

Maths

Medium Term Planning 2025-2026

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Pre-School	<u>Comparison 1</u> More than, fewer than, same <u>Shape Space and Measure 1</u> Explore and build with shapes and objects <u>Pattern 1</u> Explore repeats	<u>Counting 1</u> Hear and say numbers <u>Counting 2</u> Begin to order number names <u>Subitising 1</u> I see 1,2,3 <u>Pattern 2</u> Join in with repeats	<u>Shape Space and Measure 2</u> Explore position and space <u>Subitising 2</u> Show me 1,2,3 <u>Counting 3</u> Move and label 1,2,3 <u>Pattern 3</u> Explore patterns	<u>Shape Space and Measure 3</u> Explore positions and routes <u>Counting 4</u> Take and give 1,2,3 <u>Subitising 3</u> Talk about dots <u>Comparison 2</u> Compare and sort collections	<u>Shape Space and Measure 4</u> Match, talk push and pull <u>Pattern 4</u> Lead on own repeats <u>Subitising 4</u> Make games and connections <u>Counting 5</u> Show me 5 <u>Comparison 3</u> Match sort and compare	<u>Shape Space and Measure 5</u> Start to puzzle <u>Pattern 5</u> Making patterns together <u>Counting 6</u> Stop at 1,2,3,4,5 <u>Pattern 6</u> My own pattern
Reception	<u>Week 1-2: Getting to Know you:</u> - Settling in time. - Exploring daily routine. - Use of positional language to explain where things belong. - Inside and outside continuous provision. <u>Mastery Number Week 1 - Subitising</u> Subitising within 3	<u>Mastery Number Week 6 - Counting, ordinality and cardinality</u> Focus on counting skills Focus on the 'five-ness of 5' using one hand and the die pattern for 5. <u>Week 7 - Comparison</u> Comparison of sets - by matching Use the language of comparison: more than, fewer than, an equal number <u>Week 8 - Composition</u> Explore the concept of 'whole' and 'part' <u>Week 9 - Composition</u>	<u>Mastery in Number Week 11 - Subitising</u> Subitise within 5 focusing on die patterns Match numerals to quantities within 5 <u>Week 12 - Counting ordinality and cardinality</u> Counting - focus on ordinality and the 'staircase' pattern. <u>Week 13 - Composition</u> Focus on 5 <u>Week 14 - Composition</u> Focus on 6 and 7 as '5 and a bit' <u>Week 15 - Composition</u>	<u>Mastery in Number Week 16 - Counting, ordinality and cardinality</u> Focus on the 'staircase' pattern and ordering numbers <u>Week 17 - Comparison</u> Focus on ordering of numbers to 8 Use language of less than <u>Week 18 - Composition</u> Focus on 7 <u>Week 19 - Composition</u> Doubles - explore how some numbers can be made with 2 equal parts <u>Week 20 - Composition</u>	<u>Mastery in Number Week 21 - Counting, ordinality and cardinality</u> Counting - larger sets and things that cannot be seen <u>Week 22 - Subitising</u> Subitising to 6, including in structured arrangements <u>Week 23 - Composition</u> Composition = '5 and a bit' <u>Week 24 - Composition</u> Composition of 10 <u>Week 25 - Comparison</u> Comparison - linked to ordinality Play track games	<u>Mastery in Number Week 26</u> Subitise to 5 Introduce the rekenrek <u>Week 27 - Review and assess</u> Automatic recall of bonds to 5 <u>Week 28 - Review and assess</u> Composition of number s to 10 <u>Week 29 - Review and assess</u> Comparison <u>Week 30 - Review and assess</u> Number patterns

	Week 2 - Counting, ordinality and cardinality Focus on counting skills Week 3 - Composition Explore how all numbers are made of 1s Focus on composition of 3 and 4 Week 4 - Subitising Subitise objects and sounds Week 5 - Comparison Comparison of sets - 'just by looking' Using the language of comparison: more than and fewer than <u>Autumn Term Block 1: Match, Sort</u> Approximately 1 week: Step 1: Match objects Step 2: Match objects and pictures Step 3: Identify a set Step 4: Sort objects to a type. Step 5: Explore sorting techniques Step 6: Create sorting rules <u>Autumn 1 Block 2: Talk About Measure and Patterns</u> 1 session every Friday over the term: Step 1: Compare size Step 2: Compare mass Step 3: Compare capacity	Focus on the composition of 3,4 and 5 Week 10 - Practise object counting skills Practise object counting skills Match numerals to quantities within 10 Verbal counting beyond 20 <u>Autumn 2 Block 4: Circles and Triangles</u> Every Friday (steps can be merged if appropriate) Step 1: Identify and name circles and triangles Step 2: Compare circles and triangles Step 3: Shapes in the environment Step 4: Describe position <u>Autumn 2 Block 6: Shapes with 4 Sides</u> Every Friday (steps can be merged if appropriate) Step 1: Identify and name shapes with 4 sides Step 2: Combine shapes with 4 sides Step 3: Shapes in the environment Step 4: My day and night	Compare sets and use language of comparison: more than fewer than and equal number to Make unequal sets equal <u>Spring 1 Block 2: Mass and Capacity</u> Every Friday (steps can be merged if appropriate) Step 1: Compare mass Step 2: Find a balance Step 3: Explore capacity Step 4: Compare capacity <u>Spring 1 Block 4: Length, Height and Time</u> Every Friday (steps can be merged if appropriate) Step 1: Explore length Step 2: Compare length Step 3: Explore height Step 4: Compare height	Sorting numbers according to attributes - odd and even numbers <u>Spring 2 Block 4: Length, Height and Time continued</u> Every Friday (steps can be merged if appropriate) Step 5: Talk about time Step 6: Order and sequence time <u>Spring 2 Block 6: Explore 