



Year 5 - Curriculum map



Planned half term	Year 5	Subject focus	Memorable experience	Innovate challenge	Involve	Love to Read	Love to Investigate	English	Art & design	Computing	Design & technology	Geography	History	Mathematics	Music	PE	PSHE	Science	RE
1	Beast Creator	Science	Mini Beast Hunt in school grounds and Worm Charming; Make a wormery; Observational Drawing	Design a super-minibeast	Large Scale Junk Modelling activity	The Midnight Fox-Betsy Byars	What is the life cycle of the mealworm?	Non-chronological reports; Instructions; Adventure Story (Charlotte's Web); Poetry	Drawing; Perspectives	Research and presentation	Model making	Local fieldwork; Contrasting locations	Discrete	Number and place value (NPV); Written addition and subtraction (WAS); Problem solving, reasoning and algebra (PRA); Mental addition and subtraction (MAS); Decimals, percentages and their equivalence to fractions (DPE);	Discrete	Invaders; Bootcamp	Physical Health and Wellbeing in the Media	Living things and their habitats	Understanding Faith in our school and local community
2	Stargazers	Science	Mobile Planetarium to visit school	Rocket launch	Alien Collages	Northern Lights - Philip Pullman; Cosmic - Frank Cottrell Boyce	Why do planets have craters?	Myths and legends (moon based); Newspaper reports;	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	Mental multiplication and division (MMD); Fractions, ratio and proportion (FRP); Written multiplication and division (WMD); Problem solving, reasoning and algebra (PRA); Geometry: properties of shapes (GPS); Number and	Space-inspired music and lyrics	Dance; Mighty Movers	Identify, society and democracy; stereotypes, discrimination and prejudice (including tackling homophobia)	Earth and space; Forces; Working scientifically	Remembrance; What does Christmas mean today?
3	Pharaohs	History	Mummification scene; Headdresses and Hieroglyphs	Egyptian funeral preparations	Presentations	Phoenix Code - Helen Moss	Why does milk go off?	Chronological reports; Mystery stories (The Mummy's Finger); The Polar Express	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	Number and place value (NPV); Decimals, percentages and their equivalence to fractions (DPE); Problem solving, reasoning and algebra (PRA); Mental addition and subtraction (MAS); Written addition and subtraction	Discrete	Gym; Step to the Beat	Keeping safe and managing risk: when things go wrong	Discrete	What does it mean to be a Hindu?
4	Alchemy Island	Music	Chief Alchemist's riddle	Game soundtrack	Play Board Games Created	Harry Potter and the Philosphers Stone-J K Rowling	Can you clean dirty water?	Fantasy narrative (Alice in Wonderland); Poetry	Discrete	Digital photography; Debugging programs; Gaming	Electrical circuits; Designing a board game	Map reading; Using co-ordinates; Human and physical features	Discrete	Written multiplication and division (WMD); Fractions, ratio and proportion (FRP); Geometry: properties of shapes (GPS); Problem solving, reasoning and algebra (PRA); Measurement (MEA); Fractions, ratio and proportion	Composing; Recording and editing software; Atmospheric music; Graphic scores	Nimble Nets; Gymfit Circuits	Mental health and emotional wellbeing; Dealing with feelings	Properties and changes of materials; Working scientifically	Should every Christian go on a pilgrimage? What happens in churches at Easter?
5	Scream Machine	Science	Theme Park Trip	Design a drop ride	Presenting Drop Rides with advertisements and promotional material; Ice creams!	Candyfloss - Jacqueline Wilson	Why are zip-wires so fast?	Poetry; The Boy Who Swam with Piranhas - David Almond; Ultimate Explorers non-chronological reports	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	Mental addition and subtraction (MAS); Decimals, percentages and their equivalence to fractions (DPE); Problem solving, reasoning and algebra (PRA); Fractions, ratio and proportion (FRP); Written multiplication and	Discrete	Striking and Fielding; Cool Core	Drug, alcohol and tobacco education: different influences	Forces; Properties of everyday materials; Mechanisms; Working scientifically	What are the miracles of Jesus?
6	Time Traveller	Art & design	Lego Clock Workshop (Chertsey)	Build a time machine!	Dream Jars for the Future	The Time Travelling Cat; The Indian in the Cupboard	Do we slow down as we get older?	Adventure narrative (Tom's Midnight Garden - Philippa Pearce); The Highwayman	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	Mental multiplication and division (MMD); Problem solving, reasoning and algebra (PRA); Fractions, ratio and proportion (FRP); Written multiplication and division (WMD); Measurement (MEA); Decimals, percentages and	Discrete	Young Olympians; Fitness Frenzy	Careers, financial capability and economic wellbeing; Borrowing and earning money	Animals (including humans); Living things and their habitats; Working scientifically	The journey of Life and Death

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