



We ask for your patience whilst we build our curriculum.

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

Integer Place Value to 10,000,000	
6M00A	Remember Numbers to 1,000,000
6M001	Master 1,000,000s
6M002	Master Representing Numbers to 10,000,000
6M003	Master The Place Value of 7-Digit Numbers
6M004	Master Reading and Writing Numbers to 10,000,000
6M005	Master Standard Partitioning (7 digits)
6M006	Master Non-Standard Partitioning (7 digits)
6M007	Master Powers of 10 More and Less
6M008	Master The Number Line to 10,000,000
6M009	Master Nearest to / Furthest from to 10,000,000
6M010	Master Comparing 7-Digit Numbers
6M011	Master Ordering 7-Digit Numbers
6M00B	Remember Rounding to the Nearest 10, 100, 1,000, 10,000 and 100,000
6M012	Master Rounding to the Nearest 1,000,000
6M013	Master Rounding within 10,000,000
6M00C	Remember Roman Numerals
6M014	Master Negative Numbers (-20 to 20)
Decimal Place Value (up to 3 decimal places)	
6M00D	Remember Tenths, Hundredths and Thousandths
6M015	Master Standard Partitioning (3 Decimal Places)
6M016	Master Non-Standard Partitioning (3 Decimal Places)
6M017	Master The Number Line with Decimals
6M00E	Remember Nearest to / Furthest from with Decimals
6M018	Master Comparing Numbers with 10s, 1s and up to 3 Decimal Places
6M019	Master Ordering Numbers with 10s, 1s and up to 3 Decimal Places
6M020	Master Rounding Numbers to 2 Decimal Places
6M021	Master Rounding Decimal Numbers to Any Degree of Accuracy
Fractional Place Value	
6M00F	Remember Recognising Decimal Numbers as Fractions

Year 6 Maths - Progression of Small Steps

6M022	Master The Number Line with Fractions
6M023	Master Comparing Fractions by Denominators
6M024	Master Ordering Fractions by Denominators
6M025	Master Comparing Fractions by Numerators
6M026	Master Ordering Fractions by Numerators
Numerical Representation of Percentages	
6M027	Master The Number Line with Percentages
6M028	Master Recognising Percentages in Fractional Form
6M029	Master Recognising Percentages in Decimal Form
6M030	Master Equivalent Fractions, Decimals and Percentages
6M031	Master Ordering Fractions, Decimals and Percentages
Numerical Representation of Ratios	
6M032	Master Representing and Writing Ratios
Measurement	
6M00G	Remember Reading Scales
6M00H	Remember Measuring and Estimating Length, Mass and Capacity and Volume
6M00I	Remember Time
Geometry	
6M00J	Remember Turns, Fractions, Angles and Degrees
6M00K	Remember Measuring and Estimating Angles
6M033	Master Drawing Shapes Accurately
Statistics	
6M00L	Remember Pictograms, Bar Charts and Time Graphs
6M034	Master Interpreting and Presenting Line Graphs
6M035	Master Interpreting Conversion Graphs
6M036	Master Presenting Conversion Graphs
6M037	Master Interpreting Pie Charts
6M038	Master Presenting Pie Charts
6M039	Master Interpreting and Presenting Two-Way Tables
Counting	
Pupils should be counting on entry to Year 6 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.	
6MR01	Recall Counting in Powers of 10 from Any Number
6MR02	Recall Counting by Scaling
6MR03	Recall Counting Across 0 with Negative Numbers
6MR04	Recall Counting in Decimals
6MR05	Recall Counting in Fractions
6MR06	Recall Counting in Percentages
6MR07	Recall Counting in Measures
6MR08	Recall Counting the Volume with Cubes

