

Planned half term	Year 5	Subject focus	Memorable experience	Innovate challenge	Love to Read	Love to Investigate	English	Art & design	Computing	Design & technology	Geography	History	Mathematics	Music	PE	PSHE	Cornerstones
1	Pharaohs	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
2	Beast Creator	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	Discrete	Debating ethical issues	Living things and their habitats
3	Firedamp and Davy Lamps	History	Visit a mining museum	Plan a mining exhibition	N/A	N/A	Explanations; Inference	Art appreciation – Pitmen Painters; Sketching	Discrete	Discrete	Natural resources; Sketch maps; Energy	Timelines; The Industrial Revolution; Mining disasters; Mining strikes	Discrete	Discrete	Discrete	Health and safety rules; Opinions	Rocks; Properties of materials
4	Stargazers	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
5	Allotment	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
6	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	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