Year 5 Long Term Plan

	Autumn 1st half	Autumn 2nd half	Spring 1st half	Spring 2nd half	Summer 1st half	Summer 2nd half
English	**Non-fiction: Persuasive Speech- The Day the Crayons Quit** **Writing to Entertain: The Girl and The Fox**	**Writing to Entertain: Poetry. Lost Words** **Non-fiction: Instructions.**	**Writing to Entertain: The Lost Thing** **Non-fiction: Cracking Contraptions. Explanation.**	**Writing to Entertain: Adventure at Sandy Cove.**	**Writing to Entertain: Nyangara the Fire Python.**	**Non-fiction: Biography of a Scientist.** **Non-fiction: Newspaper report linked to History topic Journeys (Titanic/ journeys).**
Maths	Place value Addition and Subtraction	Multiplication and division Fractions	Multiplication and Division Fractions	Decimals and percentages Perimeter and Area. Statistics	Decimals Properties of shape Position and direction	Negative numbers Converting units Volume
Science	Forces -The effect of gravity, friction, air resistance and water resistance	Space -Describing the movements of the Earth, sun & moon	Properties of materials -Dissolving materials and making solutions	Living things and their habitats -Life cycles of plants and animals -Reproduction of plants and animal	Reproduction -Reproduction in plants and animals	Reversible & irreversible changes -Creating mixtures – Scientific enquiries
PSHE	A world without judgement *Inclusion and acceptance*		Keeping and staying healthy *Smoking*		Keeping and staying safe *Peer pressure*	

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	Being responsible *Looking out for others* **Natterhub Teaching Unit** Introduction to Natterhub – Key Stage 2 Chat It – Teaching Strand 3 Lessons Learn It – Teaching Strand 3 Lessons		Feelings and emotions *Anger* **Natterhub Teaching Unit** Feel It – Teaching Strand 3 Lessons		The working world (additional cover through an Enterprise week) *Enterprise* Growing and changing *Puberty* **Internet Safety and Digital Literacy Unit** **Natterhub Teaching Unit** Think It – Teaching Strand 3 Lessons Secure It – Teaching Strand 3 Lessons	
PE	Problem Solving/ Teambuilding & Orienteering/ Swimming	Fitness & Orienteering/ Swimming	Dodgeball & Handball/ Swimming	Rhythmic Gymnastics & Handball/ Swimming	Athletics & Tag Rugby	Tennis & Striking and Fielding (Cricket)
MFL (Spanish)	Pets	Telling the time Spanish Christmas Food A Christmas carol: Mi Burrito Sabanero	Places in town	Directions	Transport	Buying a ticket for travel
History	**The Anglo Saxons** <u>Was the Anglo-Saxon period really a Dark Age?</u>		**The Vikings** *Would the Vikings do anything for money?*		**Journeys** *What makes people go on a journey?*	

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Geography		The Alps What is life like in the Alps?		Oceans Why do oceans matter?		Deserts Would you like to live in the desert?
Computing	**Computer Science** *Pre Teaching – All Year Groups Pre Coding Unit* What is Computer Science? **Software – Scratch Full** I can build an algorithm that incorporates a sequence, conditional statement and a loop to achieve an outcome.		**Computer Science** *Pre Teaching – All Year Groups Pre Coding Unit* What is Computer Science? **Software – MBot** I can revise and understand the definitions of programmer, algorithm, code, and debug. I can understand what a motor is, how it works and how to connect one. I can understand what a Sensor is, how it works and how to connect one. I can understand what a Motherboard is, how it works and how to connect one.		**Computer Science** **Understanding the Computer Systems and Searching** 1) Systems 2) Computer Systems and Us 3) Searching the web 4) Selection Search Results 5) How search results are ranked 6) How are search results influenced.	

			I can code a robot with algorithms.			
Music		Composition notation (Ancient Egypt) To know that simple pictures can be used to represent the structure (organisation) of music. Christmas Nativity		South and West Africa To know that songs sung in other languages can contain sounds that are unfamiliar to us, like the clicks of the Xhosa language.		Looping and Remixing To know that a loop is a repeated rhythm. To know that remix is music that has been changed, usually so it is suitable for dancing to.
DT		Structures I can design and make a stable bridge structure that is able to bear some weight.		Digital World – CAD – Design a monitoring device.		Electrical systems – Doodle Toys
Art	Printing. Focus on printmaking using recycled materials. Visit from local artist – printmaking workshop – Creating posters about recycling/plastic		Textiles Layered print on fabric with sewn embellishments, linked to science unit – out of this world. Inspired by the work of Robert T McCall and/Peter Thorpe		Sculpture inspired by the works of Antony Gormley. Creating sculptures using a variety of materials.	

	awareness. Linking to science and PSHE.					
RE	Why do Hindus want to be good?	What does it mean if Christians believe God is holy and loving?		What does it mean to be a Muslim in Britain today?	What matters most to Humanists and Christians?	**RE DAY Thematic:** What can be done to reduce racism? Can religion help?
Visits and visitors	- Print workshop with local artist -Hinduism school experience day	- Geography/DT Visit to local landmarks in ST Thomas/nearby – including bridges. (Walking) - Anglo Saxon Village- Escot "A day at the Alps" in school experience day.	- Theatre trip space- science.	River walk – linking learning to geography unit	St Thomas Library trip	-3 days of activities back to back. Haven Banks Eden Project Exmouth Beach
Parental engagement	Art gallery	KS2 Christmas Play	Sewing workshop with parents			Sports Day