Year 6 Maths - Progression of Small Steps

Addition of Integers	
6MR09	Recall Bonds to 10,000,000
6M00M	Remember Column Addition of up to Two 5-Digit Numbers
6M040	Master Adding Multiples of 100,000 (bridging 1,000,000)
6M041	Master Adding 6-Digits and a Multiple of a Power of 10
6M042	Master Adding 6-Digits and up to 6-Digits (no exchange)
6M043	Master Adding 6-Digits and up to 6-Digits Using Related Facts (1 exchange)
6M044	Master Adding 6-Digits and up to 6-Digits (1 or more exchange)
Addition of Decimals (up to 3 Decimal Places)	
6M045	Master Decimal Bonds to 1 (thousandths)
6M046	Master Decimal Bonds to the Next Whole Number (thousandths)
6M047	Master Adding 0.1s, 0.01s and 0.001s to Decimal Numbers (no exchange)
6M048	Master Adding 0.1s, 0.01s and 0.001s to Decimal Numbers (bridging 0.01, 0.1 or 1)
6M049	Master Adding Decimal Numbers with No Wholes (1 exchange)
6M050	Master Adding Decimal Numbers with Wholes (1 exchange)
6M051	Master Adding Decimal Numbers (1 or more exchange)
6M052	Master Estimating Answers
6M053	Master Choosing the Method of Addition
Application of Addition	
6M054	Master Addition in Context
6M055	Master Addition in a Measures Context
Addition of Fractions (where the denominators are not common multiples)	
6M00N	Remember Addition of Fractions
6M056	Master Adding Fractions
6M057	Master Adding a Fraction and a Mixed Number
6M058	Master Adding Mixed Numbers
6M059	Master Adding Fractions Application
Subtraction of Integers	
6M00O	Remember Column Subtraction of up to Two 5-Digits Numbers
6M060	Master Subtracting a Multiple of a Power of 10 from 6-Digits
6M061	Master Subtracting 6-Digits and up to 6-Digits (no exchange)
6M062	Master Subtracting 6-Digits and up to 6-Digits Using Related Facts (1 exchange)
2M063	Master Subtracting up to 6-Digits and 6-Digits / 7-Digits and 6-Digits (1 or more exchange)
Subtraction of Decimals (up to 3 decimal places)	
6M064	Master Subtracting 0.1s, 0.01s and 0.001s from Decimal Numbers (no exchange)
6M065	Master Subtracting 0.1s, 0.01s and 0.001s from Decimal Numbers (bridging)
6M066	Master Subtracting Decimal Numbers with No Wholes (1 exchange)
6M067	Master Subtracting Decimal Numbers with Wholes (1 exchange)
6M068	Master Subtracting Decimal Numbers (1 or more exchange)
6M069	Master Estimating Answers
6M070	Master Choosing the Method of Subtraction

Year 6 Maths - Progression of Small Steps

6M071	Master Addition and Subtraction Relationships
6M072	Master Checking Answers Using Inverse Operations
Application of Subtraction	
6M073	Master Subtraction in Context
6M074	Master Subtraction in a Measures Context
Subtraction of Fractions (where the denominators are not common multiples)	
6M00P	Remember Subtraction of Fractions
6M075	Master Subtracting Fractions
6M076	Master Subtracting a Fraction from a Mixed Number
6M077	Master Subtracting Mixed Numbers
6M078	Master Subtracting Fractions Application
Combining Addition and Subtraction Application	
6M00Q	Remember Sum and Difference Questions with Pictograms and Bar Charts
6M079	Master Sum and Difference Questions with Line Graphs and Two-Way Tables
6M080	Master Sum and Difference Questions with Conversion Graphs
6M00R	Remember Calculating Perimeter
6M00S	Remember Finding Angles
6M081	Master Angles in Scalene Triangles
6M082	Master Angles in Quadrilaterals 1
6M00T	Remember Solving Problems with Time
6M00U	Remember Interpreting and Solving Problems with Timetables
6M083	Master The Operations and Procedure of Two-Step Problems with Addition and Subtraction
6M084	Master Two-Step Problems with Addition and Subtraction in Context
6M085	Master Two-Step Problems with Addition and Subtraction in a Measures Context
Times Tables	
6M086	Master Partitioning to Find Tables Facts Beyond the 12 Times Tables
6MR10	Recall Rules of Divisibility
Multiplication of Integers	
6M00V	Remember Multiples and Common Multiples
6M00W	Remember Square and Cube Numbers
6M087	Master Multiplying Whole Numbers and Decimals by 10, 100 and 1,000
6M088	Master Flexible Scaling of Multiplication Facts 1
6M089	Master Scaling of Multiplication Facts by 0.001
6M090	Master Flexible Scaling of Multiplication Facts 2
6M00X	Remember Short Multiplication of up to 4-Digits by 1-Digit
6M091	Master Multiplying 4-Digits by 2-Digits
Multiplication of Decimals	
6M092	Master Multiplying Decimals by 1-Digit (no exchange)
6M093	Master Multiplying Decimals by 1-Digit (1 exchange)
6M094A	Master Multiplying Decimals by 1-Digit (1 exchange) A
6M094B	Master Multiplying Decimals by 1-Digit (1 exchange) B

