



**Cornerstones**

## Year 5 & 6 - Curriculum map (Cycle A)

Year 5 & 6	ILP	Subject focus	Memorable experience	Innovate challenge	Love to Read	Love to Investigate	English	Mathematics	Science	Computing	History	Geography	Art & design	Design & technology	Music	PE	PSHE
1	Stargazers	Science	Visit an observatory or planetarium Astrodome	Rocket launch	The Iron Man – Ted Hughes; Northern Lights - Philip Pullman;	How do we know the Earth is round? Can we track the Sun? How do rockets lift off? Why do planets have craters? How does the Moon move?	Mnemonics; Myths & legends; Free verse poetry; Newspaper reports; Science fiction/graphic narrative	Problem solving using measures	Earth & space; Forces; Working scientifically	Programming; Stop-frame animation	Significant individuals - Galileo Galilei, Isaac Newton; 1960's Space Race	Locating physical features	Printing; Design	Selecting materials; Design research; Structures; Evaluation	Space-inspired music and lyrics	Dance	Discrete
2	Frozen Kingdom	Geography	Investigate ice	Polar rescue mission	Northern Lights - Philip Pullman; The Call of the Wild - Jack London	How do animals stay warm? Can we slow cooling down?	Chronological report; Short narrative; Diaries; Haiku poetry; Letter writing	Measurement (temperature); Negative numbers	Living things and their habitats	Collecting, evaluating and presenting information	Exploration in the early 1900s	Features of the polar regions	Photography; Painting; Block printing	Building an igloo	Soundscapes	Outdoor adventure; Orienteering	Care of the environment
3	Off with Her Head!	History	Elizabeth I deathbed scene	The trial of Anne Boleyn	Treason - Berlie Doherty	Why does a compass always point north?	Biographies; Poetry and riddles; News reports; Persuasive letters; Dialogue	Discrete	Properties and changes of materials; Working scientifically	Research; Data handling; Presentation	The Tudors	Historic maps	Portraits; Sketching Tudor fashions; 3-D modelling	Discrete	Tudor music; Composition	Tudor dance	Rules and consequence
4	Alchemy Island	Music	Chief Alchemist's riddle	Game soundtrack	Wizard of Earthsea - Ursula Le Guin;	Can you clean dirty water? Do all solids dissolve? Will it erupt? Which materials conduct heat?	Fantasy narrative; Non-chronological reports; Soliloquies; Poetry; Lyrics	Measurement Capacity	Properties and changes of materials; Working scientifically	Digital photography; Debugging programs; Gaming	The Tudors	Map reading; Using co-ordinates; Human and physical features	Discrete	Electrical circuits; Designing a board game	Composing; Recording and editing software; Atmospheric music; Graphic scores	Discrete	Discrete
5	Tomorrow's World	Computing	Interview a web-designer, blogger or podcaster	Spy school website	Stormbreaker - Anthony Horowitz	How does light travel? What is a reflection? Can you see through it? Can you turn a light down?	Email and blogs; Newspaper reports; Websites; Thriller narratives; Podcasts	Discrete	Light; Electricity	Effective and safe online research; Computer networks; Algorithms; Using logical reasoning; Downloading music; Website design; 'Text' language	History of computing	Discrete	Logo design	Key individuals in design and technology; Assistive technologies; Programming, monitoring and controlling products; Website header design; Product design	Discrete	Discrete	Jobs of the future; Explaining opinions
6	Gallery Rebels	Art & design	Visit a gallery	Create gallery exhibits	Framed - Frank Cottrell Boyce	Is green really green?	Research; Short narrative; Expressionist poetry; Surrealist narrative; Explanatory text	Discrete	Light	Collecting, evaluating and presenting information	Significant artists of the 19th and 20th centuries	Locational knowledge	Great artists of the 19th and 20th centuries	Selecting and using tools and materials	Listening, improvising and composing	Dance	Discrete