3D Shapes</u> Every Friday (steps can be merged if appropriate) Step 1: Recognise and name 3D shapes Step 2: Find 2D shapes within 3D shapes Step 3: Use 3D shapes for tasks Step 4: 3D shapes in the environment Step 5: Identify more complex patterns Step 6: Copy and continue patterns Step 7: Patterns in the environment	<u>Summer 1 Block 3: Manipulate, Compose and Decompose</u> Every Friday (steps can be merged if appropriate) Step 1: Select shapes for a purpose Step 2: Rotate shapes Step 3: Manipulate shapes Step 4: Explain shape arrangements Step 5: Compose shapes Step 6: Decompose shapes <u>Summer 1 Block 4: Sharing and Grouping</u> Every Friday (steps can be merged if appropriate) Step 1: Explore sharing Step 2: Sharing Step 3: Explore grouping Step 4: Grouping	Week 31 - Review and assess Counting <u>Summer 2 Block 4: Sharing and Grouping continued</u> Approximately 1 week: Step 5: Even and odd sharing Step 6: Play with and build doubles <u>Summer 2 Block 5: Visualise, Build and Map</u> Approximately 3 weeks: Step 1: Identify units of repeating pattern Step 2: Create own pattern rules Step 3: Explore own pattern rules Step 4: Replicate and build scenes and constructions Step 5: Visualise from different positions Step 6: Describe positions Step 7: Give instructions to build Step 8: Explore mapping Step 9: Represent maps with models Step 10: Create own maps from familiar places Step 11: Create own maps and plans form story situations <u>Summer 2 Block 6: Make Connections</u> Approximately 1 week:
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	Step 4: Explore simple patterns Step 5: Copy and compare simple patterns Step 6: Create simple patterns					Step 1: Deepen understanding Step 2: Patterns and relationships
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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Autumn Term Block 1: Place Value (within 10) Approximately 5 weeks Step 1: Sort objects Step 2: Count objects Step 3: Count objects from a larger group Step 4: Represent objects Step 5: Recognise numbers as words Step 6: Count on from any number Step 7: 1 more Step 8: Count backwards within 10 Step 9: 1 less Step 10: Compare groups by matching Step 11: Fewer, more, same Step 12: Less than, greater than, equal to Step 13: Compare numbers	Autumn Term Block 2 Continued: Recap Addition techniques from Autumn 1 Step 8: Addition – add together Step 9: Add more Step 10: Addition problems Step 11: Find a part Step 12 Pre-Step: Introduction to subtraction as ‘take away’ Step 12: Subtraction – find a part Step 14: Take away/cross out (How many left?) Step 15: Take away (How many left?) Step 16: Subtraction on a number line. Step 17: Add or subtract 1 or 2	Spring Term Block 1: Place Value (within 20) Approximately 3 weeks Recap Autumn 1 Block 1 Step 1: Count within 20 Step 2: Understand 10 Step 3: Understand 11, 12 and 13 Step 4: Understand 14, 15 and 16 Step 5: Understand 17, 18, 19 Step 6: Understand 20 Step 7: 1 more and 1 less Step 8: The number line to 20 Step 9: Use a number line to ,20 Step 10: Estimate on a number line to 20 Step 11: Compare numbers to 20 Step 12: Order numbers to 20	Spring Term Block 3: Place Value (within 50) Approximately 2 weeks Recap Spring 1 Block 1 Step 1: Count from 20 to 50 Step 2: 20, 30, 40 and 50 Step 3: Count by making groups of tens Step 4: Groups of tens and ones Step 5: Partition into tens and ones Step 6: The number line to 50 Step 7: Estimate on a number line to 50 Step 8: 1 more, 1 less Spring Term Block 4: Height and Length Approximately 2 weeks Step 1a: Compare lengths Step 1b: Compare heights Step 2: Measure length using objects	Summer Term Block 1: Multiplication and Division Approximately 3 weeks Step 1: Count in 2s Step 2: Count in 10s Step 3: Count in 5s Step 4: Recognise equal groups Step 5: Add equal groups Step 6: Make arrays Step 7: Make doubles Step 8: Make equal groups – grouping Step 9: Make equal groups - sharing Summer Term Block 2: Fractions Approximately 2 weeks Step 1: Recognise a half of an object or a shape Step 2: Find a half of an object or a shape Step 3: Recognise half of a quantity	Summer Term Block 4: Place Value (within 100) Approximately 2 weeks Recap Spring 2 Block 3 Step 1: Count from 50 to 100 Step 2: Tens to 100 Step 3: Partition into tens and ones Step 4: The number line to 100 Step 5: 1 more, 1 less Step 6: Compare numbers with the same number of tens Step 7: Compare any two numbers Summer Term Block 5: Measurement: Money Approximately 1 week Step 1: Unitising Step 2: Recognising coins

	Step 14: Order objects and numbers Step 15: The number line. <u>Autumn Term Block 2 - Addition and Subtraction (within 10)</u> Approximately 5 weeks Step 1: Introduce parts and wholes Step 2: Part-whole model Step 3: Write number sentences Step 4: Fact families – addition facts Step 5: Number bonds within 10 Step 6: Systematic number bonds within 10 Step 7: Number bonds to 10	Step 13: Fact families – the eight facts <u>Autumn Term Block 3 – Shape</u> Approximately 1 week Step 1: Recognise and name 3D shapes Step 2: Sort 3D shapes Step 3: Recognise and name 2D shapes Step 4: Sort 2D shapes Step 5: Patterns with 2D and 3D shapes	<u>Spring Term Block 2 – Addition and subtraction (within 20)</u> Recap Autumn 1 Block 2 Approximately 3 weeks Step 1: Add by counting on within 20 Step 2: Add ones using