

## Emerald (Year 3/4) Year A (2019-2020)

	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
<b>CLD</b>	<b>Predator Science Y3</b>	<b>I Am Warrior! History Y4</b>	<b>Tremors Geography Y3</b>	<b>Burps, Bottoms &amp; Bile Science Y4</b>	<b>Scrumdiddlyumptious D&amp;T Y4</b>	<b>Blue Abyss Art &amp; Design Y4</b>
<b>Suggested text</b>	The Sheep Pig – Dick King-Smith	Thieves of Ostia – Caroline Lawrence	The Firework Maker's Daughter – Philip Pullman	Demon Dentist – David Walliams	Charlie and the Chocolate Factory – Roald Dahl	Treasure Island – Robert Louis Stevenson; 20,000 Leagues Under the Sea – Jules Verne
<b>Memorable experience</b>	Animal experience	Battle re-enactment	Rock hunt	Visit a local dentist	Visit a local shop or supermarket	Visit an aquarium
<b>Innovate challenge</b>	The ultimate predator	Become a Roman soldier	Emergency plan for a volcano eruption	Make a model of the digestive system	Invent a smoothie	3-D art exhibition
<b>English genre</b>	Recounts; Leaflets; Poetry; Dilemma stories; Speeches	Soliloquies; Historical narratives; Play scripts; Instructions, invitations and menus; Letters	Recounts; Poetry; Narratives; Newspaper reports	Fact files; Explanations using idioms; Fantasy narratives; Slogans; Persuasive texts	Recounts; Recipes; Poetry; Non-chronological reports; Adverts	Poetry; Dilemma stories; Biographies; Persuasive letters; Ballads
<b>Geography</b>	Fieldwork; Using maps	Comparing Britain and Italy; Using maps; Locational knowledge; Human and physical geography	Volcanoes and earthquakes		Food miles and fair trade	Seas and oceans of the world; The Great Barrier Reef; Environmental issues
<b>Computing</b>	Algorithms; Flow diagrams; Online research; Using logical reasoning; Graphics software; Presentations		Presenting information	Images; Algorithms; Video	Web searches; Emails	Programming; Video editing; Multimedia presentations
<b>A&amp;D</b>	3-D models	Drawing; Sculpture; Mosaic; Jewellery	Sculpture; Photography		Sculpture	Observational drawing; 3-D models; Clay sculpture; Anthony Gormley; Batik; Printing; Seascapes
<b>D&amp;T</b>	Selecting and using materials	Shields and helmets; Roman food; Roman designs	Structures	Healthy foods; Textiles; Working models	Cooking and nutrition	Designing submarines; Working models
<b>History</b>		The Roman Empire and its impact on Britain	Ancient Rome – Pompeii		Significant individuals – James Lind	19th century ocean exploration
<b>Music</b>			Composing	Composing lyrics	Playing instruments; Performing	
<b>PSHE Year A</b>	<a href="#">Beginning and Belonging; Family and Friends; Anti-bullying</a>		<a href="#">Working Together; Financial Capability; Sex and Relationships Education</a>		<a href="#">Managing Risk; Safety Contexts; Healthy Lifestyles</a>	
<b>Science</b>	Food chains; Fossils; Plant parts and functions; Water transportation in plants; Skeletal systems; Working scientifically		Rocks	Teeth types; Tooth decay and hygiene; The digestive system; Working scientifically	Nutrition	Living things and their habitats; Animals, including humans; Working scientifically
<b>PE</b>	Comparing performances; Competitive games	Competitive games; Building strength and agility	Outdoor and adventurous challenges		Exercise	
<b>Linked investigations (LTI)</b>	How do fossils form? What are our joints for? Why are trees tall? What do owls eat? How do worms move?	Did the Romans use toilet roll?	What is sand?	How does toothpaste protect teeth? What is spit for?	Which is the juiciest fruit? Is it safe to eat?	Are all sea creatures the same? How does pollution affect habitats?
<b>RE</b>	Who are the saints of God and why are they important?	What are the special religious texts?	What do people believe about the creation of our world?	Is Easter a festival of new life or sacrifice?	What is important for Jews about being part of God's family?	What do we mean by the bread of life?