**Cornerstones**

## Year 5 & 6 - Curriculum map (Cycle B)

Year 5 & 6	ILP	Subject focus	Memorable experience	Innovate challenge	Love to Read	Love to Investigate	English	Mathematics	Science	Computing	History	Geography	Art & design	Design & technology	Music	PE	PSHE
7	Revolution	History	Visit a Victorian classroom	Queen Victoria's end-of-exhibition dinner	Black Beauty - Anna Sewell; A Christmas Carol - Charles Dickens; The Wolves of Willoughby Chase - Joan Aiken	Can fruit light a bulb?	Non-chronological reports; Historical fiction; Biographies; Limericks; Diary writing /journals	Discrete	Electricity	Digital photography	The Victorians	Cities and transport in Victorian times; Using maps	Artists of the Victorian period; Printing	Victorian homecraft; Model buildings	Victorian parlour songs	Exercise	Reflecting on achievements
8	Blood Heart	Science	Sheep's heart dissection	Heart charity fundraiser	Pig Heart Boy - Malorie Blackman	How does blood flow? What's in blood? What can your heart rate tell you?	Non-chronological reports; Shape poetry; Slogans and adverts; Biography; Narrative using personification	Pie charts	Human circulatory system; Measuring heart rate; History of blood groups; Lifestyle effects; Working scientifically	Using websites; Flow diagrams	Discrete	Discrete	Modelling and sculpture; Abstract art	Selecting tools and equipment; Healthy recipes; Product packaging; Working models	Pulse; Heart raps	Cardiovascular exercise	Harmful substances; Caring about others
9	Time Traveller	Art & design	Interview people of different generations	Build a time machine!	Tom's Midnight Garden - Philippa Pearce	Do we slow down as we get older?	Character study; Adventure narrative; Leaflets; Free verse poetry; Quotations & poems	Time; Interpreting data	Animals (including humans); Living things and their habitats; Working scientifically	Digital portraits; Data logging; Online research	Changes over the last century	Changes in the local community	Photography; Great artists - Andy Warhol, Salvador Dali; Collage	Selecting materials	Discrete	Timing physical activity	Body changes approaching puberty; Meeting and talking with people; Reflecting on spiritual, moral, social and cultural issues; Setting personal targets; Feeling positive
10	A Child's War	History	Evacuees	Street party	Goodnight Mister Tom - Michelle Magorian; The Silver Sword - Ian Serrailler	How can you send a coded message?	Letters; Diaries; Persuasive writing; Narrative dialogue; Speeches	Discrete	Discrete	Using search technologies; Using presentation software	The Second World War	Human geography; Cities of the UK	Discrete	Following recipes; Building structures	Listening, performing and composing	Competitive games; Dance	Empathising with people in different times
11	Scream Machine	Science	Visit a fairground, theme or adventure park	Design a drop ride	The Boy Who Swam with Piranhas - David Almond	How do levers help us? Why are zip-wires so fast? What do pulleys do?	Poetry; Short narrative with dialogue; Signage and emails; Adverts; Non-fiction books	Measures (money)	Forces; Properties of everyday materials; Mechanisms; Working scientifically	Digital photography; Creating digital maps; Effective online research; Logical reasoning and algorithms; Safe and respectful use of technology; Online discussion; Digital posters	Discrete	Theme parks in the UK and overseas	Photography and image editing	Ride design; Programming models; Mechanical systems; Working models; Evaluation; Food	Discrete	Discrete	Discussion and debate
12	Darwin's Delights	Science	Animal specimen observation	Morphing animation	Sky Hawk - Gill Lewis	How have eyes evolved? How many worms are underground? Where do wild plants grow best? Why do birds have different beaks? Why is holly prickly?	Labelling and journals; Diaries; Letters; Explanations; Newspaper reports	Discrete	Evolution and inheritance; Living things and their habitats; Working scientifically	Online research; Morphing animations; Understanding computer networks	Significant individuals - Charles Darwin, Mary Anning	Using maps; Geographical similarities and differences; Islands of the world	Creating sketchbooks; Observational drawing	Selecting and using tools and materials	Discrete	Discrete	Taking responsibility