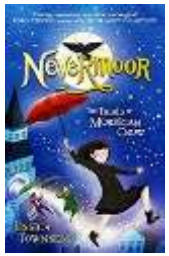
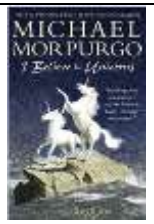
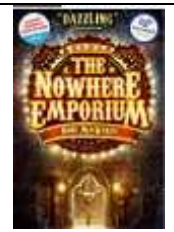
Year 5 Long Term Plan

Curriculum Drivers	World Citizens		Resilient Individuals	Respectful Communicators		Healthy Advocates
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reader	**Reading (VIPERS)** **Rainforests** (Running Wild, The Great Kapok Tree, The Explorer) **Great Openings** (The Clockwork Crow, The Storm Keeper's Island, Cogheart) **Energy/Forces** (William Kamkwamba, How Parachutes Work, How Do Solar Panels Work?) **Picture Books (1)** (Greenling, The Fantastic Flying Books Of Mr Morris Lessmore) **Beetles** (Beetles, Beetle Boy, Eleanor Rigby) **Novels (1)** (The Gauntlet, Foodland, A Girl Called Owl)  **The Boy at the Back of the Class by Onjali Rauf**	**Reading (VIPERS)** **Antarctic Explorers** (Shackleton's Journey) **Michael Morpurgo** (War Horse, Private Peaceful, Kensuke's Kingdom) **Life Cycles** (Cicada, The Circle Of Life, Life Cycle Of A Butterfly) **Poetry** (The Highwayman, The Listeners) **Christmas** (The Christmas Tree Ship, 'Twas The Night Before Christmas, A Christmas Carol) **Disney Songs** (I've Got A Dream, Be Prepared, Out There)  **1918: Coming Home by Jim Eldridge**	**Reading (VIPERS)** **Equality** (International Women's Day, Cesar Chavez, The Youngest Marcher) **Picture Books** (The Wolves In The Walls, The Promise) **Kate DeCamillo** (Flora and Ulysses, Raymie Nightingale, Louisiana's Way Home) **Notable People** (Lilian Bader, Mae Jemison, Helen Sharman) **Nigeria** (Explore Nigeria, Poverty) **Changing Materials** (Chromatography, Heston's Craziest Recipes, Mentos and Coke)  **Kick by Mitch Johnson**	**Reading (VIPERS)** **Titanic** (Liverpool's Links To The Titanic, RMS Titanic, The Unsinkable Molly Brown) **Frank Cottrell Boyce** (Cosmic, The Unforgotten Coat, Millions) **Medieval Monarchs** (Henry II, King Richard and King John, Henry V) **Children's Classics** (Around the World in Eighty Days, The Hobbit, The Jungle Book) **Songs** (Where Is The Love?, Cat's In The Cradle, Piece By Piece) **Brazil** (Pele, Journey To The River Sea, Trains To Brazil)  **Nevermoor by Jessica Townsend**	**Reading (VIPERS)** **Space** (Margaret Hamilton, Dorothy Vaughan, The Jamie Drake Equation) **Children's Classics: Peter Pan** (Peter Pan, Mermaid's Lagoon) **Sia** (Titanium, Alive, Elastic Heart) **Notable People** (Ada Lovelace, John Archer, Tim Berners-Lee) **Islands/Leprosy** (Leprosy, The Island At The End Of Everything, The Island) **Poetry** (The Walrus and the Carpenter, Do Not Stand At My Grave And Weep, We Refugees)  	**Reading (VIPERS)** **Songs from Musicals** (A Conversation, Do You Hear The People Sing, You Will Be Found) **Middle Eastern Countries** (The Breadwinner, Gertrude Bell, Searching For Hidden Beauty Across The Middle East) **Novels (2)** (Kick, Wonder, Street Child) **Circuses** (Leon And The Place Between, Wild Boy) **Childrens Classics** (The Wind In The Willows, The Secret Garden, The Phantom Tollbooth)  **Cosmic by Frank Cottrell Boyce**

					When the Mountains Roared by Jess Butterworth	
Read Aloud Rhymes and Poetry	**The Elf and The Dormouse By Oliver Herford**		**Flag By John Agard**		**The Tyger by Williams Blake**	
Writing and model texts	 The Explorer by Katherine Rundell (PSHRE) • Narrative • Adventure  David Attenborough by Isabel Sanchez Vegara (Science) • Non-Fiction Biography	 Zoo by Anthony Browne (Science) • Narrative • Fantasy •  Scott of the Antarctic By E and J Dowdeswell and Angela Seddon (History) • Non-fiction Diary	 I Believe in Unicorns by Michael Morpurgo (History) • Narrative	 Kick (PSHRE) • Non-fiction • Persuasive Letter	 Cosmic by Frank Cottrell Boyce (Science) • Narrative • Science Fiction  The Malfeasance by Alan Bold (PSHRE) Free Verse	 The Nowhere Emporium by Ross McKenzie (Drama) • Narrative • Mystery  Mars Transmission (Science) • Non-fiction Diary Entry
Grammar and Punctuation	 * Consolidate expanded noun phrases, verb tenses and conjunctions taught in previous year groups. Indicating degrees of possibility using adverbs	 Brackets, dashes or commas to indicate parenthesis Use of commas to clarify meaning or avoid ambiguity	 Relative clauses beginning with who, which, where, when, whose, that, or an omitted relative pronoun	 Indicating degrees of possibility using modal verbs	 Linking ideas across paragraphs using adverbials of tense choices.	*How words are related by meaning as synonyms and antonyms (Yr6)

