



Maths Action Plan & Report

Ricardo M.
22/23

LTP Y1 22/23	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
Journey 1 Confident Community Engagement						
Central	MYSELF Equals Semi-Formal SoW My Thinking & Problem Solving within the World About Us Number	AUTUMN & WINTER Equals Semi-Formal SoW My Thinking & Problem Solving within the World About Us Shape	MUSIC & SOUND Equals Semi-Formal SoW My Thinking & Problem Solving within Communication Positional Language	ANIMALS Equals Semi-Formal SoW My Thinking & Problem Solving within Independence Sorting & Sequencing	INSPIRING INDIVIDUALS Equals Essential Skills Numeracy SoW Maths for Life A. Shopping Pt 1	THE SEASIDE Equals Essential Skills Numeracy SoW Maths for Life A. Shopping Pt 2
Circle	OURSELVES Equals Essential Skills Numeracy SoW Maths for the Com. B. Using Leisure Facilities	ENVIRONMENT Equals Essential Skills Numeracy SoW Maths for Life B. Domestic Appliances	PERFORMANCE & ENTERT. Equals Essential Skills Numeracy SoW Maths for Design C. Design	ANIMALS & HABITATS Equals Essential Skills Numeracy SoW Maths in Everyday Life A. Measurement & Volume		
Victoria						



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LTP Y1 22/23	Autumn Term	Spring Term	Summer Term
Journey 2 Community Engagement and Employment Opportunities Individual students in KS4/5 classes may work towards OCR Entry Level exams. Exam preparation would override the topics below for one of the terms.			
Northern	SoW: White Rose Maths Scheme 3.0 Y1 Place Value (within 10) Sort objects; count objects; count objects from a larger group; represent objects; recognise numbers as words; count on from any number; 1 more; count backwards within 10; 1 less; compare groups by matching; fewer, more, same; less than, greater than, equal to; compare numbers; order objects and numbers; the number line	SoW: White Rose Maths Scheme 3.0 Y1 Shape Recognise and name 3D shapes; sort 3D shapes; recognise and name 2D shapes; sort 2D shapes; patterns with 2D and 3D shapes Place Value (within 20) Count within 20; understand 10 - 19; understand 20; 1 more and 1 less; number line to 20; estimate on a number line to 20; compare numbers to 20; order numbers to 20	SoW: White Rose Maths Scheme 3.0 Y1 Addition and Subtraction (within 20) Add by counting on within 20; add ones using number bonds; find and make number bonds to 20; doubles; near doubles; subtract ones using number bonds; subtraction - counting back / finding the difference; related facts; missing number problems
Piccadilly	Addition and Subtraction (within 10) Introduce parts and wholes; part-whole model; write number sentences; fact families - addition facts; number bonds within 10; systematic number bonds within 10; number bonds to 10; addition - add together; addition - add more; addition problems; find a part; subtraction - find a part; fact families - the eight facts; subtraction - take away / cross out (how many left?); subtraction - take away (how many left?); subtraction on a number line; add or subtract 1 or 2		
Metropol.			
Jubilee	SoW: White Rose Maths Scheme 3.0 Y2 Place Value Numbers to 20; count objects to 100 by making 10s; recognise tens and ones; use a place value chart; partition numbers to 100; write numbers to 100 in words; write numbers to 100 in expanded form; 10s on the number line to 100; 10s and 1s on the number line to 100; estimate numbers on a number line; compare objects; compare numbers; order objects and numbers; count in 2s, 5s and 10s, count in 3s	SoW: White Rose Maths Scheme 3.0 Y2 Addition and Subtraction Bonds to 10; fact families - addition and subtraction bonds within 20; related facts; bonds to 100 (tens); add and subtract 1s, add by making 10; add three 1-digit numbers; add to the next 10; add across a 10; subtract across 10; subtract from a 10; subtract a 1-digit number from a 2-digit number (across a 10); 10 more, 10 less; add and subtract 10s; add two 2-digit numbers (not across a 10)	SoW: White Rose Maths Scheme 3.0 Y2 Addition and Subtraction Add two 2-digit numbers (across a 10); subtract two 2-digit numbers (not across a 10); subtract two 2-digit numbers (across 10); mixed addition and subtraction; compare number sentences; missing number problems Shape Recognise 2D and 3D shapes; count sides on 2D shapes; count vertices on 2D shapes; draw 2D shapes; lines of symmetry on shapes; use lines of symmetry to complete shapes; sort 2D shapes; count faces on 3D shapes; count edges on 3D shapes; count vertices on 3D shapes, sort 3D shapes; make patterns with 2D and 3D shapes
Elizabeth			



