Curriculum Long Term Plan – Year 3 / 4

Cycle A 2024 - 2025	Autumn Term 1	Autumn Term 2	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
Values	Sincerity	Knowledge	Respect	Transparency	Productivity	Excellency
Theme	Through the Ages		Rocks, Relics, and Rumbles		Emperors and Empires	
Trip	The British Museum		Natural History Museum		Windsor Castle	
Visitor(s)	Portals to the past workshop		Geologist workshop		Roman Tours Workshop	
Qur'aan	**Juz Tabarak** Al Mursalat	**Juz Tabarak** Al Insan	**Juz Tabarak** Al Qiyama	**Juz Tabarak** Al Muddathir	**Juz Tabarak** Al Muzzammil	**Juz Tabarak** Al Jinn
Arabic	**Language Nut** Family & Relationship	**Language Nut** Future Plans	**Language Nut** Time and Daily routines	**Language Nut** Time and daily routines	**Language Nut** Leisure	**Language Nut** Leisure
Halaqah	**Aqeedah** Articles of faith Angels Books The Quran **Adaab and Akhlaaq** Greeting Speaking	**Fiqh** Keeping Clean Fara'id of Wudu Sunan of Wudu Tayammum Salah	**Tarikh** Prophet Hud Prophet Salih **Adaab and Akhlaaq** Entering a house and seeking permission	**Seerah** In the cave of Hira The first revelation The first believers The Invitation The sermon on mount Safa Trouble and pain on the early Muslims.	**Hadeeth** Truth Salam -Using the right hand -Drinking whilst sitting -Kindness to neighbours	**Adaab and Akhlaaq** -Sneezing -Yawning **Aqeedah** Al-Hafiz As-Sam' Al-Basir Al-Ahad
RE	Ganesh Chaturthi Hinduism	Guru Nanak Gurpurab Sikhism	Lent Christianity	Ramadan and Eid al Fitr	Shavuot Judaism	Hajj Islam
PSHE Citizenship and RSE	**Families and relationships** Setting ground rules and signposting Friendship issues and bullying The effects of bullying and the responsibility of the bystander Stereotyping - Gender Learning who to trust Change and loss - bereavement	**Health and well being** My healthy diary Diet and dental health Relaxation - stretches Wonderful me Celebrating mistakes My happiness	**Safety and the changing body** Be kind online Cyberbullying Privacy and secrecy First Aid: Bites and stings First Aid: Emergencies and calling for help Road safety	**Citizenship** Recycling / reusing Local community buildings and groups Local council and democracy Rules Rights of the child Human rights	**Citizenship** Spending choices Budgeting Money and emotions Jobs and careers Gender and careers	**Transition** Coping strategies Revisit and review
English: Key Texts	**Fiction: On a theme - Feeling at home** Essential Texts: The Blue House by Phoebe Wahl I'll Take You to Mrs Cole by Nigel Gray and Michael Foreman Dear Mum by Brian Patten Crazy, Mayonnaisy Mum by Julia Donaldson **Non - Fiction: Instructions and Explanations** Essential Texts: Horrible History books **Poetry: Michael Rosen** *You Wait Till I'm Older Than You!* By Michael Rosen *Quick, Let's Get Out of Here* By Michael Rosen	**Fiction: Traditional tales** Essential Texts: The Wolf's Secret by Myriam Dahman and Nicolas Dagard Amulet by Ted Hughes **Non - Fiction: Reports** Essential Text *Last* by Nicola Davies **Poetry**: TBC	**Fiction: Fairy tales** Essential Texts: The Three Pigs by David Wiesner The True Story of the Three Little Pigs by Jon Scieszka The Wolf's Story by Toby Forward The Three Little Wolves and The Big Bad Pig by Eugene Trivizas and Helen Oxenbury Mixed Up Fairy Tales by Hilary Robinson and Nick Sharratt **Non - Fiction: Biographies** *Wild Lives: 50 Extraordinary Animals that Made History* by Ben Lerwill **Poetry:** Essential Text *Shaping the World* chosen by Liz Brownlee	**Fiction: On a theme - Daily life** Essential Texts:: The No. 1 Car Spotter by Atinuke Anna Hibiscus by Atinkue **Non - Fiction: Information texts** Essential Text: Rhythm of the Rain by Grahame Baker Smith The Dam by David Almond, illustrated by Levi Pinfold **Poetry:** TBC	**Fiction: Fantasy - Amazing adventures** Essential Texts: The Barnabus Project by The Fan Brothers The Antlered Ship by Dashka Slater and The Fan Brothers **Non - Fiction: Explanations** Essential Text: *Until I met Dudley: How Everyday Things Really Work* by Roger McGough **Poetry: Poems by the same poet - Valerie Bloom** Essential Text: Stars with Flaming Tails by Valerie Bloom	**Fiction: Classic Fiction** Essential Text: Harry's Mad by Dick King Smith **Non - Fiction: Information texts** Essential Texts: Various Our World in Pictures: Cars, Trains, Ships and Planes: A Visual Encyclopaedia to Every Vehicle by DK **Poetry:** TBC