number bonds Step 3: Find and make number bonds to 20 Step 4: Doubles Step 5: Near doubles Step 6: Subtract ones using number bonds Step 7: Subtraction – counting back Step 8: Subtraction – finding the difference Step 9: Related facts Step 10: Missing number problems	Step 3: Measure length in centimetres <u>Spring Term Block 5: Mass and volume</u> Approximately 2 weeks Step 1: Heavier and lighter Step 2: Measure mass Step 3: Compare mass Step 4: Full and empty Step 5: Compare volume Step 6: Measure capacity Step 7: Compare capacity	Step 4: Find half of a quantity Step 5: Recognise a quarter of an object or a shape Step 6: Find a quarter of an object or shape Step 7: Recognise a quarter of a quantity Step 8: Find a quarter of a quantity <u>Block 3: Geometry: Position and Direction</u> Approximately 1 week Step 1: Describe turns Step 2: Describe position – left and right Step 3: Describe position – forwards and backwards Step 4: Describe position = above and below Step 5: Ordinal numbers	Step 3: Recognising notes Step 3: Count in coins <u>Summer Term Block 6: Time</u> Approximately 2 weeks Step 1: Before and after Step 2: Days of the week Step 3: Months of the year Step 4: Hours minutes and seconds Step 5: Tell the time to the hour Step 6: Tell the time to the half hour
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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 2	<u>Autumn Term Block 1: Number and place value</u> Recap Year 1 Approximately 3 weeks Step 1: Numbers to 20 Step 2: Count objects to 100 by making 10s Step 3: Recognise tens and ones Step 4: Use a place value chart Step 5: Partition numbers to 100 Step 6: Write numbers to 100 in words Step 7: Flexibly partition numbers to 100 Step 8: Write numbers to 100 in expanded form Step 9: 10s on the number line to 100	<u>Autumn Block 1: Number and Place Value continued:</u> Approximately 1 week: Recap Steps 1-11 Step 12: Compare objects Step 13: Compare numbers Step 14: Order objects and numbers Step 15: Count in 2s, 5s and 10s Step 16: Count in 3s <u>Autumn Term Block 3: Geometry: Shape</u> Approximately 3 week Step 1: Recognise 2D and 3D shapes Step 2: Count sides on 2D shapes	<u>Spring Term Block 1: Money</u> Approximately 2 weeks Pre-Step: Recognise pence Step 1: Count money – pence Pre-Step: Recognise notes Step 2: Count money – pounds (notes and coins) Step 3: Count money – pounds and pence Step 4: Choose notes and coins Step 5: Make the same amount Step 6: Compare amounts of money Step 7: Calculate with money Step 8: Make a pound Step 9: Find change Step 10: Two-step problems <u>Autumn Block 2: Addition and Subtraction continued:</u> Approximately 2 weeks	<u>Summer Block 1: Fractions</u> Approximately 2 weeks: Step 1: Introduction to parts and whole Step 2: Equal and unequal parts Step 3: Recognise a half Step 4: Find a half Step 5: Recognise a quarter Step 6: Find a quarter Step 7: Recognise a third Step 8: Find a third Step 9: Find the whole <u>Spring Term Block 3: Length and height</u> Approximately 2 weeks Step 1: Measure in centimetres Step 2: Measure in metres	<u>Spring Term Block 2: Multiplication and Division</u> Approximately 3 weeks Recap Addition and Subtraction Steps 15-16 Step 9: The 2 times-table Step 10: Divide by 2 Step 11: Doubling and halving Step 12: Odd and even numbers Step 13: The 10 times-table Step 14: Divide by 10 Step 15: The 5 times-table Step 16: Divide by 5 Step 17: The 5 and 10 times-table <u>Spring Term Block 4: Mass, capacity and temperature</u> Approximately 2 weeks	<u>Summer Term Block 3: Statistics</u> Approximately 2 weeks Step 1: Make tally charts Step 2: Tables Step 3: Block diagrams Step 4: Draw pictograms (1-1) Step 5: Interpret pictograms (1-1) Step 6: Draw pictograms (2,5 and 10) Step 7: Interpret pictograms (2,5 and 10) <u>Summer Term Block 4: Position and Direction</u> Approximately 2 weeks Step 1: Language of position Step 2: Describe movement Step 3: Describe turns Step 4: Describe movement and turns

	Step 10: 10s and 1s on the number line to 100 Step 11: Estimate numbers on a number line <u>Autumn Term Block 2: Addition and Subtraction</u> Approximately 3 weeks Recap Year 1 Step 1: Bonds to 10 Step 2: Fact families – addition and subtraction bonds within 20 Step 3: Related facts Step 4: Bonds to 100 (tens) Step 5: Add and subtract 1 Step 6: Add by making 10 Step 7: Add three 1-digit numbers Step 8: Add to the next 10 Step 9: Add across a 10 Step 10: Subtract across 10 Step 11: Subtract from a 10	Step 3: Count vertices on 2D shapes Step 4: Draw 2D shapes Step 5: Lines of symmetry on shapes Step 6: Use lines of symmetry to compete shapes Step 7: Sort 2D shapes Step 8: Count faces on 3D shapes Step 9: Count edges on 3D shapes Step 10: Count vertices on 3D shapes Step 11: Sort 3D Step 12: Make patterns with 2D and 3D shapes. <u>Autumn Block 2: Addition and Subtraction continued:</u> Approximately 2 weeks Recap Steps 1-11 Step 12: Subtract a 1 digit number from a 2 digit number (across 10) Step 13: 10 more, 10 less Step 14: Add and subtract 10s Step 15: Add two 2 digit numbers (not across 10) Step 16: Add two 2 digit numbers (across a 10) Step 17: Subtract two 2 digit numbers(not across 10) Step 18: Subtract two 2 digit numbers (across a 10)	Recap Steps 1-18 Step 19: Mixed addition and subtraction Step 20: Compare number sentences Step 21: Missing number