

# Mixed Age planning - 3 year rolling programme

## Class 3 (Year 4/5/6)

### Cycle A

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	Burps, Bottoms and Bile  How do smells get up your nose? What is spit for?	Stargazers  Why are zip wires so fast? How do rockets lift off? How do levers help us? How does the moon move?	Misty Mountain, Winding River	I am Warrior  Did the Romans use toilet roll?	Darwin's Delights  Why do birds have different beaks? How many worms are underground? How have eyes evolved?	Alchemy Island  Will it erupt? Can you clean dirty water?
Texts	Demon Dentist by David Walliams; Why Do We Eat? by Stephanie Turnbull	Northern Lights by Philip Pullman; Alone on a Wide, Wide Sea by Michael Morpurgo; Cosmic by Frank Cottrell Boyce	King of the Cloud Forests by Michael Morpurgo	Thieves of Ostia by Caroline Lawrence	Sky Hawk by Gill Lewis	Wizard of Earthsea by Ursula Le Guin; The Lion, the Witch and the Wardrobe by C.S. Lewis
Memorable experience	Dental surgery visit	Visit an observatory or planetarium	River visit	Battle re-enactment	Animal specimen observation	Chief Alchemist's riddle
Innovate Challenge	Make a model of the digestive system	Rocket Launch	Learn about the Lakes	Become a Roman soldier	Morphing animation	Game soundtrack
English	Fact files; Explanations using idioms; Fantasy narratives; Slogans; Persuasive texts	Mnemonics; Myths and Legends; Free verse poetry; Newspaper reports; Descriptions	Diaries; Information leaflets; Explanations; Narrative poetry; Non-narrative writing	Soliloquies; Historical narratives; Play scripts; Instructions; Invitations and menus; Letters	Labelling and journals; Diaries; Letters; Explanations; Newspaper reports	Fantasy narratives; Non-chronological reports; Soliloquies; Poetry; Lyrics
Geography		Locating physical features	Rivers; Maps; Grid references; Contour lines; Physical processes - erosion, transportation and deposition; World rivers; Aerial images; Mountains; UK mountains; World mountains; Compass points; Water cycle; Altitudinal zones; Data analysis	Comparing Britain and Italy; Using maps; Locational knowledge; Human and physical geography	Maps; Geographical similarities and differences; Islands of the world	Map reading; Using coordinates; Human and physical features
Computing	Images; Algorithms; Video	Programming; Stop motion animation			Online research; Morphing animations; Computer networks	Photography; Debugging programs; Gaming
Art and Design		Printing; Design		Drawing; Sculpture; Mosaic; Jewellery	Creating sketchbooks; Observational drawing	
Design Technology	Healthy foods; Textiles; Working models	Selecting materials; Research; Structures; Evaluation	Mountain climbing equipment	Shields and helmets; Roman food; Roman designs		Electrical circuits; Designing a board game

History		Significant individuals - Galileo Galilei, Isaac Newton; 1960s space race		The Roman Empire and its impact on Britain	Significant individuals - Charles Darwin, Mary Anning	
Music	Improvisation & Composition Composing lyrics	Improvisation & Composition Lyrics	Tuned & Untuned Instruments	Tuned & Untuned Instruments	Singing & Performing	Singing & Performing Composing; Recording and editing software; Music; Graphic scores
PSHE	Health & well being Healthy bodies	Health & well being	Relationships Interruption of resources	Relationships Recognising achievements	Living in the wider world Taking responsibility	Living in the wider world
Science	Teeth types; Tooth decay and hygiene; Animals including humans - the digestive system; States of matter; Working scientifically; Investigations	Earth and space; Forces; Properties and changes of materials; Working scientifically; investigations	Water cycle; Habitats; Changing environments; Investigations	Investigations; Working scientifically	Evolution and inheritance; Living things and their habitats; Light; Working scientifically; Investigations	Properties and changes of materials; Working scientifically; Investigations
PE	Modified team games, hand/eye coordination Batting & fielding games - Kwik Cricket & rounders	Modified games, attacking & defending Tag Rugby	ABC's in isolation & combination Dance, movement through music & gymnastics	Evaluating & recognising success through games Handball, benchball, basketball & dodgeball	Dynamic movement through modified games Orienteering & volleyball	Developing flexibility, speed, strength, power, technique, control & balance Athletics & football
RE	Judaism - Shabbat	UC 2a.2 What is it like to follow God?	Buddhism - Kathina	Christianity - Holy Week and Easter	UC 2a.6 When Jesus left, what was the impact of Pentecost?	UC 2b.2 Creation and science: conflicting or complementary?
French	Core 1	Animals	Playtime	Describing people	On holiday	School trip