SGaP	**Fiction:** Prepositions Punctuating direct speech **Non Fiction:** Paragraphs and Headings: Fitness Fun Possessive apostrophes, singular and plural, & commas in lists **Poetry:** Writing and Punctuating Speech Conjunctions indicating time and cause	**Fiction:** Verbs and the Present Perfect Tens Identifying and using adverbials, including fronted adverbials **Non Fiction:** Extended noun phrases Paragraphs **Poetry:** TBC	**Fiction:** Punctuating direct speech Verbs and the Present Perfect Form **Non Fiction:** Paragraphs and Headings Adverbials and Fronted Adverbials **Poetry:** Fronted Adverbials Investigating Words	**Fiction:** Punctuating direct speech; roleplay Verbs and the Present Perfect Form **Non Fiction:** Using conjunctions and prepositions to express time, cause and place Using pronouns to aid cohesion and avoid repetition **Poetry:** TBC	**Fiction:** Identifying and using adverbials, including fronted adverbials Verbs and the Present Perfect Tense **Non Fiction:** Extend sentences using a wider range of conjunctions: funny machines Nouns, pronouns and precise language: digital technology **Poetry:** Prepositions for time, place and cause Expanded noun phrases	**Fiction:** Dialogue Punctuation Fronted Adverbials: Retelling, predicting and describing **Non Fiction:** Adverbials and Fronted Adverbials Paragraphs and Headings **Poetry:** TBC
English: Composition	**Fiction:** Discussing, planning and writing stories based on those read **Non Fiction:** Writing guides for happy minds **Poetry:** Write and perform poems inspired by Michael Rosen	**Fiction:** Writing stories inspired by The Wolf's Secret **Non Fiction:** Researching endangered animals and taking action **Poetry:** **TBC**	**Fiction:** Writing mixed-up Fairy Tales **Non Fiction:** Write an illustrated animal biography spread **Poetry:** Writing Biography and Shape Poems	**Fiction:** Writing a 'daily-life' story **Non Fiction:** Writing an information page about Kielder Water **Poetry:** **TBC**	**Fiction:** Writing sequels to The Barnabus Project or The Antlered Ship **Non Fiction:** Invent and write explanations for a new technology **Poetry:** Special people and places: gift poems and dreamscapes	**Fiction:** Write a funny animal story inspired by Harry's Mad **Non Fiction:** Design and write a brochure for a transport of the future. **Poetry:** TBC
Maths	**Place Value** Represent and partition numbers to 10,000 Number lines to 10,000 Estimate on a number line Round to the nearest 10, 100, 1,000 Roman Numerals **Addition and Subtraction** Add and subtracts 1s, 10s, 100s and 1,000s Add 1s, 10s, 100s, 1,000s across a boundary Subtract 1s, 10s, 100s, 1,000s across a boundary Make connections Add up to two 4-digit numbers – no exchange Add up to two 4-digit numbers (across a 10, a 100 and a 1,000) Add numbers with a different number of digits Subtract up to two 4-digit numbers – no exchange Subtract up to two 4-digit numbers (across a 10, a 100)	**Addition and Subtractions Continued** Subtract up to two 4-digit numbers (across a 1,000) Subtract numbers with a different number of digits Complements to 100 and 1,000 Estimate answers Inverse operations Efficient methods **Multiplication and Division A** Arrays Sharing and grouping The 2-, 3-, 4-, 5-, 6-, 7-, 8-, 9-, 10-, 11- and 12-times tables Multiply by 1 and 0 Divide a number by 1 and itself **Area** What is area? Count squares Make shapes Compare areas	**Multiplication and Division B** Factor pairs Multiply and divide by 10 and 100 Reasoning about multiplication Multiply three numbers Efficient multiplication Scaling Correspondence problems Multiply up to a 