



We ask for your patience whilst we build our curriculum.

Resources will be ready for implementation from **September 2024**

Integer Place Value to 1,000,000	
5M00A	Remember Numbers to 10,000
5M001	Master 10,000s and 100,000s
5M002	Master Representing Numbers to 1,000,000
5M003	Master The Place Value of 5 and 6-Digit Numbers
5M004	Master Reading and Writing Numbers to 1,000,000
5M005	Master Standard Partitioning (5 and 6 digits)
5M006	Master Non-Standard Partitioning (5 and 6 digits)
5M007	Master 1, 10, 100, 1,000, 10,000 and 100,000 More and Less
5M008	Master the Number Line to 100,000
5M009	Master Nearest to / Furthest from to 100,000
5M010	Master the Number Line to 1,000,000
5M011	Master Nearest to / Furthest from to 1,000,000
5M012	Master Comparing 5 and 6-Digit Numbers
5M013	Master Ordering 5 and 6-Digit Numbers
5M00B	Remember Rounding to the Nearest 10, 100 and 1,000
5M014	Master Rounding to the Nearest 10,000 and 100,000
5M015	Master Rounding within 1,000,000
5M016	Master Roman Numerals to 1,000 and Years
5M017	Master Negative Numbers (-10 to 10)
Decimal Place Value (up to 3 decimal places)	
5M00C	Remember Tenths and Hundredths
5M018	Master Thousandths
5M019	Master Representing Numbers with 3 Decimal Places
5M020	Master The Place Value of Decimal Numbers with 3 Decimal Places
5M021	Master Reading and Writing Numbers with 3 Decimal Places
5M022	Master Standard Partitioning (1 or 2 Decimal Places)
5M023A	Master Non-Standard Partitioning (1 or 2 Decimal Places) A
5M023B	Master Non-Standard Partitioning (1 or 2 Decimal Places) B
5M024	Master Thousandths on a Number Line as Decimals
5M025	Master The Number Line with up to 3 Decimal Places

Year 5 Maths - Progression of Small Steps

5M026	Master Nearest to / Furthest from with Thousandths
5M027	Master Comparing Numbers with 1s and up to 3 Decimal Places
5M028	Master Ordering Numbers with 1s and up to 3 Decimal Places
5M029	Master Rounding Numbers to 1 Decimal Place
5M030	Master Rounding Decimal Numbers to Given Degrees of Accuracy
Fractional Place Value	
5M031	Master Thousandths on a Number Line as Fractions
5M032	Master Recognising Thousandths in Decimal and Fractional Form
5M033	Master Finding Equivalent Fractions
5M034	Master Equivalent Fractions as Decimals 1
5M035	Master Equivalent Fractions as Decimals 2
5M036	Master The Number Line with Fractions Less Than 1
5M037	Master Comparing Fractions Less than 1
5M038	Master Ordering Fractions Less than 1
5M039	Master Recognising Improper Fractions as Mixed Numbers
5M040	Master Recognising Mixed Numbers as Improper Fractions
5M041	Master Recognising Decimal Numbers Greater Than 1 in Fractional Form
5M042	Master The Number Line with Fractions Greater Than 1
5M043	Master Comparing Fractions Greater Than 1
5M044	Master Ordering Fractions Greater Than 1
Numerical Representation of Percentages	
5M045	Master The Number Line with Percentages
5M046	Master Recognising Simple Percentages in Fractional Form
5M047	Master Recognising Simple Percentages in Decimal Form
5M048	Master Simple Equivalent Fractions, Decimals and Percentages
Measurement	
5M049	Master Reading Scales
5M00D	Remember Measuring and Estimating Length
5M050	Master Drawing Lines in Millimetres
5M00E	Remember Measuring and Estimating Mass in Kilograms and Grams
5M00F	Remember Measuring and Estimating Capacity and Volume in Litres and Millilitres
5M051	Master Measuring and Estimating Capacity and Volume in Cubic Centimetres
5M052	Master Comparing Capacities and Volumes in Cubic Centimetres
5M053	Master Telling the Time on Any Clock
5M054	Master Interpreting Timetables
Geometry	
5M055	Master Turns, Angles and Degrees
5M056	Master Fractions, Angles and Degrees
5M057	Master Measuring and Estimating Acute Angles
5M058	Master Measuring and Estimating Obtuse Angles
5M059	Master Measuring and Estimating Reflex Angles
5M060	Master Drawing Angles
5M061	Master Comparing Angles

