



Curriculum Long Term Plan – Year 5 / 6

| Cycle A 2024 - 2025 | Autumn Term 1 | Autumn Term 2 | Spring Term 1 | Spring Term 2 | Summer Term 1 | Summer Term 2 |
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| Values | Sincerity | Knowledge | Respect | Transparency | Productivity | Excellency |
| Theme | Dynamic Dynasties | | Sow, Grow and Farm | | Ground-breaking Greeks | |
| Trip | Victoria & Albert Museum | | Hobbledown Heath | | The British Museum | |
| Visitor(s) | Chinese Calligraphy and Food Workshop | | Farm to Fork workshop | | Portals of the past workshop: Ancient Greeks | |
| Qur'aan | Juz Qadsami'aAllaah At Talaq | Juz Qadsami'aAllaah At Taghabun | Juz Qadsami'aAllaah Al Munafiqun | Juz Qadsami'aAllaah Al Juma | Juz Qadsami'aAllaah As Saff | Juz Qadsami'aAllaah Al Mumtahnia |
| Arabic | Language Nut Basics | Language Nut Basics | Language Nut Shopping and eating out | Language Nut Shopping and eating out | Language Nut Holidays and Travel | Language Nut Holidays and Travel |
| Halaqah | Aqeedah Where is Allaah? Tawheed of Lordship The Provider The Sustainer Taqwa | Fiqh Masah 'alal Khuffayn Conditions for the Khuff Different types of Khuff Important points to remember about masah Nawaqid of masah Masah on wounds | Tarikh Prophet Yusuf Fiqh Wajib acts of salah Sajdah as-sahw | Seerah The plot Hijrah Arrival in Madinah The masjid of Madinah Fiqh Sawm Breaking of the fast Fidya Tarawih | Hadeeth No to racism Good character Thanking others Friends Kindness Fiqh Hajj | Akhlaq and Adaab Dua Dressing Guests/ Hosts Gathering Istinja |
| RE | Dharma Day Buddhism | Holi Hinduism | Passover Judaism | Ramadan and Eid al-Fitr Islam | Hajj Islam | Guru Arjan Gurburab Sikhism |
| PSHE Citizenship and RSE | Families and relationships Setting rules and signposting What makes a good friend Respecting myself Marriage Bullying Challenging stereotypes | Health and well being The importance of rest Embracing failure Going for goals Taking responsibility for my feelings Healthy meals Sun safety | Safety and the changing body Online friendships Staying safe online First Aid: Choking Alcohol Drugs, alcohol and tobacco: Influences | Citizenship Breaking the law Prejudice and discrimination Protecting the planet Contributing to the community Rights and responsibilities Parliament and national democracy | Economic well being Borrowing Income and expenditure Prioritising spending Risks with money Careers* | Identity What is identity? Gender identity? Identity and body image Transition Roles and responsibilities* Year 5: Puberty Year 6: Physical and emotional changes of puberty Year 5: Menstruation Year 6: Conception Year 5: Emotional changes in puberty Year 6: Pregnancy and birth |
| English: Key Texts | Fiction: Stories on a theme - Difference Essential texts: The Proudest Blue by Ibthihaj Mhammad Perfect by Nicola Davies The Boy at the Back of the Class by Onjali Rauf Non fiction: Biography Essential texts: The Undeclared by Kwame Alexander and Kadir Nelson Coming to England by Floella Benjamin Poetry: Hope Poems Essential Text: <i>The Book of Hopes: Words and Pictures to Comfort, Inspire and Entertain</i> Edited by Katherine Rundell | Fiction: Adventure stories Essential text: The Girl Who Stole an Elephant by Nizrana Farook Non fiction: Recounts Essential texts: Shackleton's Journey by William Grill Serum Race: Blazing the Iditarod Trail by Debbie S Miller Poetry: TBC | Fiction: Fantasy Essential texts: Howl's Moving Castle by Diana Wynne Jones. Harper Collins Non fiction: Persuasive writing Optional texts: Made You Look: How Advertising Works and Why You Should Know by Shari Graydon Poetry: Portrait Poems Essential Text: <i>A Kid in My Class</i> by Rachel Rooney, illustrated by Chris Riddell | Fiction: African Stories Essential texts: Chasing the Sun: Stories from Africa, edited by Véronique Tadjo Non fiction: Reports Essential text: Fourteen Wolves by Catherine Barr and Jenni Desmond Poetry: TBC | Fiction: Graphic Novels Essential text: When Stars Are Scattered by Victoria Jamieson and Omar Mohamed Non fiction: Information texts Essential text: Tony Robinson's Kings and Queens by Tony Robinson Poetry: Migration Essential texts: On the Move by Michael Rosen, illustrated by Quentin Blake The Missing by Michael Rosen | Fiction: Adventure stories Essential text: The Explorer by Katherine Rundell Non fiction: Instructions and Explanations Essential text: Breaking News: How to Tell What's Real from What's Rubbish by Nick Sheridan Poetry: TBC |
