adam Gidwitz

Opportunities for Independent writing

1) Sci Fi story 2) Character description of alien 4) Biography Gagarin	1) Info text 2) Letters	1) Non Chron reports 2) Persuasive posters 3) Biography	1) Newspaper 2) Character description – Grendel	) Postcards 2) Mayan myth

Related resources from Pobble 365:
Autumn 1 - life on Mars, Moon landing, Battle with storm troopers - Also see Recount/UFO Hm
Autumn 2 - Waking the giant, The mysterious door, Isolation, Caves, The Discovery WW1/WW2– The greatest Team, Memories
Spring 1 - Up in the clouds, The race, The Wave, Zipwire Spring 2 - Dry land Summer - Festival of colour
Titanic: The lost ship, Frozen, An Icy Plunge, Breaking Down, Sea Wall

Guided Reading books - in addition to text extracts

Squares and Circles Stig of the dump - Clive King Warhorse - Michael Morpurgo The Borrowers - Mary Norton	Triangles Artemis Fowl - Eoin Colfer Percy Jackson And the Lightning thief - Rick Riordan Alex Rider, Storm breaker - Anthony Horowitz

Poetry Focus

Autumn	Spring	Summer
Dulce et Decorum, W.Owen The night before Christmas - Clement Clarke Moore	Cool Cat - Mike Jubb The Cake that Makes you Scream - D Ward	The Pelican Chorus - Edward Lear

Mathematics - Power Maths		
Autumn	**Spring**	**Summer**
Y5/6 Place Value Y5 Addition and Subtraction Y5 Multiplication and Division Y6 Four operations Y6 Algebra Y6 Problem solving Y6 Four operations Y5/6 Fractions Y5 Graphs & Tables Y6 Statistics	Y5/6 Decimals and Percentages Y5/6 Geometry - Position and Direction Y5/6 Fractions Y6 Problem Solving Y6 Measure - imperial and metric Y5/6 Geometry - Properties of shape	Y5 Perimeter Y6 Perimeter, Area and Volume Y5 Measure Y6 Measure problem solving Y5 Measure - volume and capacity Y6 Ratio and proportion

Science					
Space	**Stone Age**	**Blood Heart**	**Anglo Saxons and Vikings**	**Mexico**	
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Y5 Earth and Space Modelling planets, solar system, orbits using outdoor space Use balls attached to sticks to model seasons and moon phases with torches and swivel chair. Trip to Jodrell Bank	Y5 Forces Investigations into gravity & air resistance Launching rockets Test parachutes Use knowledge of streamline shapes to complete boat race challenge.	Y6 Animals incl humans – diet, exercise and nutrition Human Circulatory system Investigations into heart rate and exercise BHF Leading pioneers	Why did the Vikings leave their homeland? Collect soil from different locations in forest school - which is better for germinating seeds?	Y5 Properties of Materials – Solids liquids and Gases *Using camp fire to change states*	Y5 Dissolving and Changing states – irreversible and reversible changes

History		
Stone Age	**Anglo Saxons and Vikings**	**Mexico**
Changes in Britain from The Stone Age to the Iron Age • Become archaeologists - Select an area suitable for exploratory 'dig' • Human timeline on school field to understand the expanse of time. • Skara Brae - make model houses • Build own version of Stonehenge • Construct roundhouses Chn make a simple early man tool. **Substantive Concepts** Religions/beliefs	The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor **Substantive Concepts** Transport (Vikings) Migration (Anglo Saxon/Scots)	Non European society - The Maya civilisation Maya Number System. Collect shells, small stones and sticks of uniform length -chn to develop their own system for counting up to 20 using natural and found resources. **Substantive Concepts** Civilisations

Geography		
Space	**Anglo Saxons and Vikings**	**Mexico**
Oddizzi - The United Kingdom Locational Knowledge of the UK (*UK mapping skills, regions, cities, rivers, mountains, own locality)* Map local water ways using Scutchers acres stream as a start point	**Oddizzi - Rivers** Rivers and Coasts Create a 3D model of a river system. Identify features of the coast using streams at SA, examples of erosion, deposition and cliff instability. Work outdoors using natural materials to build a model that demonstrates river formation	**Rainforests - Oddizzi** Study of a region within South America Location, trade, produce, economy, fair-trade 3D map of Mexico - high and low land. Devise own outdoor rainforest activity and set up a woodland trail. Chn could set up camp & use binoculars to spot wildlife & use jars to collect 'rainforest' animals.