Statistics	
5M00G	Remember Pictograms and Bar Charts
5M062	Master Interpreting and Presenting Time Graphs
5M063	Master Interpreting Line Graphs
5M064	Master Presenting Line Graphs
5M065	Master Interpreting Two-Way Tables
5M066	Master Presenting Two-Way Tables
5M067	Master Interpreting and Presenting Carroll and Venn Diagrams
Counting	
Pupils should be counting on entry to Year 5 and throughout the duration of the academic year using these recall steps. It is an expectation that children will have been introduced to any relevant counting steps before their related 'Master' steps or 'Recall' times tables steps, for which they serve as a foundation.	
5MR01	Recall Counting in Powers of 10 from Any Number
5MR02	Recall Counting by Scaling
5MR03	Recall Counting Backwards and Forwards with Negative Numbers
5MR04	Recall Counting in Thousandths as Decimals
5MR05	Recall Counting in Thousandths as Fractions
5MR06	Recall Counting in Decimals
5MR07	Recall Counting in Fractions
5MR08	Recall Counting in Percentages
5MR09	Recall Counting in Measures
5MR10	Recall Counting to Estimate Area on a Grid
Addition of Integers	
5MR11	Recall Bonds to 100,000 and 1,000,000
5M00H	Remember Column Addition of up to Two 4-Digit Numbers
5M068	Master Adding Multiples of 1,000 (bridging 10,000)
5M069	Master Column Addition of Two 4-Digit Numbers (bridging 10,000)
5M070	Master Adding 5-Digits and 1s, 10s, 100s, 1,000s and 10,000s
5M071	Master Adding 5-Digits and up to 5-Digits (no exchange)
5M072	Master Adding 5-Digits and up to 5-Digits Using Related Facts (1 exchange)
5M073	Master Adding 5-Digits and up to 5-Digits (1 or more exchange)
Addition of Decimals (up to 2 Decimal Places)	
5M074	Master Decimal Bonds to 1 (hundredths)
5M075	Master Decimal Bonds to the Next Whole Number (hundredths)
5M076	Master Adding 0.1s and 0.01s to Decimal Numbers (no exchange)
5M077	Master Adding 0.01s to Decimal Numbers (bridging 0.1)
5M078	Master Adding 0.1s to Decimal Numbers (bridging 1)
5M079	Master Adding Decimal Numbers with No Wholes (1 exchange)
5M080	Master Adding Decimal Numbers with Wholes (1 exchange)
5M081A	Master Adding Decimal Numbers (1 exchange) A
5M081B	Master Adding Decimal Numbers (1 exchange) B
5M082A	Master Adding Decimal Numbers (more than 1 exchange) A
5M082B	Master Adding Decimal Numbers (more than 1 exchange) B