| SPaG | Fiction: Expanded noun phrases to convey information concisely Formal and informal language Non Fiction: | Fiction: Writing integrated dialogue Noun Phrases to convey complicated information concisely Non Fiction: | Fiction: Relative Clauses Cohesive Devices Non Fiction: Adverbs of Possibility & Modal Verbs: TV | Fiction: Relative Clauses: Character & Setting Formal and Informal Language: Dialogue Non Fiction: Devices to build cohesion between and | Fiction: Writing integrated dialogue Adverbs of Possibility & Modal Verbs Non Fiction: Explore formal and informal language | Fiction: Relative clauses: rainforest settings Informal and formal language: realistic dialogue Non Fiction: |

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| | Devices to build cohesion between and within paragraphs Formal language including use of subjunctive Poetry: Relative clauses Commas, colons and semicolons | Adverbs of Possibility & Modal Verbs Bullets, colons and semicolons: Challenges of Polar Exploration Poetry: | adverts Poetry: Adverbs of Possibility & Modal Verbs Punctuation in Poetry | within paragraphs Active and Passive Voice Poetry: TBC | Active and Passive Voice Poetry: N/A | Modal Verbs & Adverbs: Headlines, Speculation & Codes of Conduct Bullets, colons and semi-colons for lists: Newsworthy or Not? Poetry: TBC |
| English: Composition | Fiction: Write a story, inspired by one read, changing point of view Non Fiction: Reading autobiography and writing biographies – Coming to England Poetry: Write a piece for The Book of Hopes | Fiction: Writing playscripts Non Fiction: Writing a newspaper recount Poetry: TBC | Fiction: Writing a film review and a story Non Fiction: Influencing for good – Create a Campaign Blog Poetry: Writing poetry inspired by the poems of Rachel Rooney | Fiction: Writing a short story Non Fiction: Writing reports about animal reintroductions Poetry: TBC | Fiction: Writing graphic novel pages Non Fiction: Researching and writing about a king or queen Poetry: Writing poetry inspired by On the Move | Fiction: Plan and write an exciting new chapter of The Explorer Non Fiction: Create and Present a Guide on Fake News Poetry: TBC |

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| Maths | <p>Place Value</p> <p>Roman numerals to 1,000 Numbers to 1,000,000 Read and write numbers to 1,000,000 Numbers to 10,000,000 Read and write numbers to 10,000,000 Powers of 10 Partition numbers to 10,000,000 Number line to 10,000,000 Compare and order any integers Round within 100,000 Round any integer Count through zero Compare and order negative numbers</p> <p>Addition and subtraction</p> <p>Mental strategies Add and subtract integers Inverse operations and missing numbers Reason from known facts</p> <p>Multiplication and division A</p> <p>Multiples Common multiples Factors Common Factors Rules of divisibility Prime numbers Square and cube numbers Multiply and divide by 10, 100 and 1,000</p> | <p>Fractions A</p> <p>Recognise equivalent fractions Equivalent fractions and simplifying Equivalent fractions on a number line Convert improper fractions to mixed numbers Convert mixed numbers to improper fractions Compare fractions (denominator) Compare fractions (numerator) Order fractions Add and subtract fractions with the same denominator Add fractions where one denominator is a multiple of the other Add any two fractions Add mixed numbers Subtract fractions where one denominator is a multiple of the other Subtract any two fractions Subtract from a mixed number Subtract from a mixed number – breaking the whole Subtract two mixed numbers Multi-step problems</p> <p>Multiplication and Division B</p> <p>Multiply a 2-digit number by a 2-digit number Multiply up to a 4-digit number by a 2-digit number Solve problems with multiplication Short division Divide a 4-digit number by a 1-digit number Division using factors Long division with remainders Solve problems with division</p> | <p>Multiplication and division B continued</p> <p>Efficient division