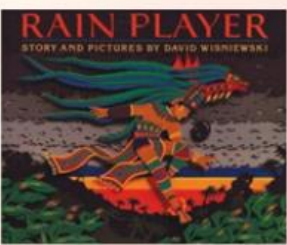
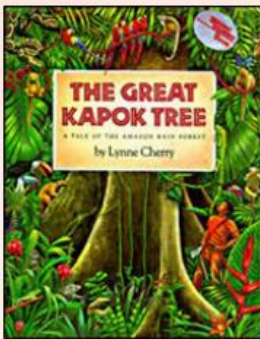
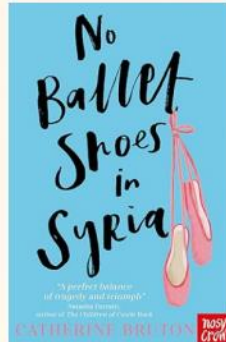


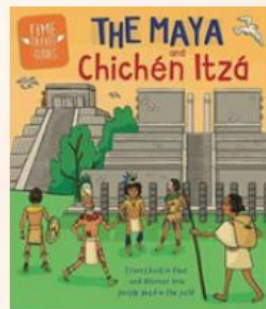
Year 5

Curriculum Overview Map

	Autumn 1 Character	Autumn 2 Community	Spring 1 Cultural Roots	Spring 2 Curiosity	Summer 1 Courage	Summer 2 Communication
Core texts	<u>Two lands, Two stories</u> - The Island - No Ballet Shoes in Syria  The Island by Armin Greder	<u>Temples and Trees</u> - Rain Player - The Maya: Chichen Itza  Rain Player by David Wisniewski	<u>Invaders and Explorers</u> - Smashing Saxons (newspaper edition) - The 1000 Year Old Boy	<u>The lungs of the Earth</u> - The Great Kapok Tree - The Explorer  The Great Kapok Tree by Lynne Cherry	<u>Monarchs and Milestones</u> - Kings and Queens: Alfred the Great to King Charles III and Everyone in Between - Treason by Bertie Doherty	<u>Investigate the World around you</u> - The Pied Piper of Hamelin by Michael Morpurgo - Macbeth (A Shakespeare Story)



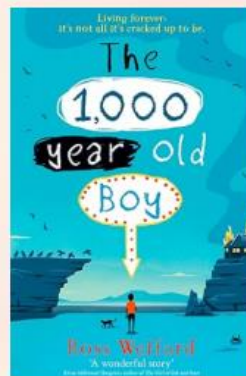
No Ballet Shoes in Syria by Catherine Bruton



The Maya and Chichen Itza (Time Travel Guides)



Smashing Saxons (Newspaper Edition) by Terry Deary



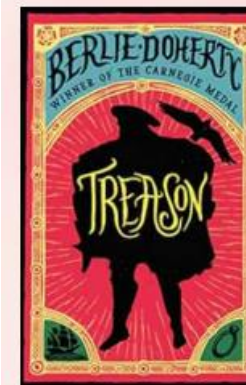
The 1000 year old Boy by Ross Welford



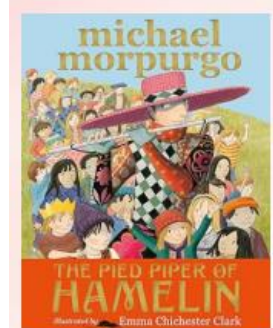
The Explorer by Katherine Rundell



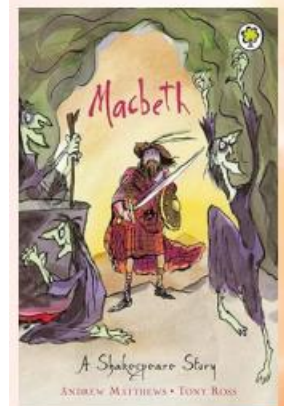
Kings and Queens: Alfred the Great to King Charles III and Everyone in Between by Marcia Williams



Treason by Berlie Doherty



The Pied Piper of Hamlin by Michael Morpurgo



Macbeth (A Shakespeare Story)

Design & Technology / Art <u>Key Artists</u> L.S Lowry Henri Rousseau	'Matchstick men' drawing, inspired by L.S Lowry. 	Design/Make/Evaluate: Tinkercad (3D modelling program) - chocolate bar design (Mayan) Pages APP	Cooking & Nutrition: Viking stew	Painting inspired by Henri Rousseau 'Surprise!'  Using watercolours	Design/Make/Evaluate: Mechanical system – Cams Sculpture - Tudor Rose using clay.	Collage  Use cut outs from magazines, newspapers and textiles to represent objects and shapes in a landscape. Create depth by gluing furthest objects first and layering.
History	History of the UK – The Industrial revolution	Mayan Civilisation	Anglo Saxons, Vikings & Scots		Moments from the Tudor Monarchy	
Geography	Place knowledge – South America: Brazil	Global goal 13 – climate action + Winter fieldwork* - seasonal change at Albert Park	Map reading: 8-point compass, 6 figure grid references	Amazon Rainforest + Spring fieldwork* - seasonal change at Albert Park		Summer fieldwork* - seasonal change at Albert Park *Fieldwork: human/physical geography - Albert Park. Discuss and conclude observations of seasonal change over the year. Visited Nov/March/July to compare variety of plant life.