Year 6 Maths - Progression of Small Steps

6M095A	Master Multiplying Decimals by 1-Digit (more than 1 exchange) A
6M095B	Master Multiplying Decimals by 1-Digit (more than 1 exchange) B
6M096A	Master Multiplying Decimals by 2-Digits A
6M096B	Master Multiplying Decimals by 2-Digits B
6M097	Master Estimating Answers
6M098	Master Choosing the Method of Multiplication
Application of Multiplication	
6M099	Master Doubling Decimal Numbers
6M100	Master Multiplication in Context
6M101	Master Multiplication in a Measures Context
6M00Y	Remember Calculating Area of Rectangles
6M102	Master Calculating Area of Parallelograms
6M103	Master Calculating Volume of Cubes and Cuboids
Multiplication of Fractions	
6M00Z	Remember Multiplying Fractions and Mixed Numbers by Integers
6M104	Master Multiplying Fractions by Fractions
6M105	Master Multiplying Fractions Application
Division of Integers	
6M0AA	Remember Factors and Common Factors
6M0AB	Remember Prime Numbers
6M106	Master Dividing by 10, 100 and 1,000 (including decimal answers)
6M107	Master Flexible Scaling of Multiplication Facts 1
6M108	Master Scaling of Division Facts by 0.001
6M109	Master Flexible Scaling of Multiplication Facts 2
6M0AC	Remember Short Division of up to 4-Digits by 1-Digit
6M110	Master Dividing up to 4-Digits by 1-Digits (with remainders as fractions)
6M111	Master Dividing up to 4-Digits by 1-Digits (with remainders as decimals)
6M112	Master Dividing a Fraction to Find Its Equivalent Decimal
6M113	Master Dividing 3-Digits by 2-Digit Using Known Facts
6M114	Master Dividing 4-Digits by 2-Digit Using Known Facts
6M115A	Master Long Division 3-Digits and 2-Digits A
6M115B	Master Long Division 3-Digits and 2-Digits B
6M116	Master Long Division 4-Digits and 2-Digits
6M117A	Master Long Division 3-Digits and 2-Digits (remainders) A
6M117B	Master Long Division 3-Digits and 2-Digits (remainders) B
6M118	Master Long Division 4-Digits and 2-Digits (remainders)
6M119	Master Long Division up to 4-Digits by 2-Digits (remainders as fractions /decimals)
Division of Decimals	
6M120	Master Dividing Decimals by 1-Digit (no exchange)
6M121	Master Dividing Decimals by 1-Digit Using Known Facts
6M122A	Master Dividing Decimals by 1-Digit (1 exchange) A
6M122B	Master Dividing Decimals by 1-Digit (1 exchange) B