## Emerald (Year 3/4) Year B 2020-2021

	Autumn A	Autumn B	Spring A	Spring B	Summer A	Summer B
CLD	Mighty Metals Science Y3	Road Trip USA Geography Y4	Tribal Tales History Y3	Potions Science Y4	Flow Geography Y3	Traders & Raiders History Y4
Suggested text	The Iron Man - Ted Hughes	The Indian in the Cupboard - Lynne Reid Banks	Stig of the Dump - Clive King	Alice's Adventures in Wonderland - Lewis Carroll	Swallows and Amazons - Arthur Ransome	The Saga of Erik the Viking - Terry Jones
Memorable experience	Visit a local playground	Visit 14 US states	Visit a prehistoric site	Alice in Wonderland discovery trail	Visit a local stream or river	Make sailing boats
Innovate challenge	A friend for the Iron Man	Plan a family holiday	Construct a monument	Create a potion	Investigate a pollution outbreak	Trade fair
English genre	Non-chronological reports; Explanations; Instructions; Poetry; Recounts	Postcards; Emails; Diaries; Myths and legends; Poetry	Information texts; Adventure narratives; Fact files; Letters; Poetry	Labels and instructions; Letters; Play scripts; Poetry; Non-chronological reports	Newspaper reports; Poetry; Journals; Debates; Instructions	Reports; Myths and legends; Character profiles; Poetry; Historical narratives
Geography		Using world and US maps; Human and physical geography	Fieldwork; Human and physical geography; Using maps and aerial images		Using maps; Fieldwork; Water cycle; Human and physical geography; Rivers of the world; Counties and cities of the UK	Using maps; Settlements; Europe
Computing	Creating spreadsheets; Using presentation software	Collaborative databases and spreadsheets; Using logical reasoning; Writing programs; Effective online research; Presentations		Presenting information	Online research and communication	Animation; Images
A&D	Embossed pattern and pictures; Making jewellery	Native American dreamcatchers; Weaving; Journey sticks	Neolithic art; Clay beakers; Iron Age jewellery	Design; Clay work; Crayon art; Photography	Painting	Patterns and print making; Sketchbooks
D&T	Product evaluation; Research; Selecting materials; Making vehicles; Building an iron man; Using electrical circuits	Preparing US dishes; Making models; Designing totem pole	Designing and making tools; Building structures	Developing products	Mechanical systems; Structures	Making weapons and jewellery; Models of Anglo-Saxon homes; Clay rune stones
History		Native Americans	Prehistoric Britain - Stone Age to Iron Age	Historic use of potions		Anglo-Saxons and Vikings
Music	Performing	Traditional and cultural music		Improvising		Composing lyrics
PSHE	Rights, Rules and Responsibilities; My Emotions; Anti-bullying		Diversity and Communities; Drug Education		E-Safety; Personal Safety; Managing Change	
Science	Forces and magnets; Working scientifically	Electricity	Plants; Light; Working scientifically	States of matter	Soil; Plants; Working scientifically	
PE	Using equipment			Dance	Team challenges	Competitive games; Attack and defence games
Linked investigations (LTI)	Can you block magnetism? Why do magnets attract and repel? What does friction do? How mighty are magnets?	What conducts electricity? How do plugs work? Can you make a circuit from play dough?	Do plants have legs? What are flowers for?	Are all liquids runny? How do smells get up your nose? Is custard a liquid?	What is soil? How fast does water flow?	How did Vikings dye their clothes?
RE	How and why are churches different?	What moral guidance do sacred texts provide?	Why is prayer important to Muslims?	Why should we give peace a chance?	Is it fair?	Why do some people go on a spiritual journey?