3-digit number by a 1-digit number – no exchange Multiply up to a 3-digit number by a 1-digit number – with exchange Related calculations – multiplication and division Divide by a 1-digit number – flexible partitioning Divide up to a 3-digit number by a 1-digit number – no exchange Divide up to a 3-digit number by a 1-digit number – with exchange Divide up to a 3-digit number by a 1-digit number – with remainders **Length and perimeter** Measure in centimetres and millimetres Measure in kilometres and metres Kilometres, metres, centimetres and millimetres Equivalent lengths Add and subtract lengths What is perimeter? Calculate perimeter Perimeter of rectilinear shapes Calculate perimeter of rectilinear shapes Perimeter of polygons **Fractions A** Understand denominators Compare & order unit fractions Understand numerators Understand the whole Fractions on a number line Compare & order non-unit fractions	**Fractions A continued** Equivalent fractions Count beyond 1 Partition a mixed number Compare & order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers Equivalent fraction families **Mass and Capacity** Measure mass in grams and kilograms Equivalent masses Compare mass Add and subtract mass Measure capacity and volume in millilitres Measure capacity and volume in millilitres and litres Equivalent capacities and volumes Compare capacity and volume Add and subtract capacity and volume **Fractions B** Add fractions Add fractions and mixed numbers Subtract fractions Subtract from whole amounts Subtract from mixed numbers Unit fractions of an amount Non-unit fractions of an amount Reasoning with fractions of an amount	**Time** Tell the time to 5 minutes Tell the time to the minute Read time of a digital clock Use a.m. and p.m. Convert between analogue and digital times Convert between 12- and 24-hour clock times Hours, minutes and seconds Find and use durations Years, months, weeks and days **Decimals** Tenths as fractions and decimals Tenths on a place value chart Tenths on a number line Hundredths as fractions and decimals Hundredths on a place value chart Halves and quarters as decimals Make a whole Partition decimals Compare and order decimals Round to the nearest whole number Divide a number by 10 and 100 **Money** Pound and pence Write money using decimals Convert pounds and pence Compare amounts of money Estimate with money Add money Subtract money	**Money continued** Find change Solve problems with money **Shape** Turns and angles Identify angles Compare and order angles Types of lines Triangles Quadrilaterals Polygons Draw polygons Symmetry 3-D shapes **Geometry – Position and Directions** Describe position using coordinates Plot coordinates Draw 2-D shapes on a grid Translate on a grid Describe translation on a grid **Statistics** Pictograms Interpret bar charts Draw bar charts Interpret line graphs Draw line graphs Comparison, sum and difference Two-way tables Collect and represent data
Science	**Animals including humans** *Fit for success*	**Living things and their habitats** *A world of living things*	**Rocks** *This planet rocks*	**Forces and Magnets** *Magnetic fun and games*	**Plants** *Feast of flowers, fruits, and seeds*	**Light** *Shining the light*
Computing	**Computer science** Coding Programs – 2Code	**Digital literacy** Unit 3.2 Online safety Programs – Various **IT** Unit 3.3 Spreadsheets Programs – 2Calculate	**IT** Unit 3.4 Touch Typing Programs – 2Type	**Digital literacy** Unit 3.5 Email (including email safety) Programs – 2Email, 2Connect, 2DIY	**IT** Unit 3.6 Branching Databases Programs – 2Question	**IT** Unit 3.7 Simulations Programs – 2Simulate, 2Publish **IT** Unit 3.8 Graphing Programs – 2Graph

PE	Indoor: Gymnastics - Movement Outdoor: Invasion games	Indoor: Gymnastics – Shape Outdoor: Invasion games: Football	Indoor: Dance- Rainforest Outdoor: Striking and Field - Fundamentals	Indoor: Dance – Extreme Earth Outdoor: Net and Wall - Fundamentals	Indoor: Circuit training Outdoor: Athletics/Sports day	Indoor: Dodgeball Outdoor: Outdoor Adventures/Sports day