Solve multi-step problems Order of operations Mental calculations and estimation Reason from known facts</p> <p>Fractions B</p> <p>Multiply a unit fraction by an integer Multiply a non-unit fraction by an integer Multiply a mixed number by an integer Multiply fractions by fractions Divide a fraction by an integer Divide any fraction by an integer Fraction of an amount Fraction of an amount - find the whole</p> <p>Decimals A</p> <p>Decimals up to 2 decimal places Decimals up to 3 decimal places Place value - integers and decimals Order and compare decimals (same number of d.p.) Order and compare decimals with up to 3 decimal places Round to the nearest whole number Round to 1 decimal place Round to 2 decimal places</p> <p>Area and perimeter</p> <p>Perimeter of rectangles and rectilinear shapes Area of rectangles Area of compound shapes Estimate area Area of triangles Area of parallelograms</p> | <p>Volume</p> <p>Volume - cubic centimetres Volume of a cuboid Compare volume Estimate volume and capacity</p> <p>Decimal B</p> <p>Use known facts to add and subtract decimals within 1 Complements to 1 Add and subtract decimals across 1 Add decimals with the same number of d.p. Subtract decimals with the same number of d.p. Add decimals with different numbers of d.p. Subtract decimals with different numbers of d.p. Efficient strategies Decimal sequences Multiply and divide by 10, 100 and 1,000 Multiply and divide decimals by integers Multiply and divide decimals in contexts</p> <p>Fractions, decimals and percentages</p> <p>Equivalent fractions and decimals – tenths, hundredths and thousandths Fractions as division Understand percentages Percentages as fractions Percentages as decimals Equivalent F, D, P Order F, D, P Percentages of an amount</p> | <p>Ratio</p> <p>Add or multiply? Use ratio language Ratio and fractions Use scale factors Similar shapes Ratio problems Proportion problems</p> <p>Algebra</p> <p>Function machines Form expressions Substitution Formulae Form equations Solve equations Find pairs of values Solve problems with two unknowns</p> <p>Shape</p> <p>Understand and use degrees Classify angles (include estimate) Measure angles (include estimate) Calculate angles around a point Calculate angles on a straight line Vertically opposite angles Angles in a triangle (include missing angles) Angles in a triangle – special cases (include missing angles) Angles in quadrilaterals Regular and irregular polygons Circles 3-D shapes</p> | <p>Position and direction</p> <p>Four quadrants Solve problems with coordinates Translations Lines of symmetry Reflections</p> <p>Statistics</p> <p>Draw line graphs Read and interpret line graphs Bar charts (to include dual bar charts) Tables (to include two-way table) Timetables Read and interpret pie charts Pie charts with percentages Draw pie charts The mean</p> <p>Converting units</p> <p>Kilograms and kilometres Millimetres and millilitres Convert metric units Miles and kilometres Imperial measures Convert units of time Calculate with timetables</p> |
| Science | Forces <i>Welcome to force land</i> | Earth and Space <i>Space!</i> | Living things and their habitats <i>Illustrating life cycles</i> | Animals including humans <i>The human species</i> | Properties of materials <i>Special effects materials</i> | Properties of materials <i>Material consultants</i> |
| Computing | Computer science Coding (Purple Mash) Programs – 2Code | Digital literacy Unit 5.2 Online safety Programs - Various IT Unit 5.3 Spreadsheets Programs – 2Calculate | IT Unit 5.3 Spreadsheets Programs – 2Calculate IT Unit 5.4 Databases Programs – 2Question, 2Investigate | IT Unit 5.4 Databases Programs – 2Question, 2Investigate Computer science Unit 5.5 Game Creator Programs – 2DIY 3D | Computer science Unit 5.5 Game Creator Programs – 2DIY 3D IT Unit 5.6 3D Modelling Programs – 2Design and Make 12 | IT Unit 5.6 3D Modelling Programs – 2Design and Make IT Unit 5.7 Concept Maps Programs – 2Connect |
| PE | Indoor: Dance: Chinese and Lunar Year Outdoor: Basketball | Indoor: Circuit Training Outdoor: Invasion games: Football | Indoor: Gymnastics (Movement) Outdoor: Striking and fielding - Rounders | Indoor: Gymnastics (Space) Outdoor: Tennis | Indoor: Circuit Training Outdoor: Athletics | Indoor: Handball Outdoor: Outdoor Adventures/Sports day |