Art		
Space	**Stone Age**	**Mexico**
Collage and Digital media—Gary Hoang sunglasses image Children to study surface of planets and using tissue paper and 3D materials make pictures of each of the planets. Using the images, take digital photographs and manipulate in software to create moving and layered images	3D Sculpture and drawing Using my crystal rock drawings children to develop sketching skills before using precious stones and rocks to make large scale jewelry using wire and Modroc. Access Art—Supersize jewelry **Pebbles for Art** **Cave Clay tiles** At forest school, give each child a clay tile use found tools from the forest floor to carve into the tile. Consider ways of adding colour in the forest. **Natural colours Mixing Paint** Paint onto stones and pebbles from the river, use berries, leaves and other found materials to make into dyes using pestle and mortar and heating over fire. Paint onto strips of fabric and/or pebbles.	Frida Kahlo - Collage and Self portraits Take photographs of the children outside against a natural background using Kahlo's flora and fauna as an example.

Design Technology		
Blood Heart	**Anglo Saxons and Vikings**	**Mexico**
Food technology - making healthy snack bars	Structures - Cams - Make a moving toy **Viking funeral rituals** Explore how Vikings honoured their dead, including the burning of a funeral pyre on a boat. **Weaving** Explore traditional Viking methods for making materials	Food technology - cooking savouring dishes from Mexico

PE					
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Dance Invasion Games	Invasion games Outdoor activites	Gymnastics Strike & Field	Gymnastics Strike & Field	Athletics Outdoor	Athletics Dance

French - Rigolo 2					
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Unit 1 - Salut Gustave	Unit 2 - A l'ecole	Unit 3 La nourriture	Unit 4 En ville	Unit 5 En vacances	Unit 6 Chez moi
Children also had a 12 week block of German delivered by language teacher from St Bede's through Autumn 2 and Spring 1					

Computing - Teach computing					
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
5:1 Computing systems and networks - systems and searching	5:2 Creating media - video production	5:3 Programming A - selection in physical computing	5:4 Data and information - flat file databases	5:5 Creating media - intro to vector graphics	5:6 Programming B - selection in quizzes

Music Charanga - Cycle A					
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Getting started with music tech: How does music bring us together?	Emotions & musical styles: How does music connect us with our past?	Exploring key &time signatures: How does music improve our world?	Introducing chords: How does music teach us about our community?	Words meaning and expression: How does music shape our way of life?	Identifying important musical elements: How does music connect us with our environment?
Pulse, rhythm, texture, tempo, harmony, pitch, arrangement, listening/discussion, timbre, Notation: crotchets, quavers,semi quavers, minim. Reading music: 8 bars. Composing music: 8 bars. Musical notes (recorder) C D E F G A B					

Religious Education					
Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Ourselves Life Choices	Hope	Mission Memorial Sacri-fice	Sacrifice	Transformation Freedom & Responsibility	Stewardship

Relationship and Sex Education	**Year 5 - God loves me in my changing development**	
Children know and become aware of the physical and emotional changes that accompany puberty - sensitivity, mood swings, anger, boredom etc and grow further in their understanding of God's presence in their daily lives. Learning to include: changes since birth; the external and internal changes which happen to boys and girls in puberty; recognise behaviour changes as we grow up.		
Autumn 1	**Spring**	**Spring 1**
RE - Ourselves, developing a deepening awareness of who I am, we are made in the image of God, recognising what makes us unique. RE - Life Choices, Show how feelings and beliefs affect their own and others' behaviour in relationships	Science Y5 Animals incl humans Draw a timeline to indicate stages in the growth and development of humans. Learn about the changes experienced in puberty. Research the gestation periods of other animals and comparing them with humans; by finding out and recording the length and mass of a baby as it grows.	Science Y6 Animals incl humans - Pupils should learn how to keep their bodies healthy and how their bodies might be damaged

	PSHE - PHSE Association		**E-Safety - National Online Safety**		**RSE - A Journey in Love**	
	Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
E-Safety	Self image & Identity	Online relationships	Online Reputation	Online bullying and Managing online information	Health , Wellbeing and Lifestyle	Privacy and security Copyright and ownership
PSHE	What makes up a person's identity?	How can friends communicate safely?	How can we help in an accident or emergency?	What decisions can people make with money?	How can drugs common to everyday life affect health?	What jobs would we like?
	Health and Well being delivered by Lancs Sports partnership Healthy Lifestyles, Healthy bodies					
RSE	RSE/Journey in Love: Y5 Physical	RSE/Journey in Love: Y5 Social	RSE/Journey in Love: Y5 Emotional	RSE/Journey in Love: Y5 Intellectual	RSE/Journey in Love: Y5 Spiritual	RSE/Journey in Love: Y5 topic review
Extra Curric-ular	Life Bus Macmillan Coffee morning Fire Safety talk	British transport police talk	Road safety talk Train safety talk	Good shepherd fundraising		
British Values	Democracy	Mutual Respect	Tolerance of those with different faiths and beliefs		The rule of law	Individual Liberty