History		**Through the Ages** Prehistoric Britain Stone Age; Bronze Age Iron Age Beyond the Iron Age			**Emperors and Empires** Everyday life in ancient Rome Founding of ancient Rome Ruling Rome Growth and expansion of the Roman Empire Emperors of Empire Hierarchy in ancient Rome Roman army	**Emperors and Empires** First invasions of Britain Roman conquest Boudicca's rebellion Struggle with Scotland Hadrian's Wall Life in Roman fort Life in Roman Britain
Geography	**One Planet, Our World** Geographical skills: Reading maps Analysing data Climate zones Locating European countries and cities The United Kingdom: Human and physical features Weather and the local environment		**Rocks, Relics and Rumbles** Plate Tectonics Ring of fire Features of volcanoes Latitude and longitude Volcanologist's report	**Rocks, Relics and Rumbles** Earthquakes The spread of tsunami Uses of rock Model volcanoes		
Design & Technology		**Cook Well, Eatwell** Healthy balanced diets Using cooking appliances Savoury dishes: Ratatouille Preparation techniques		**Making It Move** Machines and mechanisms Mechanical systems Cams Tools and equipment		**Greenhouse** Significant designers Greenhouse design Strengthening structures Investigating sheet materials
Art & Design	**Prehistoric Pots** Bell beaker pottery Exploring clay Styles and patterns Making bell beaker – style pots		**Ammonite** Exploring ammonites Draw it Print it Sculpt it Photograph it		**Beautiful Botanicals** Botanical Weavers Botanical artist Comparing work on a theme In the style Printmaking Botanical exhibition	

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Values	Sincerity	Knowledge	Respect	Transparency	Productivity	Excellency
Theme	Invasion		Misty Mountain, Winding River		Ancient Civilisations	
Trip	Windsor Castle		London Wetland Centre		Science Museum	
Visitor(s)	Anglo Saxons and Vikings Workshop		Water Aid		Islamic Art Workshop	
Qur'aan	**Juz Tabarak** Al Nuh	**Juz Tabarak** Al Maarij	**Juz Tabarak** Al Hagga	**Juz Tabarak** Al Qalam	**Juz Tabarak** Al Mulk	**Juz Qadsami'aAllaah** At Tahrim
Arabic	**Language Nut** My life	**Language Nut** Where I live	**Language Nut** Weather and the environment	**Language Nut** Weather and the environment	**Language Nut** The world of work	**Language Nut** Festivals and Parties
Halaqah	**Aqeedah** Prophets and Messengers mentioned in the Quran Difference between a Prophet and a Messenger Attributes of Prophets and Messengers **Adaab and Akhlaaq** Studying	**Fiqh** Najasah Ghusl Salah **Hadeeth** Shukr Modesty Mercy	**Tarikh** Prophet Ibrahim **Seerah** Migration to Abyssinia Two great warriors accept Islam a different way The boycott The year of sadness The journey to Ta'if	**Seerah** Inviting the Arab tribes Al-Isra and Al-Miraj The actual event The events on the night of Mi'raj From the second heaven to the seventh heaven The gift of Salah	**Hadeeth** Love for Others Steadfastness Life This World Dua Guests	**Adaab and Akhlaaq** -Travelling -Qur'aan -Walking -Masjid
RE	Janmashtami Hinduism	Kathina Buddhism	Vaisakhi Sikhism	Eid ul-Adha Islam	Shabbat Judaism	Hajj Islam
PSHE Citizenship and RSE	**Families and relationships** Setting ground rules and signposting Friendship issues and bullying Healthy families Stereotyping - Age/disability How my behaviour affects others Effective communication to support relationships Respect and manners	**Health and well being** My healthy diary Looking after our teeth Relaxation – visualisation Meaning and purpose - my role Resilience: breaking down problems Emotions Mental health	**Safety and the changing body** Fake emails Internet safety: age restrictions Consuming information online Tobacco First Aid: asthma Alcohol and tobacco	**Citizenship** Recycling? reusing Local community buildings and groups Local council and democracy Diverse communities Rights of the child Charity	**Economic well being** Spending choices Budgeting Money and emotions Jobs and careers Jobs for me	**Transition** Coping strategies Revisit and review