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| History | | Dynamic Dynasties Yellow Emperor and the Xia Dynasty Shang Dynasty Significance of bronze Jade and silk Power and hierarchy Everyday life in Shang Dynasty Warfare enquiry End of Shang Dynasty Legacy of ancient China | | | Groundbreaking greeks Minoan Civilisation Comparing Minoans and Mycenaean Discovering the dark age and Archaic period Comparing the dark age and archaic period Democracy in Athens Roles of men and women in Athens Social hierarchy in Athens | Groundbreaking greeks Significant Athenians The Acropolis Hippocrates – the father of medicine Master of Mathematics Ancient and modern Olympic Games Greek arts and culture Achievements of Alexander the Great Influence of the ancient Greeks in our local area |
| Geography | Investigating Our World Geographical skills: Ordnance Survey maps The world: Time and Climate zones Vegetation belts and Biomes Sustainable manufacturing processes The United Kingdom: Transport networks World cities | | Farming in the UK Mapping using grid references Case study: Potato farming in Jersey Climate zones | Farming across the world North and South America Citrus Farming Coffee growing in Peru How far has your food travelled? | | |
| Design & Technology | | Moving Mechanisms Mechanical systems Pneumatics Product design Product Evaluation | | Eat the Seasons Seasonality Nutritional Food Balanced diet Food hygiene Dicing, peeling and grating Taste test | | Architecture Architecture over time Greek architecture Significant designer or inventor Complex structures CADs |
| Art & Design | Tints, Tones, and Shades Mixing tints, shades, and tines Tints, shades, and tones in landscapes Sketching landscapes Creating landscape paintings | | Line, Light and Shadows Line up! Significant artist – Pablo Picasso Shading techniques Pen and Ink Drawing on black paper Black and white photographs Adding line and tone Creating artwork with line, light and shadow | | Expression What is expressionism? Significant artist – Edvard Munch Expressionist colour Modern expressionism Creating an expressionist – style painting | |



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|-----------------------------------|---|---|--|--|---|---|
| Values | Sincerity | Knowledge | Respect | Transparency | Productivity | Excellency |
| Theme | Maafa | | Frozen Kingdoms | | Britain at War | |
| Trip | Gunnensbury Park Museum | | Polar Exploration Museum London | | Imperial War Museum | |
| Visitor(s) | Africa workshop | | Animal Kind Workshop | | War Workshop | |
| Qur'aan | Juz Qadami'aAllaah Al Hashr | Juz Qadami'aAllaah Al Mujadila | Juz Qala Fama Khatbukum Al Hadid | Juz Qala Fama Khatbukum Al Hadid | Juz Qala Fama Khatbukum Al Waqia | Juz Qala Fama Khatbukum Ar - Rahman |
| Arabic | Language Nut School | Language Nut School | Language Nut Holidays and Travel | Language Nut Holidays and Travel | Language Nut Global & Social Issues | Language Nut Global & Social Issues |
| Halaqah | Aqeedah Actions leading to Jannah Beliefs regarding Allaah Belief regarding Muhammad Belief regarding Prophets Belief regarding the Sahaba Akhlaaq and Adab Social interaction | Fiqh Tayammum Salah Qur'aan and Hadeeth Speaking good Good character Tarikh Prophet Jesus (Esa) | Tarikh Prophet Musa Qur'aan and Hadeeth Promise Tongue Ghibah Carrying Tales | Seerah The battle of Badr The battle of Uhud Battle of Ahzab Hudaibiyah – Bay'at Umrat al-Qada Conquest of Makkah Fiqh Id Salah | Hadeeth Intoxicants Names of Allaah Mu'awwidhat Fiqh Umrah Hajj | Akhlaaq and Adab Ghusl Writing Miswak -Visiting the sick |
| RE | Parinirvana Buddhism | Sunday Christianity | Rosh Hashanah and Yom Kippur Judaism | Lailat al Miraj Islam | Kumbh Mela Hinduism | Bandi Chhor Divas Sikhism |
