



Year 5/6 - Curriculum map Year A and B



Planned half term	ILP	Year group	Subject focus	Memorable experience	Innovate challenge	Recommended book (mostly Power of Reading texts)	Love to Investigate	Art & design	Computing	Design & technology	Geography	History	Mathematics	Music	PE	PSHE	Science
Year A Autumn1	Pharaohs	Year 5	History	Mummification scene	Egyptian funeral preparations	1. The Egyptian Echo (Newspaper History) by Paul Dowsell 2. The Phoenix Code by Helen Moss 3. Secrets of a Sun King by Emma Carroll 4. Marcy and the Riddle of the Sphinx Joe Todd Stanton (Graphic novel style)	Why does milk go off?	Drawing artefacts, headwear, hieroglyphic amulets	ESafety Project Evolve Self Image, Identity and Online Relationships Computer Science: Lightbot – Algorithms Procedures. Loops and Debugging	Clay water carriers, Egyptian food, model tombs, pyramids	Human and physical features of Egypt - River Nile, tourism	Ancient Egypt	Discrete	discrete	discrete	Moral issues, customs and beliefs, role playing Egyptian citizens	Discrete
Year A Autumn 2	Beast Creator	Year 5	Science	Visit a butterfly, insect or tropical house	Design a super-mini-beast	1. The Last Wild By Piers Torday 2. Varmints By Helen Ward (picture book)	How do worms reproduce? Why do birds lay eggs?	Drawing; Perspectives	E-safety: Project Evolve Managing Online Information Computer Science: Scratch-Simple Game creation	Model making	Local fieldwork; Contrasting locations	Discrete	Measurement; Statistics	Discrete	Discrete	Debating ethical issues	Living things and their habitats
Year A Spring 1	Frozen Kingdom	Year 6	Geography	Investigate ice	Polar rescue mission	1. Shackleton's Journey by William Grill 2. Ice Trap! Shackleton's Incredible Expedition by Meredith Hooper	How do animals stay warm? Can we slow cooling down?	Photography; Painting; Block printing	E-safety: Project Evolve Health, Wellbeing and Lifestyle Information Technology: Animation through varied apps Information Technology: Website creation. Sharepoint	Building an igloo	Features of the polar regions	Emigration and exploration in the early 1900s	Measurement (temperature); Negative numbers	Soundscapes	Outdoor adventure; Orienteering	Care of the environment	Living things and their habitats.
Year A Spring 2	Revolution	Year 6	History	Victorian classroom visit	Present their cause (social/Industrial of the time) in 2 mins to special guests of Queen Victoria	Cogheart by Peter Bunzl	How was life in Victorian times different to 21st century? What had been invented?	Non-chronological reports; biographies; diary writing and journals	E-safety: Project Evolve Privacy and Security Computer Science: MIT App Inventor Making an app about secondary school to take home Using IT beyond school	3D models; Victorian school activity	Transportation links	Victorian classroom; crime and punishment; Victorian child and family life; revolution	Discrete	Victorian parlor evening	Drills	Evaluating our work	Discrete - Investigate Sound & Hearing
Year A Summer 1	Tomorrow's World	Year 6	Computing	Interview a web-designer, blogger or podcaster	Spy school website	Brightstorm: a sky-ship adventure by Vashti Hardy	How does light travel? What is a reflection? Can you see through it? Can you turn a light down?	Logo design	E-Safety Project Evolve Online Reputation Computer Science: HTML Hacking and Python Coding	Key individuals in design and technology; Assistive technologies; Programming, monitoring and controlling products; Website header design; Product design	Discrete	History of computing	Discrete	Discrete	Discrete	Jobs of the future; Explaining opinions	Light; Electricity
Year A Summer 2	Scream Machine	Year 5	Science	Visit a fairground, theme or adventure park	Design a drop ride	The London Eye Mystery By Siobhan Dowd	How do levers help us? Why are zip-wires so fast? What do pulleys do?	Photography and image editing	Computer Science: Swift Playground Conditional Code, While loops and Logic.	Ride design; Programming models; Mechanical systems; Working models; Evaluation; Food	Theme parks in the UK and overseas	Discrete	Measures (money)	Discrete	Discrete	Discussion and debate	Forces; Properties of everyday materials; Mechanisms; Working scientifically
Year B Autumn 1	A Child's War	Year 6	History	Evacuees	Street party	1. An Elephant in the Garden by Michael Murpurgo 2. Rose Blanche By Roberto Innocenti (picture book)	How can you send a coded message?	Discrete	E-Safety: Project Evolve Self-image and Identity Online Relationships	Following recipes; Building structures	Human geography; Cities of the UK	The Second World War	Discrete	Listening, performing and composing	Competitive games; Dance	Empathising with people in different times	Discrete
Year B Autumn 2	Blood Heart	Year 6	Science	Sheep's heart dissection	Heart charity fundraiser	1. Pig Heart Boy by Malorie Blackman 2. Cogheart by Peter Bunzl	How does blood flow? What's in blood? What can your heart rate tell you?	Modelling and sculpture; Abstract art	Information Technology: 3D modelling using Sketchup. Information Technology: Creating CVS Using IT beyond school	Selecting tools and equipment; Healthy recipes; Product packaging; Working models	Discrete	Discrete	Pie charts	Pulse; Heart raps	Cardiovascular exercise	Harmful substances; Caring about others	Human circulatory system; Measuring heart rate; Lifestyle effects; How have humans changed (evolution); How do Humans Change - birth to old age; Working scientifically