Year 5 Maths - Progression of Small Steps

5M083	Master Estimating Answers
5M084	Master Choosing the Method of Addition
Application of Addition	
5M085	Master Addition in Context
5M086	Master Addition in a Measures Context
Addition of Fractions (where the denominators are common multiples)	
5M00I	Remember Addition of Fractions
5M087	Master Adding Fractions within 1
5M088	Master Adding Fractions Bridging 1
5M089	Master Adding a Fraction to a Mixed Number
5M090	Master Adding Mixed Numbers
5M091	Master Adding Fractions Application
Subtraction of Integers	
5M00J	Remember Column Subtraction of up to Two 4-Digits Numbers
5M092	Master Subtracting 1s, 10s, 100s, 1,000s and 10,000s from 5-Digits
5M093	Master Subtracting 5-Digits and up to 5-Digits (no exchange)
5M094	Master Subtracting 5-Digits and up to 5-Digits Using Related Facts (1 exchange)
5M095	Master Subtracting up to 5-Digits and 5-Digits / 6-Digits and 5-Digits (1 or more exchange)
Subtraction of Decimals (up to 2 Decimal Places)	
5M096	Master Subtracting 0.1s and 0.01s from Decimal Numbers (no exchange)
5M097	Master Subtracting 0.01s from Decimal Numbers (bridging 0.1)
5M098	Master Subtracting 0.1s from Decimal Numbers (bridging 1)
5M099	Master Subtracting Decimal Numbers with No Wholes (1 exchange)
5M100	Master Subtracting Decimal Numbers with Wholes (1 exchange)
5M101A	Master Subtracting Decimal Numbers (1 exchange) A
5M101B	Master Subtracting Decimal Numbers (1 exchange) B
5M102A	Master Subtracting Decimal Numbers (more than 1 exchange) A
5M102B	Master Subtracting Decimal Numbers (more than 1 exchange) B
5M103	Master Estimating Answers
5M104	Master Choosing the Method of Subtraction
5M105	Master Addition and Subtraction Relationships
5M106	Master Checking Answers Using Inverse Operations
Application of Subtraction	
5M107	Master Subtraction in Context
5M108	Master Subtraction in a Measures Context
Subtraction of Fractions (where the denominators are common multiples)	
5M00K	Remember Subtraction of Fractions
5M109	Master Subtracting Fractions within 1
5M110	Master Subtracting Fractions Bridging 1
5M111	Master Subtracting a Fraction from a Mixed Number
5M112	Master Subtracting Mixed Numbers
5M113	Master Subtracting Fractions Application

Combining Addition and Subtraction Application	
5M00L	Remember Sum and Difference Questions with Pictograms and Bar Charts
5M114	Master Sum and Difference Questions with Line Graphs
5M115	Master Sum and Difference Questions with Two-Way Tables
5M116	Master Calculating Perimeter
5M117	Master Finding Angles on a Straight Line
5M118	Master Finding Angles Around a Point
5M119	Master Finding Interior and Exterior Angles of Shapes
5M120	Master Finding Durations Across Hours
5M121	Master Comparing Durations Across Hours
5M122	Master Calculating Time Across Hours
5M123	Master Solving Problems with Time
5M124	Master Duration Questions with Time Graphs
5M125	Master Solving Problems Using Timetables
5M126	Master Completing Timetables
5M127	Master The Operations and Procedure of Two-Step Problems with Addition and Subtraction
5M128	Master Two-Step Problems with Addition and Subtraction in Context
5M129	Master Two-Step Problems with Addition and Subtraction in a Measures Context
Times Tables	
5MR12	Recall Rules of Divisibility for 1 and 2
5MR13	Recall Rules of Divisibility for 5 and 10
5MR14	Recall Rules of Divisibility for 3, 6 and 9
5MR15	Recall Rules of Divisibility for 4, 8 and 12
5MR16	Recall Rules of Divisibility for 11
5MR17	Recall Rules of Divisibility for 7
Multiplication of Integers	
5M130	Master Multiples
5M131	Master Common Multiples
5M132	Master Square Numbers
5M133	Master Cube Numbers
5M134	Master Multiplying Whole Numbers by 1,000
5M135	Master Multiplying Whole Numbers by 10, 100 and 1,000
5M136	Master Multiplying Decimals by 1,000
5M137	Master Multiplying Decimals by 10, 100 and 1,000
5M138	Master Scaling Multiplication Facts by 1,000
5M139	Master Scaling Multiplication Facts by 0.1
5M140	Master Scaling Multiplication Facts by 0.01
5M141	Master Multiplying 4-Digits by 1-Digit (no exchange)
5M142A	Master Multiplying 4-Digits by 1-Digit (1 exchange) A
5M142B	Master Multiplying 4-Digits by 1-Digit (1 exchange) B
5M143	Master Multiplying 4-Digits by 1-Digit (more than 1 exchange)
5M144	Master Multiplying 2-Digits by a Multiple of 10