| PSHE Citizenship and RSE | Families and relationships Setting rules and signposting Friendship skills Respect Resolving conflict Stereotyping Challenging stereotypes | Health and well being Relaxation - mindfulness What can I be? Taking responsibility for my health The impact of technology on health Immunisation Physical health concerns Good and bad habits | Safety and the changing body Critical digital consumers Social media First Aid: Bleeding First Aid: Basic life support | Citizenship Pressure groups Valuing diversity Food choices and the environment Caring for others Rights and responsibilities Parliament and national democracy | Economic well being Attitudes to money Keeping money safe Stereotypes in the workplace Gambling Careers | Identity What is identity? Gender identity? Identity and body image Transition Roles and responsibilities Year 5: Puberty Year 6: Physical and emotional changes of puberty Year 5: Menstruation Year 6: Conception Year 5: Emotional changes in puberty Year 6: Pregnancy and birth |
| English: Key Texts | Fiction: Classic fiction Essential Text: The Iron Man by Ted Hughes Non fiction: Interviews and articles Essential Text: Black and British – An illustrated history by David Olusoga Poetry: Diverse Voices Essential Texts: <i>Wicked World!</i> by Benjamin Zephaniah <i>Spin!: 10 Exciting New Voices in Poetry</i> by Joseph Coelho | Fiction: Science fiction Essential Text: Boy in the Tower by Polly Ho-Yen Non fiction: Reports Essential Text: My Encyclopedia of Very Important Oceans Dorling Kindersley Poetry: TBC | Fiction: Adventure stories Essential Text: Holes by Louis Sacher Non fiction: Reports and Recounts Essential Text:s: Hidden Figures - The True Story of Four Black Women and the Space Race by Margot Lee Shetterly Curiosity – The Story of a Mars Rover by Markus Motom Meet Jessica Watkins: Meet the first black woman to work on the ISS (see weblinks) Poetry: Poems about green and blue planet <i>Poems from a Green and Blue Planet</i> , edited by Sabrina Mahfouz | Fiction: Humorous Stories Essential Text: The Day the Screens went Blank by Danny Wallace Non fiction: Biographies Essential Text: Rise Up: Ordinary Kids with Extraordinary Stories by Amanda Li Poetry: TBC | Fiction: Short stories Essential Text: Happy Here: 10 Stories from Black Authors & Illustrators Introduced by Sharna Jackson Non fiction: Reports Essential Text: Survivors: Extraordinary Tales from the Wild and Beyond by David Long Poetry: On a theme - I am Unique Essential Texts: Life Doesn't Frighten Me by Maya Angelou Being Me: Poems About Thoughts, Worries and Feelings by Liz Brownlee | Fiction: Modern fiction Essential Text: Framed by Frank Cottrell-Boyce Non fiction: Persuasive writing (Historic speeches) Essential Text: Talking History by Joan Haig and Joan Lennon Poetry: TBC |

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| SPaG | <p>Fiction: Cohesive devices: conjunctions and adverbials: Narrative Impact Expanded Noun Phrases: Settings & Characters</p> <p>Non - Fiction: Active and Passive Voice</p> <p>Poetry: Modal Verbs: Relationships and making our voices heard Revising punctuation: Communicating with Impact</p> | <p>Fiction: Relative clauses Formal language including use of subjunctive</p> <p>Non - Fiction: Complex punctuation (colons, semi-colons and bullet points) Cohesive devices</p> <p>Poetry: TBC</p> | <p>Fiction: Expanded Noun Phrases: Creating Atmosphere through Rich Images Formal & Informal Language; Dialogue Punctuation: Write an unseen story event</p> <p>Non - Fiction: Cohesive devices Use brackets, dashes or commas to indicate parenthesis</p> <p>Poetry: Punctuation in Poetry Vocabulary in Poetry</p> | <p>Fiction: Using modal verbs and adverbs of possibility Commas, colons and semi-colons</p> <p>Non - Fiction: Using the passive voice Using the perfect form of verbs</p> <p>Poetry:</p> | <p>Fiction: Using relative clauses in descriptive writing Using adverbs of time to create cohesive paragraphs</p> <p>Non - Fiction: Relative Clauses: Describing extreme environments Cohesion between and within paragraphs: Reporting events</p> <p>Poetry: Expanded Noun Phrases: Describing Happy Places Adverbs of Possibility & Modal Verbs: Exploring thoughts and Feelings</p> | <p>Fiction: Commas and Semi-colons: Character Misunderstandings & Mysteries Formal & Informal Language: Talking about Art</p> <p>Non - Fiction: Explore formal and informal language Modal Verbs, Parenthesis and Active/Passive</p> <p>Poetry: TBC</p> |