problems <u>Spring Term Block 2: Multiplication and Division</u> Approximately 2 weeks Step 1: Recognise equal groups Step 2: Make equal groups Step 3: Add equal groups Step 4: Introduce the multiplication symbol Step 5: Multiplication sentences Step 6: Use arrays Step 7: Make equal groups – grouping Step 8: Make equal groups – sharing	Step 3: Compare lengths and heights Step 4: Order lengths and heights Step 5a: Four operations with lengths and heights (focus on addition and subtraction) Step 5b: Four operations with lengths and heights (focus on double and half) <u>Summer Term Block 2: Time</u> Approximately 1 week Step 1: O'clock and half past Step 2: Quarter past and quarter to Step 3: Telling time past the hour Step 4: Telling time to the hour	Step 1: Compare mass Step 2: Measure in grams Step 3: Measure in kilograms Step 4a: Four operations with mass – drawing on the scale Step 4b: Four operations with mass – worded problems Step 5: Compare volume and capacity Step 6: Measure in millimetres Step 7: Measure in litres Step 8a: Four operations with capacity and volume – drawing on the scale Step 8a: Four operations with capacity and volume – worded problems Step 9: Temperature	Step 5: Shape patterns with turns <u>Summer Block 2: Time Continued</u> Approximately 1 week Recap Steps 1-4 Step 5: Telling time to 5 minutes Step 6: Minutes in an hour Step 7: Hours in a day <u>Summer Block 1: Fractions</u> Approximately 1 weeks: Recap Fractions Steps 1-9 Step 10: Unit fractions Step 11: Non-unit fractions Step 12: Recognise the equivalence of a half and two quarters Step 13: Recognise three quarters Step 14: Find three quarters Step 15: Count in fractions up to a whole
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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3	<u>Autumn Block 1: Place Value</u> Approximately 2 weeks Step 1: Represent numbers to 100 Step 2: Partition numbers to 100 Step 3: Number line to 100 Step 4: Hundreds Step 5: Represent numbers to 1,000 Step 6: Partition numbers to 1,000 Step 7: Flexible partitioning of numbers to 1,000 <u>Autumn Block 2: Addition and Subtraction</u> Approximately 3 weeks Step 1: Apply number bonds within 10	<u>Autumn Block 3: Multiplication and Division A</u> Approximately 4 weeks: Step 1: Multiplication – equal groups Step 2: Use arrays Step 3: Multiples of 2 Step 4: Multiples of 5 and 10 Step 5: Sharing and grouping Step 6: Multiply by 3 Step 7: Divide by 3 Step 8: The 3 times-table Step 9: Multiply by 4 Step 10: Divide by 4 Step 11: The 4 times-table Step 12: Multiply by 8 Step 13: Divide by 8 Step 14: The 8 times-table Step 15: The 2, 4 and 8 times-table	<u>Autumn Block 1: Place Value Continued:</u> Approximately 1-2 weeks: Recap steps 1-7 Step 8: Hundreds, tens and ones Step 9: Find 1, 10 or 100 more or less Step 10: Number line to 1,000 Step 11: Estimate on a number line to 1,000 Step 12: Compare numbers to 1,000 Step 13: Order numbers to 1,000 Step 14: Count in 50s <u>Autumn Block 2: Addition and Subtraction Continued:</u> Approximately 3 weeks Recap steps 1- 10 Step 11: Add two numbers (no exchange)	<u>Spring Block 2: Measurement: Length and Perimeter</u> Approximately 3 weeks Step 1: Measure in metres and centimetres Step 2: Measure in millimetres Step 3: Measure in centimetres and millimetres Step 4: Metres, centimetres and millimetres Step 5: Equivalent lengths (metres and centimetres) Step 6: Equivalent lengths (centimetres and millimetres) Step 7: Compare lengths Step 8: Add lengths Step 9: Subtract lengths Step 10: What is perimeter? Note: avoid	<u>Spring Block 1: Multiplication and Division B</u> Approximately 2 weeks Recap Addition and Subtraction Recap Step 1-5 Step 6: Link multiplication and division Step 7: Divide a 2-digit number by a 1-digit number – no exchange Step 8: Divide a 2-digit number by a 1-digit number – flexible partitioning Step 9: Divide a 2-digit by a 1-digit number – with remainders Step 10: Scaling Step 11: How many ways?	<u>Summer Block 1: Fractions B</u> Approximately 2 weeks Recap Fractions A Step 1: Add fractions Step 2: Subtract fractions Step 3: Partition the whole Step 4: Unit fractions of a set of objects Step 5: Non-unit fractions of a set of objects Step 6: Reasoning with fractions of an amount <u>Summer Term Block 3: Time Continued:</u> Approximately 1 week Recap Step 1-8 Step 9: Finding the duration

Step 2: Add and subtract 1s Step 3: Add and subtract 10s Step 4: Add and subtract 100s Step 5: Spot the pattern Step 6: Add 1s across a 10 Step 7: Add 10s across a 100 Step 8: Subtract 1s across a 10 Step 9: Subtract 10s across a 100 Step 10: Make connections <u>Autumn 1 Term Block 3:</u> Time Approximately 2 weeks Recap of KS1 time: o'clock, half past, quarter past and quarter to the hour Step 1: Roman Numerals to 12 Step 2: Tell the time to 5 minutes Step 3: Tell the time to the minute Step 4: Read time on a digital clock Step 5: Use am and pm Step 6: Years, months and days Step 7: Days and hours Step 8: Hours and minutes – use start and end times Step 9: Hours and minutes – use durations	<u>Summer Term Block 4:</u> Shape Approximately 2 weeks Step 1: Turns and angles Step 2: Right angles in shapes Step 3: Compare angles Step 4: Measure and draw accurately Step 5: Horizontal and vertical Step 6: Parallel and perpendicular Step 7: Recognise and describe 2-D shapes Step 