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Journey 3 Further Study and Skilled Work Opportunities KS4/5 classes will work towards OCR Entry Level exams for all students. Exam preparation will override the topics below for one of the terms.			
District	SoW: White Rose Maths Scheme 3.0 Y3 Place Value Represent numbers to 100; partition numbers to 100; number line to 100; hundreds; represent numbers to 1000; partition numbers to 1000; flexible partitioning of numbers to 1000; hundreds, tens and ones; find 1, 10 or 100 more or less; number line to 1000; estimate on a number line to 1000; compare numbers to 1000; order numbers to 1000; count in 50s	SoW: White Rose Maths Scheme 3.0 Y3 Multiplication and Division A Multiplication - equal groups; use arrays; multiples of 2; multiples of 5 and 10; sharing and grouping; multiply by 3; divide by 3; the 3 times table; multiply by 4; divide by 4; the 4 times table; multiply by 8; divide by 8; the 8 times table; the 2, 4 and 8 times tables	SoW: White Rose Maths Scheme 3.0 Y3 Multiplication and Division B Multiples of 10; related calculations; reasoning about multiplication; multiply a 2-digit number by a 1-digit number - no exchange / with exchange; link multiplication and division; divide a 2-digit number by a 1-digit number - no exchange / flexible partitioning / with remainders; scaling; how many ways?
Bakerloo	Addition and Subtraction Apply number bonds within 10; add and subtract 1s; add and subtract 10s; add and subtract 100s; spot the pattern; add 1s across a 10; add 10s across a 100; make connections; add two numbers (no exchange); subtract two numbers (no exchange); add two numbers (across a 10), add two numbers (across a 100); subtract two numbers (across a 100), add 2-digit and 3-digit numbers; subtract a 2-digit number from a 3-digit number; complements to 100; estimate answers; inverse operations; make decisions	Length and Perimeter Measure in metres and centimetres; measure in millimetres; measure in centimetres and millimetres; metres, centimetres and millimetres; equivalent lengths (metres and centimetres / centimetres and millimetres); compare lengths; add lengths; subtract lengths; what is perimeter?; measure perimeter; calculate perimeter	Mass and Capacity Use scales; measure mass in grams; measure mass in kilograms and grams; equivalent masses (kilograms and grams); compare mass; add and subtract mass; measure capacity and volume in millilitres; measure capacity and volume in litres and millilitres; equivalent capacities and volumes (litres and millilitres); compare capacity and volume; add and subtract capacity and volume
Ham. & City		Fractions A Understand the denominators of unit fractions; compare and order unit fractions; understand the numerators of non-unit fractions; understand the whole; compare and order non-unit fractions; fractions and scales; fractions on a number line; count in fractions on a number line; equivalent fractions on a number line; equivalent fractions as bar models	Fractions B Add fractions; subtract fractions; partition the whole; unit fractions of a set of objects; non-unit fractions of a set of objects; reasoning with fractions of an amount Money Pounds and pence; convert pounds and pence; add money; subtract money; find change