Year 6 Maths - Progression of Small Steps

6M123A	Master Dividing Decimals by 1-Digit (more than 1 exchange) A
6M123B	Master Dividing Decimals by 1-Digit (more than 1 exchange) B
6M124	Master Estimating Answers
6M125	Master Choosing the Method of Division
6M126	Master Multiplication and Division Relationships
6M127	Master Checking Answers Using Inverse Operations
Application of Division	
6M128	Master Halving Decimal Numbers
6M129	Master Division in Context
6M130	Master Division and Interpreting Remainders
6M131	Master Division in a Measures Context
Division of Fractions	
6M132	Master Dividing Fractions by Integers 1
6M133	Master Dividing Fractions by Integers 2
6M134	Master Division of Fractions Application
Combining Multiplication and Division Application	
6M135	Master Converting between Units of Time
6M136	Master Comparing Times in Different Units
6M137	Master Converting Metric Measures
6M138	Master Converting with Imperial Measures
6M139	Master Comparing Measures in Different Units
6M140	Master Circles
6M141	Master Scaling Shapes
6M142	Master Calculating Area of Right-Angled Triangles
6M143	Master Calculating Area of Triangles
6M144	Master Fractions of Quantities
6M145	Master Percentages of Quantities Using Fractional Equivalents
6M146	Master Finding the Whole from a Given Fraction and Quantity
6M147	Master Pie Charts with Fractions
6M148	Master Finding the Whole from a Given Percentage and Quantity
6M149	Master Solving Problems with Missing Values
6M150	Master Unequal Sharing and Grouping with Ratio
6M151	Master Proportion
6M152	Master The Operations and Procedure of Two-Step Problems with Multiplication and Division
6M153	Master Two-Step Problems with Multiplication and Division in Context
6M154	Master Two-Step Problems with Multiplication and Division in a Measures Context
Combining the Four Operations Application	
6M0AD	Remember Calculating the Area of Irregular Shapes
6M155	Master Angles in Isosceles Triangles
6M156	Master Angles in Regular Polygons
6M157	Master Angles in Isosceles Triangles
6M158	Master Angles in Quadrilaterals 2

Year 6 Maths - Progression of Small Steps

6M159	Master Vertically Opposite Angles
6M160	Master Recognising Where Angles Meet
6M161	Master Finding Unknown Angles from Known Measurements
6M162	Master Percentages of Quantities Using Known Facts
6M163	Master Percentages of Quantities
6M164	Master Percentages for Proportion
6M165	Master Pie Charts with Percentages
6M166	Master Finding the Mean
6M167	Master Solving Problems Using Graphs
6M168	Master The Operations and Procedure of Two-Step Problems with Four Operations
6M169	Master Two-Step Problems with Four Operations in a Context
6M170	Master Two-Step Problems with Four Operations in a Measures Context
6M171	Master The Operations and Procedure of Three-Step Problems with Four Operations
6M172	Master Three-Step Problems with Four Operations
6M173	Master Order of Operations 1
6M174	Master Order of Operations 2
Algebra	
6M0AE	Remember Function Machines
6M175	Master One-Step Equations and Substitution with Addition and Subtraction
6M176	Master One-Step Equations and Substitution with Multiplication and Division
6M177	Master Two-Step Equations and Substitution with Four Operations
6M178	Master Equivalent Expressions
6M179	Master Writing Expressions
6M180	Master Calculating Using Expressions
6M181	Master Linear Number Sequences

Slider Units	
Geometry	
6M0AF	Remember Properties of Shape
6MS01	Mastering Nets of 3D Shapes
6M0AG	Remember Position in the First Quadrant
6M0AH	Remember Negative Numbers on a Number line
6MS02	Master Four Quadrants
6MS03	Master Completing Shapes in Four Quadrants
6MS04	Master Finding Missing Coordinates Using Shape Properties
6MS05	Master Translation of Points and Shapes on Grids
6MS06	Master Reflections Using Coordinates