8: Draw polygons Step 9: Recognise and describe 3D shapes Step 10: Make 3-D shapes	Step 12: Subtract two numbers (no exchange) Step 13: Add two numbers (across a 10) Step 14: Add two numbers (across a 100) Step 15: Subtract two numbers (across a 10) Step 16: Subtract two numbers (across a 100) Step 17: Add 2-digit and 3-digit numbers Step 18: Subtract a 2-digit number from a 3-digit number Step 19: Complements to 100 Step 20: Estimate answers Step 21: Inverse operations Step 22: Make decisions <u>Spring Term Block 1:</u> Multiplication and Division B Approximately 1-2 weeks: Recap Multiplication and Division Block A Step 1: Multiples of 10 Step 2: Related calculations Step 3: Reasoning about multiplication Step 4: Multiply an 2-digit number by a 1-digit number – no exchange Step 5: Multiply a 2-digit number by a 1-digit number – with exchange	questions where the children use observation instead of calculation to determine perimeter e: 'which shape has the greatest perimeter?'. Children need to be determine perimeter by measuring the distance round the outside (use cubes or squares). Step 11: Measure perimeter Step 12: Calculate perimeter <u>Spring Block 3: Fractions A</u> Approximately 1-2 weeks Step 1: Understand the denominators of unit fractions Step 2: Compare and order unit fractions Step 3: Understand the numerators of non-unit fractions Step 4: Understand the whole Step 5: Compare and order non-unit fractions <u>Spring Block 4: Mass and Capacity</u> Approximately 3 weeks Step 1: Use scales Step 2: Measure mass in grams Step 3: Measure mass in kilograms and grams Step 4: Equivalent masses (kilograms and grams) Step 5: Compare mass	<u>Spring Block 3: Fractions A Continued:</u> Approximately 1-2 weeks Recap Steps 1-5 Step 6: Fractions and scales Step 7: Fractions on a number line Step 8: Count in fractions on a number line Step 9: Equivalent fractions on a number line Step 10: Equivalent fractions as bar models <u>Summer Block 2: Money</u> Approximately 2 weeks Step 1: Pounds and pence Step 2: Convert pounds and pence Step 3: Add money Step 4: Subtract money Step 5: Find change	Step 10: Comparing durations Step 11: Start and end times Step 12: Measuring time in seconds <u>Summer Term Block 5:</u> Statistics Approximately 2 week Step 1: Interpret pictograms Step 2: Draw pictograms Step 3: Interpret bar charts Step 4: Draw bar charts Step 5: Collect and represent data Step 6: Two-way tables
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	Step 10: Minutes and seconds Step 11: Units of time Step 12: Solve problems with time			Step 6: Add and subtract mass Step 7: Measure capacity and volume in millilitres Step 8: Measure capacity and volume in litres and millilitres Step 9: Equivalent capacities and volumes (litres and millilitres) Step 10: Compare capacity and volume Step 11: Add and subtract capacity and volume		
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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 4	Autumn Term Block 1: Place Value: Approximately 3 weeks Step 1: Represent numbers to 1,000 Step 2: Partition numbers to 1,000 Step 3: Number line to 1,000 Step 4: Thousands Step 5: Represent numbers to 10,000 Step 6: Partition to 10,000	Autumn Term Block 4: Multiplication and Division A: Approximately 4 weeks Step 1: Multiples of 3 Step 2: Multiply and divide by 6 Step 3: 6 times-table and division facts Step 4: Multiply and divide by 9 Step 5: 9 times-table and division facts Step 6: The 3s, 6 and 9 times-tables	Autumn Term Block 1: Place Value Continued: Approximately 2 weeks: Recap Steps 1-12 Step 13: Roman numerals Step 14: Round to the nearest 10 Step 15: Round to the nearest 100 Step 16: Round to the nearest 1,000 Step 17: Round to the nearest 10, 100 or 1,000	Spring Term Block 3: Fractions Continued: Approximately 2 weeks Recap Steps 1-8 Step 9: Equivalent fractions on a number line Step 10: Equivalent fraction families Step 11: Add two or more fractions Step 12: Add fractions and mixed numbers Step 13: Subtract two fractions Step 14: Subtract from whole amounts	Spring Term Block 1: Multiplication and Division B Approximately 2 weeks Recap Steps 1 – 7 Step 8: Informal written methods for multiplication Step 9: Multiply a 2-digit number by a 1-digit number Step 10: Multiply a 3-digit number by a 1-digit number Step 11: Divide a 2-digit number by a 1-digit number (1)	Summer Term Block 3: Time Approximately 1 week Step 1: Years, months, weeks and days Step 2: Hours, minutes and seconds Step 3: Convert between analogue and digital times Step 4: Convert to the 24 hour clock Step 5: Convert from the 24 hour clock digital – 24 hour