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Wat. & City	<p>SoW: White Rose Maths Scheme 3.0 Y5</p> <p>Place Value</p> <p>Roman numerals to 1000; numbers to 10000; numbers to 100000; numbers to 1000000; read and write numbers to 1000000; powers of 10; 10/100/1000/10000/100000 more or less; partition numbers to 1000000; number line to 1000000; compare and order numbers to 100000; compare and order numbers to 1000000; round to the nearest 10, 100 or 1000; round within 100000; round within 1000000</p>	<p>SoW: White Rose Maths Scheme 3.0 Y5</p> <p>Fractions A</p> <p>Find fractions equivalent to a unit fraction; find factors equivalent to a non-unit fraction; recognise equivalent fractions; convert improper fractions to mixed numbers; convert mixed numbers to improper fractions; compare fractions less than 1; order fractions less than 1; compare and order fractions greater than 1; add and subtract fractions with the same denominator; add fractions within 1; add fractions with total greater than 1; add to a mixed number; add two mixed numbers; subtract fractions; subtract from a mixed number; subtract from a mixed number - breaking the whole; subtract two mixed numbers</p>	<p>SoW: White Rose Maths Scheme 3.0 Y5</p> <p>Decimals and Percentages</p> <p>Decimals up to 2 decimal places; equivalent fractions and decimals (tenths / hundredths); equivalent fractions and decimals; thousandths as fractions; thousandths as decimals; thousandths on a place value chart; order and compare decimals (same number of decimal places); order and compare any decimals with up to 3 decimal places; round to the nearest whole number; round to 1 decimal place; understand percentages; percentages as fractions; percentages as decimals; equivalent fractions, decimals and percentages</p>
	DLR		



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LTP Y2 23/24	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
Journey 1 Confident Community Engagement						
Central	MYSELF Equals Semi-Formal SoW My Thinking & Problem Solving within Creativity Length	LIGHT & DARK Equals Semi-Formal SoW My Thinking & Problem Solving within Communication Time Awareness	EXPLORERS Equals Semi-Formal SoW My Thinking & Problem Solving within Citizenship Number	COLOURS Equals Essential Skills Numeracy SoW Maths for Design B. Colour	FARAWAY LAN Equals Semi-Formal SoW My Thinking & Problem Solving within Physical Wellbeing Direction	THE OLYMPICS Equals Essential Skills Numeracy SoW Maths for the Com. A. Maps, Travel, Timetables
Circle						
Victoria	OURSELVES Equals Essential Skills Numeracy SoW Maths for the Com. C. Money	STORIES FROM OTHER CULTURES Equals Essential Skills Numeracy SoW Maths for the Com. C. Money	PLACES TO VISIT Equals Essential Skills Numeracy SoW Maths in Everyday Life C. Time		EMPLOYABILITY Equals Essential Skills Numeracy SoW Maths for the Future B. Work	