Science	Snap Science ‘Forces and mechanisms’– Module 1 1.What is the friction between different surfaces? 2.Why do objects fall at different speeds? 3.How does the size of the canopy affect the time it takes a parachute to fall? 4.Does the shape of an object affect its movement in a liquid? 5.How can we lift a heavy load? 6.How does the length of the lever affect the force needed to lift a load? 7.How do gears work? STEM 2 project Make a parachute -Air resistance	Snap Science ‘Properties and uses of materials’– Module 2 1.How can we compare and group materials? 2.Which materials did the builders use when constructing our school and why? 3.Which liquid is the thickest? 4.Who invents things? 5.Can the same container keep cold things cold and hot things hot? 6.Which materials are absorbent, permeable or waterproof?	Snap Science ‘Earth and space’– Module 3 What’s in space? How do the planets move? How does the position of the Sun in the sky change? What causes day and night? How does the Moon move? What patterns can we find in data about the planets? STEM 1 project Space suit - insulation	Snap Science ‘Plant and animal life cycles’– Module 4 1.How do flowering plants produce seeds? 2.Do all plants have the same number of reproductive parts? 3.How can we grow more plants without using seeds? 4.How do birds change over their lifetime? 5.Do all mammals have the same gestation period? 6.How do amphibians change throughout their life cycle? 7.Do all insects go through the same life cycle?	Snap Science ‘Separating mixtures and changing materials’– Module 5 1.How can we separate mixtures? 2.What happens when we mix liquids and solids? 3.What makes a difference to how fast sugar or salt dissolves? 4.How can we clean up contaminated water? 5.What makes a change non-reversible? 6.How much gas can be produced by a non-reversible change? STEM 3 project Dirty water	Snap Science ‘Human growth’– Module 6 1.How do newborn babies turn into teenagers? 2.How do girls become women? 3.How do boys become men? 4.What is the human life cycle?
----------------	---	--	--	--	--	--

Computing	Digital Agency Pages: •Can use a table in a document and format it appropriately •Produce an ebook •Can create a template from own design •Can use a template and adapt it to own design Keynote: •Can create a template from own design •Can use assets from other apps within a presentation •Can create a short movie to present an idea using slides and VoiceOver iMovie: •Can alter transitions •Use trailer effectively (such as for a plot	Digital Agency Garageband: •Export music to use in another app from Garageband •Create a short ‘podcast’ with a range of sections (voice/ music/ recordings) •Can ‘jam’ with other players Clips: •Export movie to be used in other apps Numbers: •Use basic formulae •Create simple forms to organise data •Export ‘assets’ to be used in other apps - such as tables/ graphs Reality Composer: •Create a new project and rename • Add new objects from gallery and manipulate to position and size effectively •Format objects to add colour • Add actions to objects • Add and format labels •Export effectively.	Coding Scratch: Use arrow keys, Make a clicker game, Make a chase game Project Evolve Privacy and Security	Coding Scratch-Use taught skills to complete a project relating to topic. Project Evolve Self-image and identity	Coding Digital Agency Topic based project applying previously taught skills Project Evolve Online reputation	Coding Digital Agency Topic based project applying previously taught skills Project Evolve Health, wellbeing and lifestyle
------------------	--	--	---	--	--	--

	overview) •Can use assets made in other apps in a short film - such as a title page from Pages Project Evolve Copyright and Ownership, Managing online information	Project Evolve Online Bullying, Online Relationships				
Music	Composition notation	Blues	South and west Africa	Composition to represent the festival of Holi	Looping and Remixing	Musical theatre
RE	Why do some people think God exists?	What does it mean to be a Muslim in Britain today?	What does it mean if Christians believe God is holy and loving?	What does it mean if Christians believe God is holy and loving? (continued from Spring 1)	How can following God bring freedom and justice?	How can following God bring freedom and justice? (continued from Summer 1)
PSHE	All about me. What makes you, you? Can we be friends? What makes you special? What makes you smile? How do you feel?	What does togetherness mean? What is remembrance? Are we all the same? What is a bully? How can we deal with bullying? What makes a new friend? Why do we exercise?	How do we keep clean? What is peer pressure? Why is it important to relax? Digital resilience How can we keep ourselves safe online? Alcohol and drugs	Who is the NSPCC? What is a safe relationship? How can we keep ourselves safe? Who can I talk to? What makes me unique?	Growing up Life cycles Why is my body changing? Why are boys and girls different? Is it fun or is it fear?	What have you achieved? How have you succeeded this year? What challenges have you come across? Is money important? Jobs and careers

	How do we keep each other safe in school? What is love? What is trust?		What is peer pressure?			What are your dreams and goals for next year?
Hooks, Experiences and Visits	Meet an engineer - Online links to STEM	Albert Park – winter fieldwork (November)	What is a university? <u>Focus Days with Into University</u>	Albert Park – spring fieldwork (March) Classical cafe - strings - Middlesbrough Town Hall	Into University Focus Days	Albert Park – summer fieldwork (July) Beamish Museum (partially funded by Rotary Club) - The museum tracks how life in the north of England <u>changed during the industrial revolution</u> and focuses on how the region was transformed through each of the Georgian, Victorian and Edwardian periods.
Parental Engagement Opportunities			Consider inviting parents in for Viking Stew / showcase History learning in classrooms			Invite parents to volunteer for Beamish trip

Deliberate gaps are incorporated within the curriculum to provide flexibility and allow teachers to respond to ongoing assessment for learning (AfL), ensuring that teaching is adaptive and meets pupils' emerging needs.