

Year 5 Maths Learning Journal



Progress tracking grid

Stage	GL (Autumn term)	Autumn term assessment	Spring term assessment	Summer term assessment	End of year target
5 Mastery					
5 Secure					
5 Developing					
5 Emerging					
4 Secure					
4 Developing					
4 Emerging					
3 Secure					
3 Developing					
3 Emerging					
2 Secure					
2 Developing					
2 Emerging					
1 Secure					
1 Developing					
1 Emerging					

Assessment results (KS1 and GL)

	Standard age score (100=National expectation)	Stage/Result
KS1	n/a	
EOY 4		
Year 5 baseline GL		
End of year 5 GL		

Termly assessment results

	Paper 1- Arithmetic score	Paper 2- Reasoning and problem solving score	Overall score	%	Stage
Autumn term	/20	/30	/50		
Spring term	/20	/30	/50		
Summer term	/20	/40	/60		

	Number	Calculation	Geometry	Measures	Statistics
Mastery	<ul style="list-style-type: none"> I can round any number up to 1 000 000 to the nearest 10, 100, 1 000, 10 000 and 100 000. I can multiply mixed numbers by integers I can add and subtract mixed numbers I can compare and order fractions and mixed numbers greater than 1. I can round decimals with two decimal places to the nearest whole number and to one decimal place. I can recognise and calculate cube numbers, and the notation cubed (?) I can solve worded problems involving fractions 	<ul style="list-style-type: none"> I can solve multi step problems involving addition, subtraction, multiplication and division. I can add and subtract decimals with up to two decimal places. I can divide with remainders 	<ul style="list-style-type: none"> I can measure angles using a protractor. 	<ul style="list-style-type: none"> I can solve time problems I can convert between imperial units such as inches, pounds and pints. I can use all four operations to solve problems involving measure. I can calculate the area of compound shapes 	<ul style="list-style-type: none"> I can complete, read and interpret information in timetables.
Secure	<ul style="list-style-type: none"> I can read, write, order and compare numbers to at least 1 000 000 and give the value of each digit. I can compare and order fractions less than one. I can multiply fractions by integers I can add and subtract fractions with different denominators I can calculate equivalent fractions, decimals and percentages. I can multiply and divide whole numbers and those involving decimals by 10, 100 and 1 000 I can read, write, order and compare decimals with up to three decimal places. I can identify and investigate prime numbers I can recognise and calculate square numbers, and the notation for squared (?) I can read Roman numerals to 1 000 (M) and recognise years written in Roman numerals. 	<ul style="list-style-type: none"> I can multiply numbers up to 4 digits by two-digit number using a formal written method. I can use rounding to estimate and approximate. I can use the inverse operations I can add and subtract whole numbers with more than 4 digits, using the column method I can add and subtract decimals greater than 1 	<ul style="list-style-type: none"> I can calculate angles around a point I can name and identify regular and irregular polygons I can reflect points and shapes in a mirror line I can translate points and shapes 	<ul style="list-style-type: none"> I can convert between different units of metric measure for length I can measure and calculate the perimeter of rectilinear shapes I can estimate and compare volume I can estimate and calculate the area of irregular shapes I can convert between units of time I can estimate and compare capacity 	<ul style="list-style-type: none"> I can draw line graphs I can read and interpret line graphs, use line graphs to solve problems I can solve comparison, sum and difference problems using information presented in graphs and tables I can interpret and complete two-way tables
Developing	<ul style="list-style-type: none"> I can recognise mixed numbers and improper fractions and convert from one form to the other. I can interpret negative numbers in context and count forwards and backwards with through zero. I can identify the common factors of two numbers I can count forwards or backwards in steps of 10, 100, 1 000, 10 000 and 100 000 I can calculate fractions of an amount 	<ul style="list-style-type: none"> I can divide numbers up to 4 digits by a one-digit number using the formal written methods. I can add and subtract numbers with up to 4 digits (more than one exchange) in a column I can add and subtract decimals less than 1 	<ul style="list-style-type: none"> I can identify, estimate and compare acute, obtuse and reflex angles. I can identify lines of symmetry in shapes I can name and identify the properties of quadrilaterals. I can calculate missing lengths and angles in shapes I can calculate angles on a straight line 	<ul style="list-style-type: none"> I can measure and calculate the area of rectangles I can measure the perimeter of shapes I can convert between metric units for capacity I can convert between metric units for mass I can describe and name units of volume 	<ul style="list-style-type: none"> I can complete, read and interpret information in tables.
Emerging	<ul style="list-style-type: none"> I can identify missing numbers in calculations. I can identify multiples and factors. I can round any number up to 10,000 to the nearest 10, 100 and 1 000 I can read, write, order and compare numbers, including decimals, to 10,000 and give the value of each digit I can multiply and divide by 10 and 100 I can identify equivalent fractions I can add and subtract fractions with the same denominator 	<ul style="list-style-type: none"> I can add and subtract numbers mentally. I can add and subtract numbers with up to 4 digits (one exchange) in a column I can Multiply up to 4-digit numbers by 1-digit numbers 	<ul style="list-style-type: none"> I can name and identify the properties of triangles I can draw lines and angles accurately I can name angles I can write coordinates and plot points in the first quadrant. 	<ul style="list-style-type: none"> I can calculate the perimeter of rectangles I can calculate the perimeter of shapes drawn on a grid I can find the area of shapes by counting the squares I can describe and name units of capacity 	<ul style="list-style-type: none"> I can interpret bar charts and pictograms

How did I do on my autumn term assessments?