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LTP Y2 23/24	Autumn Term	Spring Term	Summer Term
Journey 2 Community Engagement and Employment Opportunities			
Individual students in KS4/5 classes may work towards OCR Entry Level exams. Exam preparation would override the topics below for one of the terms.			
Northern	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y1 Place Value (within 50)</p> <p>Count from 20 to 50; 20, 30, 40 and 50; count by making groups of tens; groups of tens and ones; partition into tens and ones; the number line to 50; 1 more, 1 less</p>	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y1 Mass and Volume</p> <p>Heavier and lighter; measure mass; compare mass; full and empty; compare volume; measure capacity; compare capacity</p>	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y1 Position & Direction</p> <p>Describe turns; describe position – left and right / forwards and backwards / above and below; ordinal numbers</p>
Piccadilly	<p style="text-align: center;">Length and Height</p> <p>Compare lengths and heights; measure length using objects; measure length in centimetres</p>	<p style="text-align: center;">Multiplication and division</p> <p>Count in 2s; count in 10s; count in 5s; recognise equal groups; add equal groups; make arrays; make doubles; make equal groups - grouping / sharing</p>	<p style="text-align: center;">Place Value (within 100)</p> <p>Count from 50 to 100; tens to 100; partition into tens and ones; the number line to 100; 1 more, 1 less; compare numbers with the same number of tens; compare any two numbers</p>
Metropol.		<p style="text-align: center;">Fractions</p> <p>Recognise a half of an object or a shape; find a half of an object or a shape; recognise a half of a quantity; find a half of a quantity; recognise a quarter of an object or a shape; find a quarter of an object or a shape; recognise a quarter of a quantity; find a quarter of a quantity</p>	
Jubilee	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y2 Money</p> <p>Count money - pence / pounds (notes and coins) / pounds and pence; choose notes and coins; make the same amount; compare amounts of money; calculate with money; make a pound; find change; two-step problems</p>	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y2 Multiplication and Division</p> <p>The 2 times table; divide by 2; doubling and halving; odd and even numbers; the 10 times table; divide by 10; the 5 times table; divide by 5; the 5 and 10 times tables</p>	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y2 Mass, Capacity and Temperature</p> <p>Compare mass; measure in grams; measure in kilograms; four operations with mass; compare volume and capacity; measure in millilitres; measure in litres; four operations with volume and capacity; temperature</p>
Elizabeth	<p style="text-align: center;">Multiplication and Division</p> <p>Recognise equal groups; make equal groups; add equal groups; introduce the multiplication symbol; multiplication sentences; use arrays; make equal groups - grouping / sharing</p>	<p style="text-align: center;">Length and Height</p> <p>Measure in centimetres; measure in metres; compare lengths and heights; order lengths and heights; four operations with lengths and heights</p>	<p style="text-align: center;">Fractions</p> <p>Introduction to parts and whole; equal and unequal parts; recognise a half; find a half; recognise a quarter; find a quarter; recognise a third; find a third; find the whole; unit fractions; non-unit fractions</p>



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Journey 3 Further Study and Skilled Work Opportunities KS4/5 classes will work towards OCR Entry Level exams for all students. Exam preparation will override the topics below for one of the terms.			
District	SoW: White Rose Maths Scheme 3.0 Y3	SoW: White Rose Maths Scheme 3.0 Y4	SoW: White Rose Maths Scheme 3.0 Y4
Bakerloo	<p style="text-align: center;">Time</p> <p>Roman numerals to 12; tell the time to 5 minutes; tell the time to the minute; read time on a digital clock; use a.m. and p.m.; years, months and days; days and hours; hours and minutes – use start and end times; hours and minutes – use durations; minutes and seconds; units of time; solve problems with time</p> <p style="text-align: center;">Shape</p> <p>Turns and angles; right angles; compare angles; measure and draw accurately; horizontal and vertical; parallel and perpendicular; recognise and describe 2D shapes; draw polygons; recognise and describe 3D shapes; make 3D shapes</p> <p style="text-align: center;">Statistics</p> <p>Interpret pictograms; draw pictograms; interpret bar charts; draw bar charts; collect and represent data; two-way tables</p>	<p style="text-align: center;">Place Value</p> <p>Represent numbers to 1000; partition numbers to 1000; number line to 1000; thousands, represent numbers to 10000; partition numbers to 10000; flexible partitioning of numbers to 10000; find 1, 10, 100, 1000 more or less; number line to 10000; estimate on a number line to 10000; compare numbers to 10000; order numbers to 10000; Roman numerals; round to the nearest 10; round to the nearest 100; round to the nearest 1000; round to the nearest 10, 100 or 1000</p> <p style="text-align: center;">Addition and Subtraction</p> <p>Add and subtract 1s, 10s, 100s and 1000s; add up to 4-digit numbers - no exchange / one exchange / more than one exchange; subtract two 4-digit numbers - no exchange / one exchange / more than one exchange; efficient subtraction; estimate answers; checking strategies</p> <p style="text-align: center;">Area</p> <p>What is area?; count squares; make shapes; compare areas</p>	<p style="text-align: center;">Multiplication and Division A</p> <p>Multiples of 3; multiply and divide by 6; 6 times table and division facts; multiply and divide by 9; 9 times tables and division facts; the 3, 6 and 9 times tables; multiply and divide by 7; 7 times tables and division facts; 11 times table and division facts; 12 times table and division facts; multiply by 1 and 0; divide an number by 1 and itself; multiply three numbers</p> <p style="text-align: center;">Length and Perimeter</p> <p>Measure in kilometres and metres; equivalent lengths (kilometres and metres); perimeter on a grid; perimeter of a rectangle; perimeter of rectilinear shapes; find missing lengths in rectilinear shapes; calculate the perimeter of rectilinear shapes; perimeter of regular polygons; perimeter of polygons</p> <p style="text-align: center;">Fractions</p> <p>Understand the whole; count beyond 1; partition a mixed number; number lines with mixed numbers; compare and order mixed numbers; understand improper fractions; convert mixed numbers to improper fractions; convert improper fractions to mixed numbers; equivalent fractions on a number line; equivalent fraction families; add two or more fractions; add fractions and mixed numbers; subtract two fractions; subtract from whole amounts; subtract from mixed numbers</p>
Ham. & City			