	Linking ideas across paragraphs using adverbials of time, place and number.	Use adverbials to link ideas across paragraphs – time, place or number.				
RWI Spellings	Unit 1: Words with silent letter b Special focus 1- Words that contain the letter-string ough Unit 2: Words ending in -ible Special focus 2- Homophones Practice Test 1 (Units 1-2)	Unit 3: Words ending in -able Special focus 3- Exception words Unit 4: Words with silent letter t Special focus 4: Exception words Practice Test 2 – (Units 3-4)	Unit 5: Words ending in -ibly and -ably Special focus 5- Homophones and other words that are easily confused Unit 6: Words ending in -ent Special focus 6: Exception words Practice Test 3 – (Units 5-6)	Unit 7: Words ending in -ence Special focus 7- Exception words Unit 8: The ee sound spelt ei Special focus 8- Homophones and other words that are easily confused Practice Test 4 – (Units 7-8)	Unit 9: Words ending in -ant, -ance and -ancy Special focus 9- Exception words Unit 10: Words ending in shus spelt -cious Special focus 10- Exception words Practice Test 5 – (Units 9-10)	Unit 11: Words ending in shus spelt -tious Special focus 11- Exception words Unit 12: Words ending in shul spelt -cial or -tial Special focus 12- Exception words Practice Test 6 – (Units 11-12)
Maths	<u>Place Value</u> (3 Weeks) <u>Addition and Subtraction</u> (2 Weeks) <u>Multiplication and Division A</u> (3 Weeks) <u>Fractions</u> (4 Weeks)		<u>Multiplication and Division B</u> (3 Weeks) <u>Fractions B</u> (2 Weeks) <u>Decimals and Percentages</u> (3 Weeks) <u>Perimeter and Area</u> (2 Weeks) <u>Statistics</u> (2 Weeks)		<u>Shape</u> (3 Weeks) <u>Position and Direction</u> (2 Weeks) <u>Decimals</u> (3 Weeks) <u>Negative Numbers</u> (1 Week) <u>Converting Units</u> (2 Weeks) <u>Volume</u> (1 Week)	
Science	**Living things and habitats – Life Cycles** - Describe the differences in life cycles of a mammal, an amphibian, an insect and a bird. - Describe the life process of reproduction in some plants and animals.	**Forces** Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms including levers, pulleys and gears allow a	**Properties and Changes of Materials** - Compare and group together everyday materials based on their properties, including hardness, solubility, transparency, conductivity 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 solid, liquid and gas to decide how mixtures might be separated including through filtering, sieving and evaporation. - Give reasons based on evidence from comparative tests for the particular uses of everyday materials including metals, wood and plastic.		**Animals including Humans Change & Growth** - Describe the changes as humans develop from birth to old age.	**Earth and Space** - 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 approximate spherical bodies.

		smaller force to have a greater effect.	- Demonstrate that dissolving, mixing and changes of state are reversible changes. - Explain that some changes result in the formation of new materials and this kind of change is not usually reversible including changes associated with burning and the action of acid on bicarbonate of soda.			- Use Earth rotation to explain day and night due to the apparent movement of the sun across the sky.
History		**Why are soldiers who fought in World War I referred to as the lost generation?** Timeline – French revolution to end of World War 1 European powers in 1914 Why did The Great War start in 1914? How conflict changed during the Great War and what was it like for soldiers? Heroic Age of Antarctic Exploration (Scott /Amundsen) & The Endurance Expedition Armistice Day Comparison - Lives of soldiers Timothy McCarthy Irish leading able seamen on the Endurance - crossed the South Atlantic on the James Caird. Died off the Isles of Scilly manning his gun post on board the S.S. Narragansett.		**Why did Britain once rule the largest empire the world has ever seen? –** Latitude Longitude Southern & Northern Hemispheres Time zones Extent of the British Empire in 1921 What was a Colony and what was it like to be colonised? How did Britain benefit? Windrush generation		**Which is the most important legacy of the Ancient Greeks?** Who were the Ancient Greeks? Timeline of significant events in Ancient Greece What do artefacts tell us about what life was like in Ancient Greece? Life in ancient Greek city states What do archaeological sites tell us about what life was like in Ancient Greece? How were the Ancient Greeks governed and are there any similarities with how we are governed today? Democracy Philosophy Hypocrites Olympics
Geography	**Why are mountains so important?** Classification Location Formation Features Fossils Human Geography – Mountaineering Mining, quarrying, leisure, invention		**Why is fair trade fair?** What is trade and what does it entail? Why is the 'Silk Road' historically important? Locate the world's top 15 countries that the UK trades, identify modern trading routes around the globe and the goods that are imported		**Why do some Earthquakes cause more damage than others?** - What is an earthquake and why do they happen? - How and why do we measure the size of earthquakes? - What is the impact of an earthquake and how can	