Step 7: Flexible partitioning of numbers to 10,000 Step 8: Find 1, 10, 100, 1,000 more or less Step 9: Number line to 10,000 Step 10: Estimate on a number line to 10,000 Step 11: Compare numbers to 10,000 Step 12: Order numbers to 10,000 <u>Autumn Term Block 2:</u> <u>Addition and Subtraction</u> Approximately 2 weeks Step 1: Add and subtract 1s, 10s, 100s and 1,000s Step 2: Add up to two 4-digit numbers (no exchange) Step 3: Add two 4-digit numbers – one exchange Step 4: Add two 4-digit numbers – more than one exchange Step 5: Subtract two 4-digit numbers – no exchange Step 6: Subtract two 4-digit numbers – one exchange Step 7: Subtract two 4-digit numbers – more than one exchange. <u>Autumn Term Block 3:</u> <u>Measurement: Area</u> Approximately 1 week	Step 7: Multiply and divide by 7 Step 8: 7 times-table and division facts Step 9: 11 times-table and division facts Step 10: 12 times-table and division facts Step 11: Multiply by 1 and 0 Step 12: Divide a number by 1 and itself Step 13: Multiply three numbers <u>Spring Term Block 3:</u> <u>Fractions</u> Approximately 2 weeks Step 1: Understand the whole Step 2: Count beyond 1 Step 3: Partition a mixed number Step 4: Number lines with mixed numbers Step 5: Compare and order mixed numbers Step 6: Understand improper fractions Step 7: Convert mixed numbers to improper fractions Step 8: Convert improper fractions to mixed numbers	<u>Autumn Term Block 2:</u> <u>Addition and Subtraction Continued:</u> Approximately 1 week Recap Steps 1-7 Step 8: Efficient subtraction Step 9: Estimate answers Step 10: Checking strategies <u>Spring Term Block 1:</u> <u>Multiplication and Division B</u> Approximately 3 weeks Recap Multiplication and Division A Step 1: Factor pairs Step 2: Use factor pairs Step 3: Multiply by 10 Step 4: Multiply by 100 Step 5: Divide by 10 Step 6: Divide by 100 Step 7: Related facts – multiplication and division	Step 15: Subtract from mixed numbers <u>Spring Term Block 2:</u> <u>Length and Perimeter</u> Approximately 2 weeks Recap 1: The conversion of g to kg (Year 3 SoW). Recap 2: The conversion of ml to l (Year 3 SoW). Recap 3: The conversion of mm, cm and m (Year 3 SoW). Step 1: Measure in kilometres and metres Step 2: Equivalent lengths (kilometres and metres) Step 3: Perimeter on a grid Step 4: Perimeter on a rectangle Step 5: Perimeter of rectilinear shapes Step 6: Find missing lengths in rectilinear shapes Step 7: Calculate the perimeter of rectilinear shapes Step 8: Perimeter of regular polygons Step 9: Perimeter of polygons <u>Spring Term Block 4:</u> <u>Decimals A</u> Approximately 3 weeks Step 1: Tenths as a fraction Step 2: Tenths as a decimal	Step 12: Divide a 2-digit number by a 1-digit number (2) Step 13: Divide a 3-digit number by a 1-digit number Step 14: Correspondence problems Step 15: Efficient multiplication <u>Summer Term Block 1:</u> <u>Decimals B:</u> Approximately 2 weeks Recap Decimals A Step 1: Make a whole with tenths Step 2: Make a whole with hundredths Step 3: Partition decimals Step 4: Flexibly partition decimals Step 5: Compare decimals Step 6: Order decimals Step 7: Round to the nearest whole number Step 8: Halves and quarters and decimals <u>Summer Term Block 2:</u> <u>Money</u> Approximately 2 weeks Step 1: Write money using decimals Step 2: Convert between pounds and pence Step 3: Compare amounts of money	<u>Summer Term Block 4:</u> <u>Statistics</u> Approximately 1 week Step 1: Interpret charts Step 2: Comparison, sum and difference Step 3: Introducing line graphs Step 4: Line graphs <u>Summer Term Block 5:</u> <u>Properties of Shape</u> Approximately 2 weeks Step 1: Understand angles and turns Step 2: Identify angles Step 3: Compare and order angles Step 4: Triangles Step 5: Quadrilaterals Step 6: Polygons Step 7: Lines of symmetry Step 8: Complete a symmetric figure. <u>Summer Term Block 6:</u> <u>Position and Direction</u> Approximately 2 weeks Step 1: Describe position using co-ordinates Step 2: Plot co-ordinates Step 3: Draw 2D shapes on a grid Step 4: Translate on a grid Step 5: Describe translation on a grid
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	Step 1: What is area? Practical lesson? NB: Children must use squares/circles/post-it notes inside a 2D shape to compare and not just compare by sight. Step 2: Count squares Step 3: Make rectilinear shapes Step 4: Compare areas of composite rectilinear shapes. NB: Children must use squares inside a 2D shape to compare and not just compare by sight.			Step 3: Tenths on a place value chart Step 4: Tenths on a number line Step 5: Divide a 1-digit number by 10 Step 6: Divide a 2-digit number by 10 Step 7: Hundredths as fractions Step 8: Hundredths as decimals Step 9: Hundredths on a place value chart Step 10: Divide a 1- or 2-digit number by 100	Step 4: Estimate with money Step 5: Calculate with money Step 6: Solve problems with money	
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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 5	Autumn Term Block 1: Place Value: Approximately 2 weeks Step 1: Roman numerals to 1,000 Step 2: Numbers to 10,000	Autumn Term Block 4: Fractions A Approximately 4 weeks: Step 1: Find fractions equivalent to a unit fractions	Autumn Term Block 1: Place Value Continued: Approximately 1 week Recap Steps 1-9 Step 10: Compare and order numbers to 100,000 Step 11: Compare and order numbers to 1,000,000	Continued: Approximately 1 week Step 5: Fraction of an amount Step 6: Find the whole Step 7: Use fractions as operators	Summer Block 1: Shape Approximately 2 weeks Step 1: Understand and use degrees Step 2: Classify angles Step 3: Estimate angles Step 4: Measuring angles up to 180	Summer Term Block 3: Decimals Continued: Approximately 1 week Step 8: Efficient strategies for adding

