

## Mixed Age planning – 3 year rolling programme

Year 4/5/6

YEAR B (24-25)

	Autumn	Spring	Summer
Topics	<p>Britain at War</p> <p>Make Do and Mend</p> <p>Light Theory</p> <p>Evolution and Inheritance</p> <p>Distortion and Abstraction</p>	<p>Dynamic Dynasties</p> <p>Taotie</p> <p>Forces and Mechanisms</p> <p>Earth and Space</p> <p>Tints, Tones and Shades (Y5)</p> <p>Investigating our World</p> <p>Colour in Landscapes</p> <p>Moving Mechanisms</p>	<p>Sow, Grow and Farm</p> <p>Eat the Seasons</p> <p>Human Reproduction and Ageing</p> <p>Line, Light and Shadows</p> <p>Nature's Art</p>
Texts	Goodnight Mister Tom by Michelle Magorian	Bronze and Sunflower by Cao Wenxuan	The Secret Garden by Frances Hodgson Burnett
Memorable experience	<p>War museum</p> <p>What is abstract art?</p> <p>Make Do and Mend campaign</p>	<p>The Yellow Emperor and the Xia Dynasty</p> <p>Exploring pneumatics</p> <p>Exploring taotie motifs</p>	<p>Allotment visit</p> <p>Line up!</p> <p>Working outdoors</p> <p>Seasonality</p>
Innovate Challenge	<p>Memorial books</p> <p>Creating Orphism-style art</p> <p>Mrs Sew and Sew's challenge</p>	<p>Life after the Shang Dynasty</p> <p>Designing and making a pneumatic prototype</p> <p>Creating landscape paintings</p> <p>Making taotie pieces</p>	<p>Market gardeners</p> <p>Creating artwork with line, light and shadows</p> <p>Creating an instillation</p> <p>Seasonal soups</p>
English	Persuasive posters; Historical narratives; Nonets	Narrative poems; Biographies; Stories from another culture	Non-chronological reports; Diaries; Leaflets; Balanced arguments
Maths	Place value; Addition and subtraction; Multiplication and division; Time; Fractions; Shape; Algebra	Decimals and fractions; Multiplication and division; Addition and subtraction; Measures; Exploring decimals; Shape; Data Revision (Y6)	Number and place value; Addition and subtraction; Fractions; Multiplication and division; Decimals; Exploring measures; Time and data Y6 – Revision; Exploration in Maths; Maths around us; Puzzles and games
Geography	Place and interconnections of countries involved in wars; Maps	Ordnance Survey maps; Contour lines; Six-figure grid references; Time zones; Climate zones; Vegetation belts; Biomes; Human geography; World cities; Sustainable manufacturing processes; Relatives locations and distances; Transport networks; Settlement hierarchy; Local enquiry; Fieldwork	Land use in the UK; Allotments; Farming in the UK; Maps; Grid references; Climate zones; Physical features of North and South America; Farming in North and South America; Food transportation Residential - Liverpool
Computing	Barefoot Y5 – Scratch, algorithms and debugging Eaware – Privacy settings; Naked Images	Barefoot Y5 – Staying safe online; Evaluating digital content Eaware – Phishing; Digital Footprints	Barefoot Y5 – Using data Eaware – TikTok; Gaming
Art and Design	Abstract art; Abstraction by line, colour and shape; Significant artists – Pablo Picasso, Robert Delaunay and Sonia Delaunay; Orphism	Colour theory; Colour wheel; Mixing tints, shades and tones; Exploring, sketching and painting landscapes; Taotie motifs; Casting methods; Watercolours	Still life; Continuous line drawing; Significant artists – Pablo Picasso and Rembrandt; Shading techniques; Drawing on black paper; Black and

			white photography; Land art; Natural materials; Relief sculpture; Installations
Design Technology	Investigating clothing; Sewing – running stitch, whip stitch and blanket stitch; Repairing clothes; Making products from recycled materials	Pneumatic systems; Joining and finishing; Iterative design process; Building pneumatic machine prototypes	Seasonality; Cooking; Nutrition
History	First and Second World Wars; Causes; Warring nations; Weaponry, warfare and technology; Key events and battles; Impact on citizens and everyday life; Significant leaders; End of war; Remembrance; Post-war Britain Local History Study – How did the World Wars impact Raughton Head?	Ancient China; Timelines and chronology; Shang Dynasty; Sources and artefacts; Oracle bones and religious beliefs; Bronze Age in ancient China; Historical enquiry; Significance of jade and silk; Power and social hierarchy; Everyday life; Warfare; Significant individual – Di Xin; End of the Shang Dynasty; Bronze Ages around the world; Life after the Shang Dynasty; Legacy	Dig for Victory
Music	Class Ukuleles; Rap, Samba, Percussion	Class Ukuleles; Song styles	Class Ukuleles; Notation and Composition
PSHE	Health & well being Healthy Me Changing me Eaware	Relationships Celebrating difference Eaware	Living in the wider world Being me in my world Dreams and Goals Debating topical issues Eaware
Science	Light facts; How light travels; Light, sight and the human eye; Visible light; Perceiving colour; Shadows; Reflections; Plane, concave and convex mirrors; Measuring light; Refection; Five kingdoms, microorganisms and viruses; Classifying fossils; Theory of evolution and evolutionary tree diagrams; Inheritance and variation – continuous and discontinuous variation; Natural selection and survival of the fittest; Adaptations in birds' beaks; Adaptations in plants; Artificial selection; Testable hypothesis Working scientifically – Identifying and classifying; Comparative tests; Pattern seeking; Research	Contact and non-contact forces; Gravity; Mass and Weight; Discovering gravity – important scientists; Friction; Air resistance; Water resistance; Mechanisms – levers, pulleys, gears; Investigating forces and mechanisms; The Solar System; Scientists of the past who discovered how the Solar System works; The Earth, Sun and Moon; Planets and stars are spherical; Daytime and night time; Sundials; Day length and the seasons; Times of the day around the world; The phases of the Moon; Lunar and solar eclipses Working scientifically – Identifying and classifying, Observing changes over time, Comparative tests, Research, Pattern seeking	Food chains and webs; Life cycles; Plant reproduction; Growing plants; Modern farming; Animal life cycles; Stages and processes; Classifying mammals; Mammalian life cycles; Interpreting scatter graphs; Human life cycle; Human gestation stage; Human juvenile stage; Human adolescent stage; Puberty; Venn diagrams; Interpreting line graphs; Human sexual reproduction; Human ageing; Working scientifically – Observing changes over time, Identifying and classifying, Pattern seeking, Comparative test, Research
PE	Modified team games; hand/eye coordination; modified games, attacking and defending Tag Rugby Basketball	ABCs in isolation and combination; evaluating and recognising success through team games Dance, movement through music and gymnastics Handball	Dynamic movement through modified games; Developing flexibility, speed, strength, power, technique, control and balance Football Athletics Bat and ball games
RE	Judaism – Passover Christianity – Was Jesus the Messiah?	Buddhism – Dharma Day Christianity – What did Jesus do to save human beings?	Christianity – What does it mean if God is holy and loving? Christianity – How can following God bring freedom and justice?
French	Core 2; Food	My home; The body	Eating out; Seasons