MATHS

Long Term Maps 2024-2025

Year 1

Autumn	**Place Value (within 10)** 6 weeks			**Addition and Subtraction (within 10)** 6 weeks		**Shape** 2 weeks	**Consolidate** 1 week
	Fluency 1NF-1 Count within 10, counting forwards and backwards, starting with any number.			Fluency 1NF-1 Add 0 to any number within 10. Add 1 or 2 to any number within 10. Doubles up to 5 + 5. Addition and subtraction facts within 10.			
Spring	**Place Value (within 20)** 3 weeks	**Addition and Subtraction (within 20)** 3 weeks	**Place Value (within 50)** 2 weeks	**Length and Height** 2 weeks	**Mass and Volume** 2 weeks		
	Fluency 1NPV-2 Reason about location of numbers to 20 within linear system, including comparing using < > and =, 'More than' 'less than' 'equal'.	Fluency 1AS-1 Compose numbers to 10 from two parts, and partition to 10 into parts, including recognising odd and even numbers.		Fluency 1AS-2 Read, write and interpret equations with + , - and = symbols, and relate to real-life contexts.			
Summer	**Multiplication and Division** 3 weeks	**Fractions** 2 weeks	**Place Value (within 100)** 2 weeks	**Position & Direction** 1 week	**Money** 1 week	**Time** 2 weeks	**Consolidate** 1 week
	Fluency 1NF-2 Count forwards and backwards in multiples of 2, 5 and 10, up to 10 multiples, beginning with any number.		Fluency 1NPV-1 Count within 100, counting forwards and backwards, starting with any number.	Fluency 1G-1 Recognise common 2D and 3D shapes presented in different orientations, and know that rectangles, triangles, cuboids and pyramids are not always similar.		Fluency 1G-2 Compose 2D and 3D shapes to match an example, including manipulating shapes to place in specific orientation.	

MATHS

Long Term Maps 2024-2025

Year 2

<table>
<tr><td rowspan="2">Autumn</td><td colspan="2">Place Value
6 weeks</td><td colspan="2">Addition and Subtraction
6 weeks</td><td>Shape
3 weeks</td></tr>
<tr><td colspan="3">Fluency 2NPV-1/Fluency 2NPV-2
Recognise place value of digits in 2-digit numbers, standard and non-standard partitioning.
Reason about locations of 2-digit numbers in linear number systems, including identifying next and previous multiple of 10.</td><td colspan="3">Fluency 2NF–1/Fluency 2AS-1
Add 0 to any number within 10/Add 1 or 2 to any number within 10
Doubles to 5 + 5/Number bonds that make 10
Doubles to 10 + 10/Number bonds within 10
Near doubles e.g. 8 + 9, 7 + 6/Add and subtract across 10.</td></tr>
<tr><td rowspan="2">Spring</td><td colspan="2">Multiplication and Division
6 weeks</td><td>Money
2 weeks</td><td colspan="2">Fractions
3 weeks</td><td>Statistics
1 week</td></tr>
<tr><td colspan="3">Fluency 2MD-1/Fluency 2MD-2
Recognising repeated additions and representing with multiplication equations within x2 x5 x10.
Relate grouping problems where number of groups is unknown to multiplication equations with a missing factor, and to division equations.</td><td colspan="3">Fluency 2AS-2
Recognise subtraction structure of ‘difference’ and answers questions on ‘How many more…?’
Add and subtract within 100 by applying 1-digit addition and subtraction facts.
Add and subtract any 2-digit numbers.</td></tr>
<tr><td rowspan="2">Summer</td><td>Length and Height
2 weeks</td><td>Mass, Capacity and Temperature
1 week</td><td>Time
1 week</td><td>SATS week
1 week</td><td>Position and Direction
2 weeks</td><td>Time - complete
2 weeks</td><td>Mass, Capacity and Temperature – complete
2 weeks</td></tr>
<tr><td colspan="7">Fluency 2G-1/Targeted fluency consolidation
Use precise language to describe the properties of 2D and 3D shapes, and compare shapes by reasoning about similarities and differences in properties.</td></tr>
</table>