Step 3: Numbers to 100,000 Step 4: Numbers to 1,000,000 Step 5: Read and write numbers to 1,000,000 Step 6: Powers of 10 Step 7: 10/ 100/ 1,000/ 10,000/ 100,000 more or less Step 8: Partition numbers to 1,000,000 Step 9: Number line to 1,000,000 <u>Autumn Term Block 1:</u> <u>Addition and Subtraction</u> Approximately 2 weeks Step 1: Mental strategies Step 2: Add whole numbers with more than four digits Step 3: Subtract whole numbers with more than four digits Step 4: Round to check Step 5: Inverse operations (addition and subtraction) Step 6: Multi-step addition and subtraction problems Step 7: Compare calculations Step 8: Find missing numbers <u>Autumn Term Block 3:</u> <u>Multiplication and Division A</u>	Step 2: Find fractions equivalent to a non-unit fraction Step 3: Recognise equivalent fractions Step 4: Convert improper fractions to mixed numbers Step 5: Convert mixed numbers to improper fractions Step 6: Compare fractions less than 1 Step 7: Order fractions less than 1 Step 8: Compare and order fractions greater than 1 Step 9: Add fractions with the same denominator Step 10: Add fractions within 1 Step 11: Add fractions with total greater than 1 Step 12: Add to a mixed number Step 13: Add two mixed numbers Step 14: Subtract fractions Step 15: Subtract from a mixed number Step 16: Subtract from a mixed number- breaking the whole Step 17: Subtract two mixed numbers <u>Spring Block 5: Statistics</u> Approximately 2 weeks Step 1: Draw line graphs Step 2: Read and interpret line graphs	Step 12: Round to the nearest 10, 100, 1,000 Step 13: Round within 100,000 Step 14: Round within 1,000,000 Approximately 1 week Recap Steps 1-8 from Autumn Term Block 2 Addition and Subtraction <u>Spring Block 1:</u> <u>Multiplication and Division B</u> Approximately 3 weeks Recap Multiplication and Division A Step 1: Multiply up to a 4-digit number by a 1-digit number Step 2: Multiply a 2-digit number by a 2-digit number (area model) Step 3: Multiply a 2-digit number by a 2-digit number Step 4: Multiply a 3-digit number by a 2-digit number Step 5: Multiply a 4-digit number by a 2-digit number Step 6: Solve problems with multiplication Step 7: Short division Step 8: Divide a 4-digit number by a 1-digit number Step 9: Divide with remainders Step 10: Efficient division Step 11: Solve problems with multiplication and division	<u>Spring Term Block 3:</u> <u>Decimals and Percentages</u> Approximately 3 weeks Step 1: Decimals up to 2 decimal places Step 2: Equivalent fractions and decimals (tenths) Step 3: Equivalent fractions and decimals (hundredths) Step 4: Equivalent fractions and decimals Step 5: Thousandths as fractions Step 6: Thousandths as decimals Step 7: Thousandths on a place value chart Step 8: Order and compare decimals (same number of decimal places) Step 9: Order and compare any decimals with up to 3 decimal places Step 10: Round to the nearest whole number Step 11: Round to 1 decimal place Step 12: Understand percentages Step 13: Percentages as fractions Step 14: Percentages as decimals Step 15: Equivalent fractions, decimals and percentages. <u>Spring Block 4: Perimeter and area</u>	Step 5: Draw lines and angles accurately Step 6: Calculate angles around a point Step 7: Calculate angles on a straight line Step 8: Lengths and angles in shapes Step 9: Regular and irregular polygons Step 10: 3D shapes <u>Summer Term Block 2:</u> <u>Position and Direction:</u> Approximately 2 weeks Step 1: Read and plot co-ordinates Step 2: Problem solving with co-ordinates Step 3: Problem solving with co-ordinates Step 4: Translation Step 5: Translation with coordinates Step 6: Lines of symmetry Step 7: Reflection in horizontal and vertical lines. <u>Summer Term Block 3:</u> <u>Decimals</u> Approximately 2 weeks Step 1: Using known facts to add and subtract decimals within 1 Step 2: Complements to 1 Step 3: Add and subtract decimals across 1 Step 4: Add decimal with the same number of decimal places	and subtracting decimals Step 9: Decimal sequences Step 10: Multiply by 10, 100 and 1,000 Step 11: Divide by 10, 100 and 1,000 Step 12: Multiply and divide by decimals – missing values <u>Summer Term Block 6:</u> <u>Negative Numbers</u> Approximately 1 week Step 1: Understanding negative numbers Step 2: Count through zero in 1s Step 3: Count through zero in multiples Step 4: Compare and order negative numbers Step 5: Find the difference <u>Summer Term Block 5:</u> <u>Converting Units</u> Approximately 2 weeks Steps will need to be broken down considerably. Step 1: Kilograms and Kilometres Step 2: Millimetres and millilitres Step 3: Convert units of length
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	Approximately 3 weeks Step 1: Multiples Step 2: Common multiples Step 3: Factors Step 4: Common factors Step 5: Prime numbers Step 6: Square numbers Step 7: Cube numbers Step 8: Multiply by 10, 100 and 1,000 Step 9: Divide by 10, 100 and 1,000 Create a lesson that specifically refers to measure. Step 10: Multiples of 10, 100 and 1,000	Step 3: Read and interpret tables Step 4: Two-way tables Step 5: Read and interpret timetables	Spring Block 2: Fractions B Approximately 1 weeks Recap Fractions A Step 1: Multiply a unit fraction by an integer Step 2: Multiply a non-unit fraction by an integer Step 3: Multiply a mixed number by an integer Step 4: Calculate a fraction of a quantity	Approximately 2 weeks Step 1: Perimeter of rectangles Step 2: Perimeter of rectilinear shapes Step 3: Perimeter of polygons Step 4: Area of rectangles Step 5: Area of compound shapes Step 6: Estimate area	Step 5: Subtract decimals with the same number of decimal places. Step 6: Add decimals with different number of decimal places. Step 7: Subtract decimals with different number of decimal places.	Step 4: Convert between metric and imperial units Step 5: Convert units of time Step 6: Calculate with timetables Summer Term Block 6: Volume Approximately 1 week Step 1: Cubic centimetres Step 2: Compare volume Step 3: Estimate volume Step 4: Estimate capacity
