Year 1 - 6 - Curriculum map

Cornerstones

Planned half term	ILP	Year group	Subject focus	Memorable experience	Innovate challenge	Love to Read link	Love to Investigate	English	Art & Design	Computing	D&T	Geography	History	Mathematics	Music	PE	PSHE	Science
1	Mighty Metals	Year 3	Science	Visit a local playground	A friend for the Iron Man	The Iron Man - Ted Hughes	Can you block magnetism? Why do magnets attract and repel? What does friction do? How mighty are magnets?	Non-chronological reports; Explanations; Instructions; List poetry; Recounts	Embossed pattern and pictures; Making jewellery	Creating spreadsheets; Using presentation software	Product evaluation; Using research to inform design; Selecting materials; Making vehicles; Building an Iron Man; Using electrical circuits	Discrete	Discrete	Measuring length	Performing using metal objects for instruments	Using PE equipment to explore forces	Discrete	Forces and magnets; Working scientifically
2	Traders and Raiders	Year 4	History	Make sailing boats	Trade fair	Erik the Viking	How did Vikings dye their clothes?	Reports; Character profiles; Myths and legends; Poetry; historical narrative	Patterns and print making; Sketch books	Animation; Digital images	Jewellery and weapon making; Models of Anglo-Saxon homes; Clay rune stones	Using maps; Settlements; Europe	Anglo-Saxons and Vikings	Using money	Singing and composing lyrics	Competitive games; Attack and defence skills	Discrete	Discrete
3	Heroes and Villains	Year 3	Music	Meet Cruella De Vil	Rap about heroes and heroines	101 Dalmatians - Dodie Smith The Lion, the Witch and the Wardrobe - C.S. Lewis	Are mushrooms deadly?	Biography; Dialogue; Riddles; Fairy tales; Comic strips	Sculpture; Illustration	Web searches	Puppet making; Flip books	Discrete	Discrete	Discrete	Singing and performance; Comparing music; Listening and appreciation; Notation; Composition; Rhythm	Discrete	Moral issues and dilemmas; Role models; Good deeds; Organisations that help people; Values and goals	Discrete
4	Misty Mountain Sierra	Year 4	Geography	Visit a local hill or moor	Plan a mountaineering holiday	The Hobbit - J.R.R.Tolkein	What do squirrels eat? Where does water go? Can worms sense danger? Why does it flood?	Recounts and non-chronological reports; Calligrams; Explanations; Leaflets; Narrative	Clay modelling; Weaving	Satellite mapping; Using GPS devices; 2-D animation; Online research	Discrete	Using maps; Human and physical geography	Discrete	Presenting data; Converting between units of measure	Writing song lyrics	Orienteering	Facing new challenges; Mountain safety	States of matter; Working scientifically
5	Urban Pioneers	Year 3	Art & Design	Bus trip to town	Make public art	Emil and the Detectives - Erich Kästner The Family from One End Street - Eve Garnett	Why do cat's eyes glow at night? Why do shadows change? What are sunglasses for?	Leaflets; Free verse poetry; Autobiography; Email; Signs and slogans	Photography; Graffiti art; Observational drawing	Digital maps; Programming; audio recording; Using search engines effectively	Discrete	Geographical skills and fieldwork	A local history study	Data handling	Discrete	Discrete	Being safe; Presenting own opinions	Light and dark; Sources and reflectors; Shadows; Sun safety; Working scientifically
6	Flow	Year 3	Geography	Visit a local stream or river	Investigate a pollution outbreak	Swallows and Amazons - Arthur Ransome	What is soil? How fast does water flow?	Newspaper reports; Poetry; Journals; Debate; Instructions	Painting	Online research and communication	Mechanical systems; Structures	Using maps; Fieldwork; Water cycle; Human and physical features; Rivers of the world; Counties and cities of the UK	Discrete	Using data; Measures (volume/capacity); Calculating water speed	Discrete	Team challenges	Expressing opinions; Feeling positive	Soil; Aquatic plants; Working scientifically
7	Predator!	Year 3	Science	Animal experience	The ultimate predator	The Sheep Pig - Dick King-Smith	How do fossils form? What are our joints for? Why are trees tall? What do owls eat? How do worms move?	Recounts; Leaflets; Poetry; Dilemma stories; Speeches	3-D scale models	Algorithms; Flow diagrams; Online research; Using logical reasoning; Graphics software; Digital presentations	Selecting and using materials (collage and textiles)	Fieldwork; Using maps to locate countries and continents	Discrete	Data handling	Discrete	Comparing performances; Competitive games (attack and defence tactics)	Discrete	Food chains; Fossils; Plant parts and functions; Water transportation in plants; Skeletal systems; Working scientifically
8	Scrumdiddlyumptious!	Year 3	D&T	Visit a local shop or supermarket	Invent a smoothie	Charlie and the Chocolate Factory - Roald Dahl	Which is the juiciest fruit? Is it safe to eat?	Recounts; Recipes and instructions; Nonsense poetry; Non-chronological reports; Adverts	Sculpture	Web searches; Emails	Cooking and nutrition	Food miles and fair trade	Significant individuals - James Lind	Measures and money	Vegetable orchestra	Exercise	Discrete	Nutrition
9	I am Warrior!	Year 4	History	Battle re-enactment	Become a Roman soldier	Thieves of Ostia	Did the Romans use toilet roll?	Soliloquies; Historical narrative; Play scripts; Instructions, invitations and menus; Letters	Drawing; Sculpture; Mosaic; Jewellery making	Discrete	Shields and helmets; Roman food; Roman design	Comparing Britain and Italy; Using maps; Locational knowledge; Human and physical geography	The Roman Empire and its impact on Britain	Reading Roman numerals	Discrete	Competitive games; Building strength and agility	Recognising achievements	Discrete
10	Potions	Year 4	Science	Alice in Wonderland discovery trail	Create a potion	Alice in Wonderland - Lewis Carroll	Are all liquids runny? How do smells get up your nose? Is custard a liquid?	Labels and instructions; Letter writing; Play scripts; Poetry; Non-chronological reports	Design; Clay work; Crayon art; Photography	Presenting information	Product development	Discrete	Historic use of potions	Measurement	Improvising	Dance	Discrete	States of matter
11	Blue Abyss	Year 4	Art & Design	Visit an aquarium	3-D art exhibition	Treasure Island 20,000 Leagues Under the Sea	Are all sea creatures the same? How does pollution affect habitats?	Poetry using personification; Dilemma stories; Biography; Persuasive letters; Ballads	Observational drawing; 3-D models; Clay sculpture; Anthony Gormley – Another Place; Batik art; Printing; Famous seascapes	Programming; Video editing; Multimedia presentations	Submarine design; Working models	Seas and oceans of the world; The Great Barrier Reef; Environmental issues	19th century ocean exploration	Discrete	Discrete	Discrete	Discrete	Living things and their habitats; Animals, including humans; Working scientifically
12	Road Trip USA!	Year 4	Geography	Visit' 14 US States	Plan a family holiday	The Indian in the Cupboard	What conducts electricity? How do plugs work? Can you make a circuit from play dough?	Postcards; Emails; Diary writing; Myths and legends; Poetry	Native American dream catchers; Weaving; Journey sticks	Collaborative databases and spreadsheets; Using logical reasoning; Writing programs; Effective online research; Digital presentations	Preparing US dishes; Model making; Totem pole design	Using world and US maps; Human and physical geography	Native Americans	Discrete	Traditional and cultural music	Discrete	Expressing opinions; Stereotypes and discrimination	Electricity