English: Key Texts	**Fiction: Stories on a theme** Essential Texts: *The Heart and the Bottle* by Oliver Jeffers *The Red Tree* by Shaun Tan *Alexander and the Terrible, Horrible, No Good, Very Bad Day* by Judith Viorst and Ray Cruz *Grandad's Island* by Benji Davies **Non - Fiction: Information texts** Essential Text: *Wild Child* by Dara McAnulty, Illustrated by Barry Falls **Poetry:** *Poetry for a Change: A National Poetry Day Anthology*	**Fiction: Humorous Stories** Essential Text: *Grimwood* by Nadia Shireen **Non - Fiction: Letters** Essential Texts: *Oi, Get Off Our Train* by John Burningham, Red Fox *Lesser Spotted Animals* by Martin Brown **Poetry:** TBC	**Fiction: Classic fiction** Essential Text: *Stig of the Dump* by Clive King **Non - Fiction: Information texts** Essential Texts: *My Encyclopedia of Very Important Sport* by DK Selection of other non-fiction texts about sports **Poetry:** Poems by Alex Wharton *Daydreams and Jellybeans: Poems to read aloud* by Alex Wharton *Please Mrs Butler* by Alan Ahlberg	**Fiction: Stories by the same author** Essential Texts: *Changes, Gorilla, Into the Forest, The Tunnel, What If …?* all written by Anthony Browne *The Night Shimmy* by Gwen Strauss and Anthony Browne *Voices in the Park* by Anthony Browne **Non - Fiction: Reports and Recounts** Essential Texts: *Real-life Mysteries: Can you explain the unexplained?* by Susan Martineau & Vicky Barker **Poetry:** TBC	**Fiction: Stories by the same author Satoshi Kitamura** Essential Texts: *Once Upon an Ordinary School Day* Colin McNaughton and Satoshi Kitamura *Lily Takes a Walk* by Satoshi Kitamura *Sheep in Wolves Clothing* by Satoshi Kitamura *UFO Diary* by Satoshi Kitamura *The Smile Shop* by Satoshi Kitamura *In the Attic* by Hiawyn Oram and Satoshi Kitamura *Me and My Cat?* by Satoshi Kitamura **Non - Fiction: Letters and postcards** Essential Texts: *Dragon Post* by Emma Yarlett *I'm Sorry* by Ruth Merttens **Poetry: Humorous Poems** Essential Texts: *I Bet I Can Make You Laugh* Poems by Joshua Seigal and Friends	**Fiction: Short stories** Essential Text: *Look Both Ways* by Jason Reynolds **Non - Fiction: Instructions and Explanations** Essential Text: *Questions and answers: How does it work?* by Katie Daynes **Poetry: TBC**

SPaG	**Fiction:** Verbs and tenses – the simple, progressive and perfect forms of the present and past tenses Adverbials and fronted adverbials in descriptive writing **Non fiction:** Use a wider range of conjunctions: Helping wildlife Expanded noun phrases: Describing living things for impact **Poetry:** Prepositions for time, place & cause Expanded noun phrases	**Fiction:** Writing correctly laid-out and punctuated direct speech Adding description using conjunctions **Non fiction:** Dialogue punctuation Paragraphs and sequencing words **Poetry:** TBC	**Fiction:** Prepositions for time, place & cause: describing and retelling Dialogue, writing and punctuating: arguments amongst thieves **Non fiction:** Introduction to paragraphs, headings and subheadings Apostrophes to mark possession **Poetry:** Punctuating dialogue Recognising and using adverbials	**Fiction:** Adding description using conjunctions Using pronouns to avoid repetition **Non fiction:** Adverbs for Time, Place and Cause Paragraphs and Headings **Poetry:** TBC	**Fiction:** Punctuating and setting out written dialogue Verbs – recognising and using the present perfect form **Non fiction:** Choosing to use pronouns or nouns within and across sentences to aid cohesion and avoid repetition Use of the indefinite article a or an **Poetry:** Prepositions (for time, place & cause) and prepositional phrases Expanded noun phrases	**Fiction:** Writing and Punctuating Dialogue Identifying and using adverbials, including fronted adverbials **Non fiction:** Conjunctions to order and explain Adverbs to order and specify: Instructions for robots and relatives **Poetry:** TBC