MATHS

Long Term Maps 2024-2025

Year 3

<table>
<tr><td rowspan="2">Autumn</td><td colspan="2">Place Value
4 weeks</td><td colspan="2">Addition and Subtraction
7 weeks</td><td>Multiplication and Division
4 weeks</td></tr>
<tr><td colspan="5"><u>Fluency 3NF-2</u>
Recall of multiplication facts and corresponding division (5 weeks per times table with TTRS checkpoints)
x10, x5, x2 multiplication facts and related division</td></tr>
<tr><td rowspan="2">Spring</td><td>Multiplication and Division
3 weeks</td><td>Length and Perimeter
3 weeks</td><td>Fractions A
3 weeks</td><td colspan="2">Mass and Capacity
3 weeks</td></tr>
<tr><td colspan="5"><u>Fluency 3NF-2</u>
Recall of multiplication facts and corresponding division (5 weeks per times table with TTRS checkpoints)
x4, x8, x3 multiplication facts and related division</td></tr>
<tr><td rowspan="2">Summer</td><td>Fractions B
2 weeks</td><td>Money
2 weeks</td><td>Time
3 weeks</td><td>Shape
3 weeks</td><td>Statistics
2 weeks</td></tr>
<tr><td colspan="5"><u>Fluency 3NF-2/Fluency 3NF-3</u>
Recall of multiplication facts and corresponding division (5 weeks per times table with TTRS checkpoints)
x3 multiplication facts and related division/ Apply place value knowledge to known additive and multiplicative number facts (Scaling facts by 10).</td></tr>
</table>

MATHS

Long Term Maps 2024-2025

Year 4

Autumn	**Place Value** 4 weeks	**Addition and Subtraction** 4 weeks	**Area** 1 week	**Multiplication and Division A** 3 weeks	**Multiplication and Division B** 3 weeks
	Fluency 4NF-1 Recall of multiplication facts and corresponding division (5 weeks per times table with TTRS checkpoints) *x6, x9, x7 multiplication facts and related division*				
Spring	**Length and Perimeter** 2 weeks	**Fractions** 5 weeks		**Decimals A** 3 weeks	**Decimals B** 2 weeks
	Fluency 4NF-1 Recall of multiplication facts and corresponding division (5 weeks per times table with TTRS checkpoints) *x11, x12 multiplication facts and related division/consolidation*				
Summer	**Money** 2 weeks	**Time** 3 weeks	**Shape** 3 weeks	**Statistics** 2 weeks	**Position and Direction** 2 weeks
	Fluency 4NF-1/Fluency 4NF-3 Recall of all key multiplication facts and corresponding division (MTC Revision)/ Apply place value knowledge to known additive and multiplicative number facts (scaling facts by 100)				

MATHS

Long Term Maps 2024-2025

Year 5

Autumn	**Place Value** 4 weeks		**Addition and Subtraction** 3 weeks		**Multiplication and Division A** 4 weeks	**Fractions A** 4 weeks
	Fluency 5NF–1 Secure fluency in multiplication table facts, and corresponding division facts, through continued practice. *(5 weeks per times table with TTRS checkpoints - x7 x11 x12 needs consolidation)*					
Spring	**Multiplication and Division B** 3 weeks	**Fractions B** 2 weeks	**Decimals and Percentages** 3 weeks		**Perimeter and Area** 3 weeks	**Statistics** 1 week
	Fluency 5NF-1/Fluency 5NF–2 Multiplication facts consolidation/Apply place value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth)/Math Fluency – oracy tasks and Fluent in 5.					
Summer	**Statistics** 1 week	**Shape** 3 weeks	**Position and Direction** 1 week	**Decimals** 3 weeks	**Negative Numbers** 1 week	**Converting Units** 2 weeks	**Volume** 1 week
	Math Fluency– oracy tasks and efficiency of arithmetic methods (See Mathematics Guidance, 2020.)						

MATHS

Long Term Maps 2024-2025

Year 6

Autumn	**Place Value** 3 weeks	**Addition, Subtraction, Multiplication and Division** 5 weeks	**Fractions A** 3 weeks	**Fractions B** 3 weeks	**Converting Units** 1 week	
	Math fluency– recall and efficiency of arithmetic calculations (See Mathematics Guidance, 2020.) Consolidation of multiplication facts where required as afternoon interventions.					
Spring	**Decimals** 2 weeks	**Fractions, decimals and percentages** 2 weeks	**Ratio** 2 weeks	**Algebra** 2 weeks	**Area, perimeter and volume** 2 weeks	**Statistics** 2 weeks
	Math Fluency – oracy tasks and efficiency of arithmetic methods with its appliance to varied math problems. (See Mathematics Guidance, 2020.)					
Summer	**Shape** 2 weeks	**Position and Direction** 1 week	**SATs week** 1 week	**Consolidation/ Fiver Challenge Project**		
	Math Fluency – targeted efficiency of arithmetic methods/Enterprise 'Fiver Challenge' Project.					