			into and exported out of the UK. Southampton map work. Why isn't trade always fair? What is Fairtrade?		earthquakes of the same size have different impacts? - How do we combat the effects of earthquakes?	
Art	**Typography & Maps** Exploring how we can create typography through drawing and design, and use our skills to create personal and highly visual maps.		**Making Monotypes** Combine the monotype process with painting and collage to make visual poetry zines.		**Architecture: Dream Big or Small?** Explore the responsibilities architects have to design us a better world. Make your own architectural model.	
DT		Stuffed toys-textiles. Design a stuffed toy and make decisions on materials, decorations and attachments (appendages), after learning how to sew a blanket stitch.		Cooking and Nutrition- what could be healthier? Discover the farm to fork process, understand the key welfare issues for rearing cattle. Compare the nutritional value of existing sauces and develop a healthier recipe.		Bridges-Structures. Test and analyse various types of bridge to determine their strength and stability. Explore material properties and sources, before marking, sawing and assembling a wooden truss bridge.

Computing	Search engines (5 lessons) (Option 1: Google) Learning about how page rank works and how to identify inaccurate information. Online safety Y4 (6 lessons) Searching for information and making a judgement about the probable accuracy; recognising adverts and pop-ups; understanding that technology can be distracting. Online safety Y5 (5 lessons) Learning about app permissions; the positive and negative aspects of online communication; that online information is not always factual; how to deal with online bullying and managing our health and wellbeing.	Programming music (5 lessons) (Option 1: Sonic Pi) (Option 2: Scratch) Building-on programming and music skills to create different sounds, beats and melodies which are put to the test with a Battle of the Bands performance! Online safety Lesson 2	Mars Rover 1 (5 lessons) Learning about the Mars Rover, exploring how and why it transfers data including instructions, and how messages can be sent using binary code. Online safety Lesson 3	Micro:bit (5 lessons) Creating algorithms and programs that are used in the real world. Using the 'predict, test and evaluate' cycle to create and debug programs with specific aims. Online safety Lesson 4	Stop motion animation (5 lessons) (Option 1: Stop Motion Studio) (Option 2: with cameras) Creating animations, storyboard ideas and decomposing a story into small parts before putting together to create the illusion of a moving image. Online safety Lesson 5	Mars Rover 2 (5 lessons) Exploring how the Mars rover: moves, follows instructions, collects and sends data; understanding how computers work, what data is and how it is transferred Online safety Lesson 6
Music	The Rockschool® Ukulele Method 1 Getting started Pieces The Fretting Hand Time Signature and First Chord Further Pitches and the 3 /4 Time Signature Further Pitches		Happy Listen and Appraise the song Happy and other songs of different styles about being happy Musical Activities - learn and/or build on your knowledge and understanding about the interrelated dimensions of music through: Games (Warm-up Games and Flexible Games), Singing Playing Instruments (classroom and or band instruments), Improvisation, Composition, Perform and Share		Classroom Jazz 1 Focuses on improvising. Using two great pieces, Three Note Bossa and Five Note Swing, the pupils will learn to play the pieces and then explore improvising with the repertoire.	
RE	U2.8 What does it mean to be a Muslim in Britain today?	2b.4 INCARNATION Was Jesus the Messiah? **Christmas**	2b.1: GOD: What does it mean if God is Holy and Loving?	U2.9 Why is the Torah so important to Jewish people?	2b.5 GOSPEL: What would Jesus do?	U2.11 Why do some people believe in God and some people not? **OR** What matters most to Humanists and Christians?
PE	**Fitness Circuits**	**Cricket**	**Gymnastics Partner Sequences**	**Football**	**Athletics 6**	**Dance WW2**
PSHE	Junk Food x 2 Nutritional Values x2 The Human Body x 2	Keeping My Body The Same x 2 My Body Changes x 2	Power of Words - Mouldy Rice Social Media - Being Confident	BV Laws and Parliament x 2 BV Freedom of Speech and Movement x 2	The Digital World x 2 Supporting the Community x 2	Learning Part 2 Borrowing Money x 2 Dealing With Adversity x 2

	Caffeine - Helpful or Harmful?	Autism - Neurodivergence Expressing Love Differently As You Grow What is Marriage?	Responsibility and Inspiration x 2 Homophobic Language in Schools Fairtrade: Same Storm, Different Boat	Respecting Others' Boundaries and Beliefs x 2	Communicating Effectively x 2 Learning Part 1	The NHS x 2
Experiences			*Visit -Eden Project*			*Visit - Truro Museum*