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Wat. & City	<p>SoW: White Rose Maths Scheme 3.0 Y5</p> <p>Perimeter and Area Perimeter of rectangles; perimeter of rectilinear shapes; perimeter of polygons; area of rectangles; area of compound shapes; estimate area</p> <p>Statistics Draw line graphs; read and interpret line graphs; read and interpret tables; two-way tables; read and interpret timetables</p>	<p>SoW: White Rose Maths Scheme 3.0 Y5</p> <p>Shape Understand and use degrees; classify angles; estimate angles; measure angles up to 180; draw lines and angles accurately; calculate angles around a point; calculate angles on a straight line; length and angles in shapes; regular and irregular polygons; 3D shapes</p> <p>Position and Direction Read and plot coordinates; problem-solving with coordinates; translation; translation with coordinates; lines of symmetry; reflection in horizontal and vertical lines</p> <p>Decimals 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 decimal places; subtract decimals with the same number of decimal places; add decimals with different numbers of decimal places; subtract decimals with different numbers of decimal places; efficient strategies for adding and subtracting decimals; decimal sequences; multiply by 10, 100 and 1,000; divide by 10, 100 and 1,000; multiply and divide decimals – missing values</p>	<p>SoW: White Rose Maths Scheme 3.0 Y5</p> <p>Negative Numbers Understand negative numbers; count through zero in 1s; count through zero in multiples; compare and order negative numbers; find the difference</p> <p>Converting Units Kilograms and kilometres; millimetres and millilitres; convert units of length; convert between metric and imperial units; convert units of time; calculate with timetables</p> <p>Volume Cubic centimetres; compare volume; estimate volume; estimate capacity</p>
DLR			



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LTP Y3 24/25	Autumn Term 1	Autumn Term 2	Spring 1	Spring 2	Summer 1	Summer 2
Journey 1 Confident Community Engagement						
Central	THIS IS ME Equals Semi-Formal SoW My Thinking & Problem Solving within Play & Leisure Counting	SPACE & ALIENS Equals Semi-Formal SoW My Thinking & Problem Solving within Play & Leisure Shape	TRADITIONAL TALES Equals Semi-Formal SoW My Thinking & Problem Solving within Communication Capacity	FOOD & DIET Equals Essential Skills Numeracy SoW Maths in Everyday Life B. Weighing & Cooking	SUPERHEROES Equals Essential Skills Numeracy SoW Maths for Design A. Repeating Patterns	TRANSPORT Equals Semi-Formal SoW My Thinking & Problem Solving within ICT & Social Media Object
Circle						
Victoria	INTERESTS & HOBBIES Equals Essential Skills Numeracy SoW Maths for Life C. Telephone + Communication	SPACE: ASTRONAUTS Equals Essential Skills Numeracy SoW Maths for Design B. Shape	IMP. PEOPLE OF THE PAST Equals Essential Skills Numeracy SoW Maths for the Future C. Financial Responsibility		SUPERHEROES & VILLAINS Equals Essential Skills Numeracy SoW Maths for Design A. Repeating Patterns	PLANET EARTH Equals Essential Skills Numeracy SoW Maths in Everyday Life A. Enterprise