Year B Spring 1	Hola Mexico!	Year 6	Music	Mexican musical performance	Festival procession	<p>1. Seasons of Splendour By Madhur Jaffrey</p> <p>2. Tales from the Caribbean retold By Trish Cooke</p> <p>3. Holes By Louis Sachar</p>	How can we make red? What colour is a shadow?	Sculpture; Maya art; Carving	E-safety: Project Evolve Online Reputation and Copyright and Ownership Information Technology: Making Videos	Food of Mexico; Evaluating and making instruments	Using maps; Human and physical geography of Mexico	Ancient Maya civilisation	Discrete	Mexican music; Musical notation	Mexican dance	Discrete	Light and shadows
Year B Spring 2	Allotment	Year 5	Geography	Visit an allotment	Hold a farmer's market	<p>1. The Midnight Fox By Betsy Byars</p> <p>2. Fox By Margaret Wild</p>	Do dock leaves cure a sting? How many potatoes can you grow?	Botanical drawing and painting; Wire sculpture	E-Safety: Project Evolve Managing Online Information Computer Science: Microsoft Kodu – Advanced game creation	Cooking and nutrition; Making planters; Making structures for growing plants	Land use; Food origin; Geographical skills and fieldwork; Map work; Climate	Discrete	Recording data; Selling produce	Discrete	Discrete	Taking responsibility	Plant reproduction and life cycles; Life cycles of mammals, amphibians, insects and birds; relate plants to study of evolution & inheritance and all living things; Working scientifically
Year B Summer 1	Alchemy Island	Year 5	Music	Chief Alchemist's riddle	Game soundtrack	<p>1. If You Find This By Matthew Baker</p> <p>2. Journey to the River Sea By Eva Ibbotson</p>	Can you clean dirty water? Do all solids dissolve? Will it erupt? Which materials conduct heat?	Discrete	E-Safety: Project Evolve Online Bullying and Privacy and Security Computer Science: Spreadsheets – Using Formula to automate mathematical problems Computer Science: Networks: Search Algorithms	Electrical circuits; Designing a board game	Map reading; Using co- ordinates; Human and physical features	Discrete	Discrete	Composing; Recording and editing software; Atmospheric music; Graphic scores	Discrete	Discrete	Properties and changes of materials; Working scientifically
Year B Summer 2	Stargazers	Year 5	Science	Visit an observatory or planetarium	Rocket launch	<p>1. Cosmic by Frank Cottrell Boyce</p> <p>2. Cosmic Disco By Grace Nichols (poetry book)</p> <p>3. Northern Lights by Philip Pullman</p> <p>4. Jamie Drake Equation by Christopher Edge</p>	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?	Printing; Design	E-safety: Project Evolve Copyright and ownership and Health, Wellbeing and Lifestyle Information Technology: Using shared cloud documents Information Technology: ChildNet video competition	Selecting materials; Design research; Structures; Evaluation	Locating physical features	Significant individuals - Galileo Galilei, Isaac Newton; 1960's Space Race	Problem solving using measures	Space-inspired music and lyrics	Dance	Discrete	Earth and space; Forces; Magnets; Working scientifically