Paper 1 = Arithmetic paper Paper 2 = Reasoning paper

Number and place value

Reading and writing numbers and value of the digits	P1-Q12	P2-Q1	P2-Q5	P2-Q6	P2-Q7
Properties of number	P2-Q7	P2-Q10	P2-Q17		
Roman numerals	P2-Q8				
Sequences	P2-Q11				
Rounding	P1-Q5	P2-Q7			

Calculations

Times tables	P1-Q16	P2-Q10						
Addition	P1-Q1	P1-Q6	P1-Q7	P1-Q20				
Subtraction	P1-Q2	P1-Q9	P1-Q10	P1-Q15	P2-Q1	P2-Q2	P2-Q4	P2-Q15
Multiplication	P1-Q3	P1-Q8	P1-Q11	P1-Q19	P2-Q3			
Division	P1-Q4	P1-Q13	P1-Q14	P1-Q18	P2-Q3	P2-Q14		
Indices	P1-Q17							
Money word problems	P2-Q4	P2-Q14	P2-Q18					
Mixed word problems	P2-Q12	P2-Q20						

Statistics

Interpreting graphs	P2-Q13
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Algebra

Missing numbers	P2-Q16	P2-Q19
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Geometry

Area	P2-Q20
Perimeter	P2-Q9

3 areas that I need to work on are:

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How did I do on my spring term assessments?

Paper 1 = Arithmetic paper Paper 2 = Reasoning paper

Number and place value

X and \div by 10, 100, 1000	P1-Q13					
Fraction calculations	P1-Q5	P1-Q7	P1-Q10	P1-Q14	P2-Q7	P2-Q19
Equivalent fractions	P2-Q8					
Fraction, decimal and % conversions	P2-Q11	P2-Q18				
Fraction visual representations	P2-Q5	P2-Q16				
Comparing and ordering fractions	P2-Q6					
Improper and mixed number fraction conversions	P2-Q15					
Reading and writing numbers and value of the digits	P2-Q1					
Ordering numbers and decimals	P2-Q12					
Properties of number	P2-Q14					
Rounding	P2-Q17					

Measures

Measure word problems	P2-Q19
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Statistics

Interpreting graphs	P2-Q10
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Algebra

Missing numbers	P2-Q13
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Calculations

Addition	P1-Q2	P1-Q6				
Subtraction	P1-Q1	P1-Q9	P1-Q11	P1-Q17	P2-Q2	
Multiplication	P1-Q4	P1-Q8	P1-Q16	P1-Q17	P2-Q3	P2-Q4
Division	P1-Q3	P1-Q15				
Indices	P1-Q12					
Money word problems	P2-Q9	P2-Q13				
Mixed word problems	P2-Q19					

3 areas that I need to work on are:

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How did I do on my summer term assessments?

Paper 1 = Arithmetic paper Paper 2 = Reasoning paper

Number and place value

Reading and writing numbers and value of the digits	P2-Q3	P2-Q10	P2-Q11			
Improper and mixed number fraction conversions	P2-Q17					
X and \div by 10, 100, 1000	P1-Q8	P1-Q16				
Fraction calculations	P1-Q11	P1-Q12	P1-Q14	P1-Q19	P2-Q13	P2-Q20
Fractions word problems	P2-Q2					
Percentages of amounts	P2-Q20					
Properties of number	P2-Q1					
Sequences	P2-Q9					
Ordering decimals	P2-Q11					

Geometry

Properties of 2D shapes	P2-Q6
3D shapes and nets	P2-Q18
Drawing and measuring angles	P2-Q14
Calculating missing angles	P2-Q8
Naming types of lines	P2-Q4
Naming angles	P2-Q6
Area	P2-Q13
Volume	P2-Q16
Translation and reflection	P2-Q15

Calculations

Addition	P1-Q1	P1-Q9				
Subtraction	P1-Q2	P1-Q4	P1-Q18			
Multiplication	P1-Q5	P1-Q7	P1-Q10	P1-Q13	P1-Q17	P1-Q20
Division	P1-Q3	P1-Q8	P1-Q10	P1-Q15		
Mixed word problems	P2-Q2	P2-Q7	P2-Q12	P2-Q21		

Measures

Measure word problems	P2-Q19	P2-Q21
Converting between units of measure	P2-Q19	P2-Q21

3 areas that I need to work on are:

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