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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 6	Autumn Term Block 1: Place Value Approximately 2 weeks Step 1: Numbers to 1,000,000	Autumn Term Block 5: Converting units: Approximately 1 week Step 1: Metric units	Autumn Term Block 2: Addition, Subtraction, Multiplication and Division Continued: Approximately 2-3 weeks	Spring Term Block 4: Fractions, decimals and percentages Approximately 2 weeks Step 1: Decimal and fraction equivalents	Summer Term Block 1: Shape Approximately 2 weeks Step 1: Measure and classify angles Step 2: Calculate angles	Address key misconceptions and Consolidation Themed Maths lessons

	Step 2: Numbers to 10,000,000 Step 3: Read and write numbers to 10,000,000 Step 4: Powers of 10 Step 5: Number line to 10,000,000 Step 6: Compare and order any integers Step 7: Round any integer Step 8: Negative numbers <u>Autumn Term Block 2:</u> Addition, Subtraction, Multiplication and Division Approximately 2-3 weeks Step 1: Add and subtract integers Step 2: Common factors Step 3: Common multiples Step 4: Rules of divisibility Step 5: Primes to 100 Step 6: Square and cube numbers Step 7: Multiply up to a 4-digit number by a 2-digit number Step 8: Solve problems with multiplication Step 9: Short division	Step 2: Convert metric units Step 3: Calculate with metric units Step 4: Miles and kilometres Step 5: Imperial measures <u>Spring Term Block 2:</u> Algebra Approximately 2 weeks Step 1: 1-step function machines Step 2: 2-step function machines Step 3: Form expressions Step 4: Substitution Step 5: Formulae Step 6: Form equations Step 7: Step 1-step equations Step 8: Solve 2-step equations Step 9: Find pairs of values Step 10: Solve problems with two unknowns <u>Autumn Block 4: Fractions B</u> Approximately 2 weeks Recap Fractions A Step 1: Multiply fractions by integers Step 2: Multiply fractions by fractions Step 3: Divide a fraction by an integer Step 4: Divide any fraction by an integer	Recap Steps 1-9 Step 10: Division using factors Step 11: Introduction to long division Step 12: Long division with remainders Step 13: Solve problems with division Step 14: Solve multi-step problems Step 15: Order of operations Step 16: Mental calculation and estimation Step 17: Reason from known facts <u>Spring Term Block 3:</u> Decimals Approximately 2 weeks Recap Place Value Step 1: Place value within 1 Step 2: Place value – integers and decimals Step 3: Round decimals Step 4: Add and subtract decimals Step 5: Multiply and divide by 10, 100 and 1,000 Step 6: Divide by 10, 100 and 1,000 Step 7: Multiply decimals by integers Step 8: Divide decimals by integers Step 9: Multiply and divide decimals in context <u>Spring Block 1: Ratio</u> Approximately 2 weeks Step 1: Add or multiply?	Step 2: Fractions as division Step 3: Understand percentages Step 4: Equivalent fractions, decimals and percentages Step 5: Order fractions, decimals and percentages Step 6: Percentage of an amount – one step Step 7: Percentage of an amount – multi-step Step 8: Percentages – missing values <u>Spring Term Block 5: Area, perimeter and volume</u> Approximately 2 weeks Step 1: Shapes – same area Step 2: Area and perimeter Step 3: Area of a triangle – counting squares Step 4: Area of a right-angled triangle Step 5: Area of any triangle Step 6: Area of a parallelogram Step 7: Volume – counting cubes Step 8: Volume of a cuboid <u>Spring Term Block 6: Statistics</u> Approximately 2 weeks Step 1: Line graphs Step 2: Dual bar charts	Step 3: Vertically opposite angles Step 4: Angles in a triangle Step 5: Angles in a triangle – special cases Step 6: Angles in a triangle – missing angles Step 7: Angles in quadrilaterals Step 8: Angles in polygons Step 9: Circles Step 10: Draw shapes accurately Step 11: Nets of 3D shapes <u>Summer Term Block 2: Position and Direction</u> Approximately 1 week Step 1: The first quadrant Step 2: Read and plot points in four quadrants Step 3: Solve problems with co-ordinates Step 4: Translations Step 5: Reflections	Problem Solving
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	Autumn Term Block 3: <u>Fractions A</u> Approximately 2 weeks Step 1: Equivalent fractions and simplifying Step 2: Equivalent fractions on a number line Step 3: Compare and order (denominator) Step 4: Compare and order (numerator) Step 5: Add and subtract simple fractions Step 6: Add and subtract any two fractions Step 7: Add mixed numbers Step 8: Subtract mixed numbers Step 9: Multi-step problems	Step 5: Mixed questions with fractions Step 6: Fraction of an amount Step 7: Fraction of an amount – find the whole	Step 2: Use ratio language Step 3: Introduction to the ratio symbol Step 4: Ratio and fractions Step 5: Scale drawing Step 6: Use scale factors Step 7: Similar shapes Step 8: Ratio problems Step 9: Proportion problems Step 10: Recipes	Step 3: Read and interpret pie charts Step 4: Pie charts with percentages Step 5: Draw pie charts Step 6: The mean		
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