| English: Composition | <p>Fiction: Write a story about Iron Man with a future setting Explore formal and informal language</p> <p>Non - Fiction: Research and write an article and blog about a black British figure</p> <p>Poetry: Writing about: our diverse voices</p> | <p>Fiction: Composition: Plan and write a story about two other survivors of the Bluchers</p> <p>Non - Fiction: Plan and produce a double page spread</p> <p>Poetry: TBC</p> | <p>Fiction: Write a new chapter for Holes</p> <p>Non - Fiction: Plan and produce a double page spread non-chronological report. Write a diary entry in role</p> <p>Poetry: Writing Workshop: Four Poems from Poems from a Green and Blue Planet</p> | <p>Fiction: Write a story based on The Day the Screens went Blank</p> <p>Non - Fiction: Writing a biography</p> <p>Poetry:</p> | <p>Fiction: Writing a short story about gaining confidence</p> <p>Non - Fiction: Research and write a podcast episode about a survival story</p> <p>Poetry: Creative responses on the theme: poetry, prose and art</p> | <p>Fiction: Continue the story with a new narrator</p> <p>Non - Fiction: Writing and delivering a speech</p> <p>Poetry: TBC</p> |

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| Maths | <p>Place Value Roman numerals to 1,000 Numbers to 1,000,000 Read and write numbers to 1,000,000 Numbers to 10,000,000 Read and write numbers to 10,000,000 Powers of 10 Partition numbers to 10,000,000 Number line to 10,000,000 Compare and order any integers Round within 100,000 Round any integer Count through zero Compare and order negative numbers</p> <p>Addition and subtraction Mental strategies Add and subtract integers Inverse operations and missing numbers Reason from known facts</p> <p>Multiplication and division A Multiples Common multiples Factors Common Factors Rules of divisibility Prime numbers Square and cube numbers Multiply and divide by 10, 100 and 1,000</p> | <p>Fractions A Recognise equivalent fractions Equivalent fractions and simplifying Equivalent fractions on a number line Convert improper fractions to mixed numbers Convert mixed numbers to improper fractions Compare fractions (denominator) Compare fractions (numerator) Order fractions Add and subtract fractions with the same denominator Add fractions where one denominator is a multiple of the other Add any two fractions Add mixed numbers Subtract fractions where one denominator is a multiple of the other Subtract any two fractions Subtract from a mixed number Subtract from a mixed number – breaking the whole Subtract two mixed numbers Multi-step problems</p> <p>Multiplication and Division B Multiply a 2-digit number by a 2-digit number Multiply up to a 4-digit number by a 2-digit number Solve problems with multiplication Short division Divide a 4-digit number by a 1-digit number Division using factors Long division with remainders Solve problems with division</p> | <p>Multiplication and division B continued Efficient division Solve multi-step problems Order of operations Mental calculations and estimation Reason from known facts</p> <p>Fractions B Multiply a unit fraction by an integer Multiply a non-unit fraction by an integer Multiply a mixed number by an integer Multiply fractions by fractions Divide a fraction by an integer Divide any fraction by an integer Fraction of an amount Fraction of an amount - find the whole</p> <p>Decimals A Decimals up to 2 decimal places Decimals up to 3 decimal places Place value - integers and decimals Order and compare decimals (same number of d.p.) Order and compare decimals with up to 3 decimal places Round to the nearest whole number Round to 1 decimal place Round to 2 decimal places</p> <p>Area and perimeter Perimeter of rectangles and rectilinear shapes Area of rectangles Area of compound shapes Estimate area Area of triangles Area of parallelograms</p> | <p>Volume Volume - cubic centimetres Volume of a cuboid Compare volume Estimate volume and capacity</p> <p>Decimal B Use known facts to add and subtract decimals within 1 Complements to 1 Add and subtract decimals across 1 Add decimals with the same number of d.p. Subtract decimals with the same number of d.p. Add decimals with different numbers of d.p. Subtract decimals with different numbers of d.p. Efficient strategies Decimal sequences Multiply and divide by 10, 100 and 1,000 Multiply and divide decimals by integers Multiply and divide decimals in contexts</p> <p>Fractions, decimals and percentages Equivalent fractions and