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LTP Y3 24/25	Autumn Term	Spring Term	Summer Term
Journey 2 Community Engagement and Employment Opportunities			
Individual students in KS4/5 classes may work towards OCR Entry Level exams. Exam preparation would override the topics below for one of the terms.			
Northern	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y1 Place Value (within 100)</p> <p>Count from 50 to 100; tens to 100; partition into tens and ones; the number line to 100; 1 more, 1 less; compare numbers with the same number of tens; compare any two numbers</p>	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y2 Place Value</p> <p>Numbers to 20; count objects to 100 by making 10s; recognise tens and ones; use a place value chart; partition numbers to 100; write numbers to 100 in words; write numbers to 100 in expanded form; 10s on the number line to 100; 10s and 1s on the number line to 100; estimate numbers on a number line; compare objects; compare numbers; order objects and numbers; count in 2s, 5s and 10s, count in 3s</p>	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y2 Addition and Subtraction</p> <p>Bonds to 10; fact families - addition and subtraction bonds within 20; related facts; bonds to 100 (tens); add and subtract 1s, add by making 10; add three 1-digit numbers; add to the next 10; add across a 10; subtract across 10; subtract from a 10; subtract a 1-digit number from a 2-digit number (across a 10); 10 more, 10 less; add and subtract 10s; add two 2-digit numbers (not across a 10); add two 2-digit numbers (across a 10); subtract two 2-digit numbers (not across a 10); subtract two 2-digit numbers (across 10); mixed addition and subtraction; compare number sentences; missing number problems</p>
Piccadilly	<p style="text-align: center;">Money</p> <p>Unitising; recognise coins; recognise notes; count in coins</p>		
Metropol.	<p style="text-align: center;">Time</p> <p>Before and after; days of the week; months of the year; hours, minutes and seconds; tell the time to the hour; tell the time to the half hour</p>		
Jubilee	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y2 Time</p> <p>O'clock and half past; quarter past and quarter to; tell time past the hour; tell time to the hour; tell time to 5 minutes; minutes in an hour; hours in a day</p>	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y3 Place Value</p> <p>Represent numbers to 100; partition numbers to 100; number line to 100; hundreds; represent numbers to 1000; partition numbers to 1000; flexible partitioning of numbers to 1000; hundreds, tens and ones; find 1, 10 or 100 more or less; number line to 1000; estimate on a number line to 1000; compare numbers to 1000; order numbers to 1000; count in 50s</p>	<p style="text-align: center;">SoW: White Rose Maths Scheme 3.0 Y3 Addition and Subtraction</p> <p>Apply number bonds within 10; add and subtract 1s; add and subtract 10s; add and subtract 100s; spot the pattern; add 1s across a 10; add 10s across a 100; make connections; add two numbers (no exchange); subtract two numbers (no exchange); add two numbers (across a 10), add two numbers (across a 100); subtract two numbers (across a 100), add 2-digit and 3-digit numbers; subtract a 2-digit number from a 3-digit number; complements to 100; estimate answers; inverse operations; make decisions</p>
Elizabeth	<p style="text-align: center;">Statistics</p> <p>Make tally charts; tables; block diagrams; draw pictograms (1-1); interpret pictograms (1-1); draw pictograms (2, 5 and 10), interpret pictograms (2, 5 and 10)</p> <p style="text-align: center;">Position & Direction</p> <p>Describing movement; describing turns; describing movement and turns; making patterns with shapes</p>		