Year 5 Maths - Progression of Small Steps

5M145A	Master Multiplying 2-Digits by 2-Digits A
5M145B	Master Multiplying 2-Digits by 2-Digits B
5M146A	Master Multiplying 3-Digits by 2-Digits A
5M146B	Master Multiplying 3-Digits by 2-Digits B
5M147	Master Estimating Answers
5M148	Master Choosing the Method of Multiplication
Application of Multiplication	
5M149	Master Converting Lengths with Multiplication
5M150	Master Converting Mass, Capacity and Volume with Multiplication
5M151	Master Converting Imperial Units with Multiplication
5M152	Master Comparing Measures in Different Units 1
5M153	Master Multiplication in Context
5M154	Master Multiplication in a Measures Context
5M155	Master Calculating and Comparing Area of Rectangles
Multiplication of Fractions	
5M156	Master Multiplying Unit Fractions by an Integer
5M157	Master Multiplying Non-Unit Fractions by an Integer
5M158	Master Fractions as Operators
5M159	Master Multiplying Mixed Numbers by an Integer
5M160	Master Multiplying Fractions Application
Division of Integers	
5M161	Master Factors
5M162	Master Common Factors
5M163	Master Prime Numbers
5M164	Master Dividing Whole Numbers by 1,000
5M165	Master Dividing Whole Numbers 10, 100 and 1,000
5M166	Master Dividing by 1,000 (decimal answer)
5M167	Master Dividing by 10, 100 and 1,000 (decimal answer)
5M168	Master Scaling Division Facts by 1,000
5M169	Master Scaling Division Facts by 0.1
5M170	Master Scaling Division Facts by 0.01
5M171	Master Dividing 4-Digits by 1-Digit (no exchange)
5M172	Master Dividing 4-Digits by 1-Digit Using Known Facts
5M173	Master Dividing 4-Digits by 1-Digit (1 exchange)
5M174	Master Dividing 4-Digits by 1-Digit (more than 1 exchange)
5M175	Master Dividing 3-Digits by 1-Digit Using Scaled Facts (remainders)
5M176	Master Dividing 3-Digits by 1-Digit (remainders with 1 exchange)
5M177	Master Dividing 3-Digits by 1-Digit (remainders with more than 1 exchange)
5M178	Master Dividing 4-Digits by 1-Digit (remainders with 1 or more exchange)
5M179	Master Estimating Answers
5M180	Master Choosing the Method of Division
5M181	Master Multiplication and Division Relationships
5M182	Master Checking Answers Using Inverse Operations

Application of Division	
5M183	Master Converting Lengths with Division
5M184	Master Converting Mass, Capacity and Volume with Division
5M185	Master Converting Imperial Units with Division
5M186	Master Comparing Measures in Different Units 2
5M187	Master Division in Context
5M188	Master Division and Interpreting Remainders
5M189	Master Division in a Measures Context
5M190	Master Converting Minutes to Hours and Seconds to Minutes
5M191	Master Converting Months to Years and Days to Weeks
5M192	Master Comparing Times in Different Units
Combining Multiplication and Division Application	
5M193	Master The Operations and Procedure of Two-Step Problems with Multiplication and Division
5M194	Master Two-Step Problems with Multiplication and Division in Context
5M195	Master Two-Step Problems with Multiplication and Division in a Measures Context
Combining the Four Operations Application	
5M196	Master Calculating the Area of Irregular Shapes
5M197	Master Shapes with the Same Area / Same Perimeter
5M198	Master Calculating Using the Relations of Area and Perimeter
5M199	Master The Operations and Procedure of Two-Step Problems with Four Operations
5M200	Master Two-Step Problems with Four Operations in Context
5M201	Master Two-Step Problems with Four Operations in a Measures Context
Algebra	
5M202	Master Function Machines Using Four Operations
5M203	Master Function Machines Using Inverse Operations
5M204	Master Rules of Function Machines
Slider Units	
Geometry - Shape	
5M00M	Remember Properties of Shapes
5MS01	Master Drawing 2D Shapes (to millimetres)
5MS02A	Master Understanding Nets A
5MS02B	Master Reasoning with Nets B
5M00N	Remember Position in the First Quadrant
5MS03	Master Translation of a Point on a Grid
5MS04	Master Translation of a Shape on a Grid
5MS05	Master Translation with Coordinates
5MS06	Master Reflection of a Point on a Grid
5MS07	Master Reflection of a Shape on a Grid
5MS08	Master Reflection with Coordinates