English: Composition	**Fiction:** Descriptive writing about feelings and emotions **Non fiction:** Reporting on a local environment and how to care for it **Poetry:** Write poetry and prose about a change	**Fiction:** writing a story linked to Grimwood **Non fiction:** Writing letters - Animal conversations **Poetry:** TBC	**Fiction:** Write a new chapter, continuing the story **Non fiction:** Research and write a webpage **Poetry:** Writing poetry and short stories inspired by poetry	**Fiction:** Discuss, plan and write a story based on one read **Non fiction:** Write a hoax report about mysterious encounter **Poetry:** TBC	**Fiction:** Writing imaginatively in response to a story shared in class **Non fiction:** Writing formal and informal letters **Poetry:** Write poetry and short stories inspired by poetry	**Fiction:** Discuss, plan and write a short story **Non fiction:** Write an information leaflet on a specialist subject. **Poetry:** TBC
Maths	**Place Value** Represent and partition numbers to 10,000 Number lines to 10,000 Estimate on a number line Round to the nearest 10, 100, 1,000 Roman Numerals **Addition and Subtraction** Add and subtracts 1s, 10s, 100s and 1,000s Add 1s, 10s, 100s, 1,000s across a boundary Subtract 1s, 10s, 100s, 1,000s across a boundary Make connections Add up to two 4-digit numbers – no exchange Add up to two 4-digit numbers (across a 10, a 100 and a 1,000) Add numbers with a different number of digits Subtract up to two 4-digit numbers – no exchange Subtract up to two 4-digit numbers (across a 10, a 100)	**Addition and Subtractions Continued** Subtract up to two 4-digit numbers (across a 1,000) Subtract numbers with a different number of digits Complements to 100 and 1,000 Estimate answers Inverse operations Efficient methods **Multiplication and Division A** Arrays Sharing and grouping The 2-, 3-, 4-, 5-, 6-, 7-, 8-, 9-, 10-, 11- and 12-times tables Multiply by 1 and 0 Divide a number by 1 and itself **Area** What is area? Count squares Make shapes Compare areas	**Multiplication and Division B** Factor pairs Multiply and divide by 10 and 100 Reasoning about multiplication Multiply three numbers Efficient multiplication Scaling Correspondence problems Multiply up to a 3-digit number by a 1-digit number – no exchange Multiply up to a 3-digit number by a 1-digit number – with exchange Related calculations – multiplication and division Divide by a 1-digit number – flexible partitioning Divide up to a 3-digit number by a 1-digit number – no exchange Divide up to a 3-digit number by a 1-digit number – with exchange Divide up to a 3-digit number by a 1-digit number – with remainders **Length and perimeter** Measure in centimetres and millimetres Measure in kilometres and metres Kilometres, metres, centimetres and millimetres Equivalent lengths Add and subtract lengths What is perimeter? Calculate perimeter Perimeter of rectilinear shapes Calculate perimeter of rectilinear shapes Perimeter of polygons **Fractions A** Understand denominators Compare & order unit fractions Understand numerators Understand the whole Fractions on a number line Compare & order non-unit fractions	**Fractions A continued** Equivalent fractions Count beyond 1 Partition a mixed number Compare & order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers Equivalent fraction families **Mass and Capacity** Measure mass in grams and kilograms Equivalent masses Compare mass Add and subtract mass Measure capacity and volume in millilitres Measure capacity and volume in millilitres and litres Equivalent capacities and volumes Compare capacity and volume Add and subtract capacity and volume **Fractions B** Add fractions Add fractions and mixed numbers Subtract fractions Subtract from whole amounts Subtract from mixed numbers Unit fractions of an amount Non-unit fractions of an amount Reasoning with fractions of an amount	**Time** Tell the time to 5 minutes Tell the time to the minute Read time of a digital clock Use a.m. and p.m. Convert between analogue and digital times Convert between 12- and 24-hour clock times Hours, minutes and seconds Find and use durations Years, months, weeks and days **Decimals** Tenths