decimals – tenths, hundredths and thousandths Fractions as division Understand percentages Percentages as fractions Percentages as decimals Equivalent F, D, P Order F, D, P Percentages of an amount</p> | <p>Ratio Add or multiply? Use ratio language Ratio and fractions Use scale factors Similar shapes Ratio problems Proportion problems</p> <p>Algebra Function machines Form expressions Substitution Formulae Form equations Solve equations Find pairs of values Solve problems with two unknowns</p> <p>Shape Understand and use degrees Classify angles (include estimate) Measure angles (include estimate) Calculate angles around a point Calculate angles on a straight line Vertically opposite angles Angles in a triangle (include missing angles) Angles in a triangle – special cases (include missing angles) Angles in quadrilaterals Regular and irregular polygons Circles 3-D shapes</p> | <p>Position and direction Four quadrants Solve problems with coordinates Translations Lines of symmetry Reflections</p> <p>Statistics Draw line graphs Read and interpret line graphs Bar charts (to include dual bar charts) Tables (to include two-way table) Timetables Read and interpret pie charts Pie charts with percentages Draw pie charts The mean</p> <p>Converting units Kilograms and kilometres Millimetres and millilitres Convert metric units Miles and kilometres Imperial measures Convert units of time Calculate with timetables</p> |
| Science | Living things and their habitats <i>The classification code</i> | Block A <i>Medical manoeuvres</i> | Electricity <i>Electric Art!</i> | Block B <i>Sensational Science</i> | Light <i>Lighting technicians</i> | Inheritance |
| Computing | Computer science Coding Programs – 2Code | Digital literacy Unit 6.2 Online safety Programs - Various IT Unit 6.3 Spreadsheets Programs – 2Calculate | Digital literacy Unit 6.4 Blogging Programs – 2Blog | Computer science Unit 6.5 Text Adventures Programs – 2Code, 2Connect | Computer science Unit 6.6 Networks | IT Unit 6.7 Quizzing Programs – 2Quiz, 2DIY, Text Toolkit, 2Investigate |

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| PE | Indoor: Gymnastics - Movement Outdoor: Netball | Indoor: Gymnastics – Shape & Balance Outdoor: Invasion Games | Indoor: Dance: Electricity Outdoor: Striking and Field | Indoor: Leadership in PE Outdoor: Volleyball | Indoor: Circuit Training Outdoor: Athletics | Indoor: Dance: World War II Outdoor: Outdoor Adventures/Swimming |
| History | | Maafa Ancient African kingdoms Britain and the Maafa triangular slave trade Human impact of the triangular slave trade Resistance, revolt and refusal Abolition of slavery Life after abolition Colonisation of Africa Race Relations Act | | | Britain at war Causes of the First World War Volunteering to fight Start of the First World War Life in the trenches First World War weaponry Key events of the First World War Impact of the First World War on British citizens End of the First World War | Britain at war Causes of the Second World War Beginning of the Second World War Second World War weaponry and technology Impact of the Second World War on British civilians Anne Frank End of the Second World War Remembrance |
| Geography | Our Changing World Geographical skills: Features of Earth Latitude and longitude Time zones The world: Climate change Trade Natural resource management Human settlement patterns | | Polar climates Polar day and night Polar oceans Polar climates Polar landscapes | Climate change Natural resources Indigenous people Case study – Tourism in the Antarctic | | |
| Design & Technology | | Food for Life Processed foods Packaging Hygiene Homemade food Whole food Recipes Savoury dishes | | Engineer Significance of a designer or inventor Bridge structures Characteristics of materials Frameworks | | Make Do and Mend Make Do and Mend campaign Deconstruct Stitch Repair |
| Art & Design | Trailblazers, Barrier Breakers Exploring trailblazers Breaking barriers Critical analysis In the style Inspired artwork | | Environmental Artists Exploring and creating environmental art Recycle, reuse, and repurpose Ocean art | | Bees, Beetles, and Butterflies Collecting images Insect artists Observational drawing Mixed media collages of beetles Pop art bees Insect inspired artwork | |