



Year 6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<p>SPAG Refresher – 2 weeks</p> <p>Can We Save the Tiger? by Martin Jenkins <i>Class Reader: The Ickabog by J.K.Rowling</i></p>	<p>The Last Bear by Hannah Gold <i>Class Reader: The Last Bear by Hannah Gold</i></p>	<p>Wonder by RJ Palacio <i>Class Reader: Wonder by RJ Palacio</i></p>	<p>Revision <i>Class Reader: Wonder by RJ Palacio</i></p>	<p>Pig Heart Boy by Malorie Blackman <i>Class Reader: Pig Heart Boy by Malorie Blackman</i></p>	<p>The Lost Magician by Piers Today <i>Class Reader: The Lost Magician by Piers Torday</i></p>
Writing outcomes	Recounts, instructions, non-chronological report, narrative, explanation, letter writing					
Maths	<ul style="list-style-type: none"> Place value Addition, subtraction, multiplication and division 	<ul style="list-style-type: none"> Fractions Converting units 	<ul style="list-style-type: none"> Ratio Algebra Decimals 	<ul style="list-style-type: none"> Fractions, decimals and percentages Area, perimeter and volume Statistics 	<ul style="list-style-type: none"> Shape Position and direction Preparing for SATS 	<ul style="list-style-type: none"> Themed projects: Investigations & deeper thinking
Science	<p>Living things: Classifying big and small:</p> <ul style="list-style-type: none"> Carl Linnaeus and classification Cold-blooded vertebrates Warm-blooded vertebrates Invertebrates Plants Micro-Organisms 	<p>Energy: Light and reflection:</p> <ul style="list-style-type: none"> The pathway of light See the light Measuring shadows Reflecting light Making a periscope Using Mirrors 	<p>Living things: Evolution and Inheritance:</p> <ul style="list-style-type: none"> Variation Inheritance Adaptations Modelling natural selection Evolution Evidence for evolution 	<p>Energy: Circuits, batteries and switches:</p> <ul style="list-style-type: none"> Components and circuits Circuit diagrams Current and resistance Batteries and voltage Voltage and bulb brightness Practical circuits 	<p>Animals including humans: Circulation and health:</p> <ul style="list-style-type: none"> Factors affecting health The heart and circulatory system Blood Heart rate Investigating exercise and heart rate Heart rate and fitness 	<p>Making connections: Are some sunglasses safer than others?:</p> <ul style="list-style-type: none"> Investigating sunglasses – planning Gathering data Analysing, concluding and evaluating Extending Presenting
History	<p>What can the census tell us about the local areas?</p> <ul style="list-style-type: none"> What is the census? What can we learn about Victoria children? What does the census suggest about the jobs available in the 1800s? Why did some women refuse to fill out the census in 1911? What changed in the 1921 Census? Who lived in our local area in the past? 		<p>Were the Vikings raiders, traders or something else?</p> <ul style="list-style-type: none"> When and why did the Vikings come to Britain? Were the Vikings raiders, traders or something else? Where did the Vikings go? How did they get there? Why are there different Viking sagas explaining the same event and what does this tell us about the Vikings? What were the impacts of Viking raids and settlements on local communities in Britain? What were the Vikings' achievements and how did they impact the world? 		<p>Unheard histories: Who should go on the £10 banknote?</p> <ul style="list-style-type: none"> Who features on banknotes and why? Was Alfred the Great or Elizabeth I the more significant monarch? How were Ellen Wilkinson and Betty Boothroyd historically significant? Why is Mary Seacole historically significant? Why are Lily Parr and Betty Snowball historically significant? Who will be the face of the new £10 note? 	
Geography	<p>Why does population change?</p> <ul style="list-style-type: none"> How is the global population changing? What are birth and death rates? Why do people migrate? How is climate change impacting the population? How is population impacting our environment?: Data collection How is population impacting our environment?: Findings 		<p>Where does our energy come from?</p> <ul style="list-style-type: none"> Why is energy important? What is renewable energy? How does the United States generate energy? How does the United Kingdom generate energy? What is the best way to generate energy? Where is the best place for a solar panel on the school grounds? 		<p>Can I carry out an independent fieldwork enquiry?</p> <ul style="list-style-type: none"> Developing an enquiry question Creating data collection methods Mapping a route Collecting the data Analysing the data Presenting the data 	

RE	What helps Hindu people as they try to be good? <i>Hinduism</i> (Trip to Mandir -Hinduism)	How is faith expressed in Islam? <i>Islam</i> Christmas	Justice and poverty: why does faith make a difference? <i>Christianity/Islam/ non-religious people</i>	What will make our community a more respectful place? <i>Religious and non-religious people</i> Easter	Why do some people believe in God and some people not? <i>Christianity/Islam/ non-religious people</i>	How does faith enable resilience? <i>Christianity, Islam and/or Judaism and/or Hinduism, non-religious people.</i>
ICT	Networks: Learning what networks do and how they connect devices. Considering safety aspects of networks and collaboration.	Graphing Understanding the benefits of creating common graph types digitally. Using appropriate features to present data in the best possible way. Blogging Understanding how blogs and their features can effectively engage an audience.	Blogging Understanding how blogs and their features can effectively engage an audience. Data Detectives Using the Data Detectives tool to work with large datasets to analyse complex data and answer questions.	Coding Developing coding skills using 2Code.	Introduction to Python Introducing text-based Python coding using the Python in Pieces platform. Python in Pieces translates between block-code and Python. Spreadsheets Using industry standard software to work with spreadsheets.	Spreadsheets Using industry standard software to work with spreadsheets. 3D Modelling Exploring computer aided design in 3D using the 2Design and Make tool.
Online safety	Taught across the year: Self-image and identity, online relationships, online reputation, online bullying, health wellbeing & lifestyle, privacy and security, managing online information and copyright and ownership.					
MFL	Phonetics 1 – 2 Presenting myself	Phonetics 1 – 2 My family	Phonetics 1 – 2 The date	Phonetics 1 – 2 Do you have a pet?	Phonetics 1 – 2 My home	Phonetics 1 – 2 Catch – up time
P.E.	Invasion: Netball Health related exercise	Invasion: Football Gymnastics: Matching & Mirroring	Invasion: Basketball Dance: Carnival	Invasion: Hockey OAA: Orienteering	Striking & Fielding: Rounders Net/ Wall: Badminton	Athletics: Swimming Striking & Fielding: Cricket
Art/DT	Art: Craft and design – Photo opportunity	DT: Textiles – Waistcoats	Art: Drawing – Make my voice heard	DT: Structure – Playgrounds	Art: Sculpture & 3D – Making memories	DT: Digital world – Navigating the world.
PSHE	Overview from one decision Conception to be taught in Summer 2					
Music	Singing: Black history month	Singing: Teacher and children’s song choice. Focus: Harmonies	Composing unit: Keyboards & Recorders	Composing unit: Keyboards & Recorders	Inspiring music: Samba	Inspiring music: Samba
Additional resources	R.E: Trip to Hindu Mandir		Science: Trip to Tring Museum		Extra-Curricular: Cinema trip	PSHE: Safety centre?