as fractions and decimals Tenths on a place value chart Tenths on a number line Hundredths as fractions and decimals Hundredths on a place value chart Halves and quarters as decimals Make a whole Partition decimals Compare and order decimals Round to the nearest whole number Divide a number by 10 and 100 **Money** Pound and pence Write money using decimals Convert pounds and pence Compare amounts of money Estimate with money Add money Subtract money	**Money continued** Find change Solve problems with money **Shape** Turns and angles Identify angles Compare and order angles Types of lines Triangles Quadrilaterals Polygons Draw polygons Symmetry 3-D shapes **Geometry – Position and Directions** Describe position using coordinates Plot coordinates Draw 2-D shapes on a grid Translate on a grid Describe translation on a grid **Statistics** Pictograms Interpret bar charts Draw bar charts Interpret line graphs Draw line graphs Comparison, sum and difference Two-way tables Collect and represent data

Science	**Living things and their habitats** *Habitat helpers*	**Sound** *Sound spectacular*	**States of matter** *What's the matter?*	**Animals, including humans** *The circle of life*	**Plants** *Greatly green growers*	**Electricity** *Electric personalities*
Computing	**Computer Science** Coding Programs – 2Code	**Digital literacy** Unit 4.2 Online safety Programs – Various **IT** Unit 4.3 Spreadsheets Programs – 2Calculate	**IT** Unit 4.3 Spreadsheets Programs – 2Calculate **IT** Unit 4.4 Writing for different audiences Programs – 2Email, 2Connect, 2DIY	**IT** Unit 4.4 Writing for different audiences Programs – 2Email, 2Connect, 2DIY **Computer science** Unit 4.5 Logo Programs – Logo	**Computer science** Unit 4.5 Logo Programs – Logo **IT** Unit 4.6 Animation Programs – 2Animate	**IT** Unit 4.7 Effective Search Programs – Browser **Computer science** Unit 4.8 Hardware Investigators
PE	Indoor; Circuit Training Outdoor: Invasion games	Indoor; Badminton Outdoor: Tag Rugby	Indoor; Dance - Water Outdoor: Hockey	Indoor; Dance – Carnival of the animals Outdoor: Cricket	Indoor: Gymnastics – Movement Outdoor: Athletics	Indoor: Gymnastics – Shape and Balance – Ancient Egypt Outdoor: Outdoor Adventures/Sports day
History		**Invasion** Invasion timeline Significant events of early Middle Ages Anglo – Saxon invasion Anglo – Saxon kingdoms Sutton Hoo Anglo – Saxon monasteries Anglo – Saxon legacy Comparing everyday lives of Anglo – Saxons and Vikings Viking raids at Lindisfarne Surrender or fight back? Norman invasion			**Ancient civilisation** What is a civilisation? Development of ancient Sumer Food and farming Sumerian city states Hierarchy of ancient Sumer The world's first emperor	**Ancient civilisation** City life in ancient Egypt Hierarchy of ancient Egypt Role of the pharaoh Compare and contrast two civilisations Decline and decay Legacy
Geography	**Interconnected World** Geographical skills: Grid references The world: Tropics of Cancer and Capricorn North and South America The United Kingdom: Renewable energy National Rail network Canals		**Misty Mountain, Winding River** Rivers Case study – River Trent Mountains Topography and contour lines	**Misty Mountain, Winding River** The science of rivers and mountains Habitats Case study – Somerset Levels flooding Soil		
Design & Technology		**Fresh Food, Good Food** Fresh food Food packaging Diagrams and prototypes Fresh, healthy snacks		**Functional and Fancy Fabrics** Exploring fabrics Design features of familiar products Significant designer: William Morris Sewing hems		**Tomb Builders** Mechanical systems Simple machines Construction materials Simple machines
Art & Design	**Contrast and Complement** Watercolours Colour theory Colour in art Colour collectors Colour Compositions		**Vista** What a view! Mountainous landscapes Atmospheric perspective Warmth and coolness My landscape		**Islamic Art** Exploring Islamic art Exploring geometric motifs Creating pattern from a motif Stars in Islamic art Clay relief sculpture Creating geometric tiles	