



Dragon Class - Curriculum map



Planned half term	ILP	Year group	Subject focus	Memorable experience	Innovate challenge	Love to Read	Love to Investigate	English	Art & design	Computing	Design & technology	Geography	History	Mathematics	Music	PE	PSHE	Science
1	Alchemy Island	Year 5	Music	Chief Alchemist's riddle	Game soundtrack	Wizard of Earthsea - Ursula Le Guin; The Lion, the Witch and the Wardrobe - C.S. Lewis	Can you clean dirty water? Do all solids dissolve? Will it erupt? Which materials conduct heat?	Fantasy narrative; Non-chronological reports; Soliloquies; Poetry; Lyrics	Discrete	Digital photography; Debugging programs; Gaming	Electrical circuits; Designing a board game	Map reading; Using coordinates; Human and physical features	Discrete	Discrete	Composing; Recording and editing software; Atmospheric music; Graphic scores	Quidditch	Discrete	Properties and changes of materials; Working scientifically
2	Beast Creator	Year 5	Science	Visit a butterfly, insect or tropical house	Design a super-minibeast	Charlotte's Web - E.B. White	How do worms reproduce? Why do birds lay eggs?	Non-chronological reports; Instructions and advertisements; Comic strips; Limericks and kennings; Fantasy narrative	Drawing; Perspectives	Research and presentation	Model making	Local fieldwork; Contrasting locations	Discrete	Measurement; Statistics	Discrete	Quidditch	Debating ethical issues	Living things and their habitats
3	ID	Year 6	Science	Meet John Doe	Forensic crime scene	Bill's New Frock - Anne Fine	How does inheritance work? Why are things classified?	Descriptions / Narrative; Non-chronological reports; Adverts; Facts and opinions/tributes; Calligrams	Portraiture and figurines	Select, use and combine a variety of software; Photo stories; E-safety	Using tools; Design; Fashion and clothing	Local community/Where I live	Social reformers	Ratio and percentages; Data and statistics	Appraising; Listening to voices	Physical challenges	Identity, personal views and opinions; My place; Recognising strengths	Classification; Families and inheritance; Working scientifically
4	Hola Mexico!	Year 6	Music	Mexican musical performance	Festival procession	Holes - Louis Sachar	How can we make red? What colour is a shadow?	Invitations; Postcards; Instructions; Myths and legends; Poetry	Sculpture; Maya art; Carving	Online research; Digital presentations	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
5	Tomorrow's World	Year 6	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	Logo design	Effective and safe online research; Computer networks; Algorithms; Using logical reasoning; Downloading music; Website design; 'Text' language	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
6	Pharaohs	Year 5	History	Mummification scene	Egyptian funeral preparations	Phoenix Code - Helen Moss	Why does milk go off?	Chronological reports; Fact files; Research skills; Mystery stories; Play scripts	Drawing artefacts; Headwear; Hieroglyphic amulets	Discrete	Clay water carriers; Egyptian food; Model tombs and pyramids	Human and physical Features of Egypt; The River Nile; Tourism	Ancient Egypt	Discrete	Discrete	Discrete	Moral issues; Customs and beliefs; Role-playing Egyptian citizens	Discrete
7	Off with Her Head!	Year 5	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	Portraits; Sketching Tudor fashions; 3-D modelling	Research; Data handling; Presentation	Discrete	Historic maps	The Tudors	Discrete	Tudor music; Composition	Tudor dance	Rules and consequence	Discrete
8	Scream Machine	Year 5	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	Photography and image editing	Digital photography; Creating digital maps; Effective online research; Logical reasoning and algorithms; Safe and respectful use of technology; Online discussion; Digital posters	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
9	Stargazers	Year 5	Science	Visit an observatory or planetarium	Rocket launch	Northern Lights - Philip Pullman; Alone on a Wide, Wide Sea - Michael Morpurgo; Cosmic - Frank Cottrell Boyce	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 and legends; Free verse poetry; Newspaper reports; Science fiction/graphic narrative	Printing; Design	Programming; Stop-frame animation	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; Working scientifically
10	Darwin's Delights	Year 6	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	Creating sketchbooks; Observational drawing	Online research; Morphing animations; Understanding computer networks	Discrete	Using maps; Geographical similarities and differences; Islands of the world	Significant individuals - Charles Darwin, Mary Anning	Discrete	Discrete	Discrete	Taking responsibility	Evolution and inheritance; Living things and their habitats; Working scientifically
11	Blood Heart	Year 6	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	Modelling and sculpture; Abstract art	Using websites; Flow diagrams	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; History of blood groups; Lifestyle effects; Working scientifically
12	A Child's War	Year 6	History	Evacuees	Street party	Goodnight Mister Tom - Michelle Magorian; The Silver Sword - Ian Serrallier	How can you send a coded message?	Letters; Diaries; Persuasive writing; Narrative dialogue; Speeches	Discrete	Using search technologies; Using presentation software	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
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	Peasants, Princes & Pestilence	Year 5	History	Meet 'Pestilence'	Prevent a plague outbreak	Children of Winter - Berlie Doherty	What is the life cycle of a mealworm? How clean are your hands?	Narrative using personification; Journals; English poetry; Persuasive speech; Letters	Discrete	Collecting, evaluating and presenting data and information	Sketch books; Printmaking; Historical recipes	Using maps	14th century England	Position and direction	Composing and singing	Dance; Historical games; Battle re-enactment	Discrete	Working scientifically; Living things
	Time Traveller	Year 5	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	Photography; Great artists - Andy Warhol, Salvador Dali; Collage	Digital portraits; Data logging; Online research	Selecting materials	Changes in the local community	Changes over the last century	Time; Interpreting data	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	Animals (including humans); Living things and their habitats; Working scientifically

	Allotment	Year 5	Geography	Visit an allotment	Hold a farmer's market	The Secret Garden - Frances Hodgson Burnett	Do dock leaves cure a sting? How many potatoes can you grow?	Non-chronological reports; Instructions; Explanations; Narrative; Poetry	Botanical drawing and painting; Wire sculpture	Using the web; Word processing	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; Working scientifically
	Gallery Rebels	Year 6	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	Great artists of the 19th and 20th centuries	Collecting, evaluating and presenting information	Selecting and using tools and materials	Locational knowledge	Discrete	Discrete	Listening, improvising and composing	Dance	Discrete	Light
	Frozen Kingdom	Year 6	Geography	Investigate ice	Polar rescue mission	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	Photography; Painting; Block printing	Collecting, evaluating and presenting information	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
	Revolution	Year 6	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	Artists of the Victorian period; Printing	Digital photography	Victorian homecraft; Model buildings	Cities and transport in Victorian times; Using maps	The Victorians	Discrete	Victorian parlour songs	Exercise	Reflecting on achievements	Electricity

Discrete