

Science Forces Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. (<i>The act of gravity on our lives</i>) Identify the effects of air resistance, water resistance and friction, which act between moving surfaces. Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.		Literacy Firebird by Saviour Pirotta Formal letters, retellings, character descriptions 		The Island by Armin Greder Welcome guide, descriptions, letter of advice, diary entry in role, imagined conversation 		Religious Education What does it mean to be a Muslim in Britain today? Was Jesus the Messiah? 			
						Physical Education Netball Dance: Communication			
		The Strange Case of Origami Yoda by Tom Angleberger Instruction, persuasion, recount 		Beowulf by Michael Morpurgo Epitaph, glossary, letter of advice, dialogue, recount, character and setting description, summarising captions, obituary 		Computing: Quizzing 			
Maths Y5 Place value within 1,000,000 Roman numerals Numbers to 10,000, 100,000, 1,000,000 Read and write 5- and 6-digit numbers Powers of 10 10/100/1,000/ 10,000/100,000 more or less Partition numbers to 1,000,000 Number line to 1,000,000 Compare and order numbers to 100,000 Compare and order numbers to 1,000,000 Round numbers to the nearest 100,000 Round numbers to the nearest 10,000 Round numbers to the nearest 10, 100 and 1,000 Addition and subtraction: Mental strategies Add whole numbers with more than 4 digits Subtract whole numbers with more than 4 digits Round to check answers Inverse operations (addition and subtraction) Multi-step addition and subtraction problems Solve missing number problems Solve comparison problems Multiplication and division: Multiples and Factors Prime numbers Common factors Square numbers Cube numbers Multiply by 10, 100 and 1,000 Divide by 10, 100 and 1,000 Multiples of 10, 100 and 1,000 Fractions: Equivalent fractions Improper fractions to mixed numbers Mixed numbers to improper fractions Number sequences Compare and order fractions less than 1 Compare and order fractions greater than 1 Add fractions within 1 Add and subtract fractions Add 3 or more fractions Add fractions Add mixed numbers Subtract fractions Subtract mixed numbers Subtract – breaking the whole Subtract – 2 mixed numbers		Maths Y6 Number and place value: Numbers to 1,000,000 and 10,000,000 Partition numbers to 10,000,000 Powers of 10 Number line to 10,000,000 Compare and order any number Round any number Negative numbers Addition, subtraction, multiplication and division: Add integers Subtract integers Problem solving – addition and subtraction Common factors Common multiples Rules of divisibility Primes to 100 Square and cube numbers Multiply by a 1-digit number Multiply up to a 4-digit number by a 2-digit number Short division Division using factors Divide a 3-digit number by 2-digit (long division) Divide a 4-digit number by 2-digit (long division) Long division with remainders Order of operations Brackets Mental calculations Reason from known facts Fractions: Simplify fractions Fractions on a number line Compare and order Add and subtract fractions Mixed addition and subtraction Multiply fractions by integers Multiply fractions by fractions Divide fractions by integers Four rules with fractions Fraction of an amount Fraction of an amount – find the whole Measure – Imperial and metric measures: Metric measures Convert metric measures Calculate with metric measures Miles and kilometres Imperial measures		Year 5/6 Autumn Term 1&2 Miss Wakley					
		History Who should go on the £10 banknote? Who features on banknotes and why? Was Alfred the Great or Elizabeth I the more significant monarch? How were Ellen Wilkinson and Betty Boothroyd historically significant? Why is Mary Seacole historically significant? Why are Lily Parr and Betty Snowball historically significant? Who will be the face of the new £10 note?		Design & Technology Textiles: Bags		ART Painting and mixed media: Artist study Researching an artist of personal interest, including their life, techniques and artistic intentions. 		Geography Why does population change? How is the global population changing? What are birth and death rates? Why do people migrate? How is climate change impacting the population? How is population impacting our environment?	
						Music Hey, Mr Miller Compose a syncopated melody using the notes of the C major scale. Sing a syncopated melody accurately. Sing and play their own arrangement of the song together in time. Listen to historical recordings of big band swing and describe features of the music using music vocabulary.			