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LTP Y3 24/25	Autumn Term	Spring Term	Summer Term
Journey 3 Further Study and Skilled Work Opportunities			
KS4/5 classes will work towards OCR Entry Level exams for all students. Exam preparation will override the topics below for one of the terms.			
District	SoW: White Rose Maths Scheme 3.0 Y4 Multiplication and Division B Factor pairs; use factor pairs; multiply by 10; multiply by 100; divide by 10; divide by 100; related facts - multiplication and division; informal written methods for multiplication; multiply a 2-digit number by a 1-digit number; multiply a 3-digit number by a 1-digit number; divide a 2-digit number by a 1-digit number (1+2); divide a 3-digit number by a 1-digit number; correspondence problems; efficient multiplication	SoW: White Rose Maths Scheme 3.0 Y4 Time Years, months, weeks and days; hours, minutes and seconds; convert between analogue and digital times; convert to the 24 hour clock; convert from the 24 hour clock Shape Understand angles as turns; identify angles; compare and order angles; triangles; quadrilaterals; polygons; lines of symmetry; complete a symmetric figure Statistics Interpret charts; comparisons, sum and difference; interpret line graphs; draw line graphs	SoW: White Rose Maths Scheme 3.0 Y4 Decimals B Make a whole with tenths; make a whole with hundredths; partition decimals; flexibly partition decimals; compare decimals; order decimals; round to the nearest whole number; halves and quarters as decimals Position and Direction Describe position using coordinates; plot coordinates; draw 2D shapes on a grid; translate on a grid; describe translation on a grid
Bakerloo	Decimals A Tenths as fractions; tenths as decimals; tenths on a place value chart; tenths on a number line; divide a 1-digit number by 10; divide a 2-digit number by 10; hundredths as fractions; hundredths as decimals; hundredths on a place value chart; divide a 1- or 2-digit number by 100		
Ham. & City	Money Write money using decimals; convert between pounds and pence; compare amounts of money; estimate with money; calculate with money; solve problems with money		



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Wat. & City	SoW: White Rose Maths Scheme 3.0 Y6	SoW: White Rose Maths Scheme 3.0 Y6	SoW: White Rose Maths Scheme 3.0 Y6
	Place Value Numbers to 1000000; numbers to 10000000; read and write numbers to 10000000; powers of 10; number line to 10000000; compare and order any integers; round any integer; negative numbers	Fractions B Multiply fractions by integers; multiply fractions by fractions; divide a fraction by an integer; divide any fraction by an integer; mixed questions with fractions; fraction of an amount; fraction of an amount - find the whole	Algebra 1-step function machines; 2-step function machines; form expressions; substitution; formulae; form equations; solve 1-step equations; solve 2-step equations; find pairs of values; solve problems with two unknowns
DLR	Addition, Subtraction, Multiplication and Division Add and subtract integers; common factors; common multiples; rules of divisibility; primes to 100; square and cube numbers; multiply up to a 4-digit number by a 2-digit number; solve problems with multiplication; short division; division using factors; introduction to long division; long division with remainders; solve problems with division; solve multi-step problems; order of operations; mental calculations and estimation; reason from known facts	Converting Units Metric measures; convert metric measures; calculate with metric measures; miles and kilometres; imperial measures	Decimals Place value within 1; place value - integers and decimals; round decimals; add and subtract decimals; multiply by 10, 100 and 1000; divide by 10, 100 and 1000; multiply decimals by integers; divide decimals by integers; multiply and divide decimals in context
	Fractions A Equivalent fractions and simplifying; equivalent fractions on a number line; compare and order (denominator); compare and order (numerator); add and subtract simple fractions; add and subtract any two fractions; add mixed numbers; subtract mixed numbers; multi-step problems	Ratio Add or multiply?; use ratio language; introduction to the ratio symbol; ratio and fractions; scale drawing; use scale factors; similar shapes; ratio problems; proportion problems; recipes	Fractions, Decimals and Percentages Decimal and fraction equivalents; fractions as division; understand percentages; fractions to percentages; equivalent fractions, decimals and percentages; order fractions, decimals and percentages; percentage of an amount - one step; percentage of an amount - multi-step; percentages - missing values