



Maths Medium Term Plan – Year 3
Steps taken from White Rose Maths (v3.0)

AUT	1	2	3	4	5	6	7	8	9	10	11	12
Year 3	Number - Place Value			Number - Addition and Subtraction					Number - Multiplication and Division A			
Year 4	Number - Place Value			Number - Addition and Subtraction			Measurement - Area	Number - Multiplication and Division A			Consolidation	
Year 5	Number - Place Value		Number - Addition and Subtraction		Number - Multiplication and Division A			Number - Fractions A				
Year 6	Number - Place Value	Number - Addition, Subtraction, Multiplication and Division				Number - Fractions A		Number - Fractions B	Measurement - Converting Units			

Steps highlighted in red are Ready To Progress Criteria (RTP).

Autumn Term Block 1 Place Value (3 weeks/ 15 lessons)

* indicates steps that should be taught over 2 lessons

(R) indicates revision from the previous year group

Step	Learning Outcome
1 (R)	L.O. I can represent numbers to 100.
2 (R)	L.O. I can partition numbers to 100.
3 (R)	L.O. I can identify numbers to 100 on a number line.
4	L.O. I can count in multiples of 100.
5	L.O. I can represent numbers to 1000.
6	L.O. I can partition numbers to 1000.
7*	L.O. I can partition numbers to 1000 in different ways (flexible partitioning).
	Lesson 7 continued
8	L.O. I can represent numbers to 1000 with base 10 and PV counters. (repeated from step 5?)
9	L.O. I can find 1, 10 or 100 more or less than a number to 1000.
10	L.O. I can identify missing numbers to 1000 on a number line.
11	L.O. I can estimate numbers to 1000 on a numberline.
12	L.O. I can compare numbers to 1000.
13	L.O. I can order numbers to 1000.
14	L.O. I can count in multiples of 50.

Autumn Term Block 2 Addition and Subtraction (5 weeks/ 25 lessons)

* indicates steps that should be taught over 2 lessons

Step	Learning Outcome
1 (R)	L.O. I can use number bonds with 10 to find related number facts.
2	L.O. I can add and subtract 1s to/from 3-digit numbers.
3	L.O. I can add and subtract 10s to/from 3-digit numbers.
4	L.O. I can add and subtract 100s to/from 3-digit numbers.
5	L.O. I can identify which digit changes when adding/subtracting 1s, 10s and 100s.
6	L.O. I can add 1s crossing a multiple of 10.
7	L.O. I can add 10s crossing a multiple of 100.
8	L.O. I can subtract 1s crossing a multiple of 10.
9	L.O. I can subtract 10s crossing a multiple of 100.
10	L.O. I can use related number facts to find the sum or difference.
11	L.O. I can use a formal method to add numbers to 1000 with no exchange.
12	L.O. I can use a formal method to subtract numbers to 1000 with no exchange.
13	L.O. I can use a formal method to add numbers to 1000 with an exchange in the 1s column.
14*	L.O. I can use a formal method to add numbers to 1000 with an exchange in the 10s column.
	Lesson 14 continued
15*	L.O. I can use a formal method to subtract numbers to 1000 with an exchange in the 1s column.
	Lesson 15 continued
16*	L.O. I can use a formal method to subtract numbers to 1000 with an exchange in the 10s column.
	Lesson 16 continued
17	L.O. I can add 2-digit and 3-digit numbers.
18	L.O. I can subtract a 2-digit number from a 3-digit number.
19	L.O. I can find complements to 100.
20	L.O. I can estimate answers to a question.
21	L.O. I can use inverse operations to check the answers to addition and subtraction.
22	L.O. I can solve word problems using addition and subtraction.

Autumn Term Block 3 Multiplication A (4 weeks/ 20 lessons)

* indicates steps that should be taught over 2 lessons

(R) indicates revision from the previous year group

Step	Learning Outcome
1 (R)	L.O. I can carry out multiplication by organising objects into equal groups.
2 (R)	L.O. I can carry out multiplication using arrays.
3 (R)	L.O. I can identify multiples of 2.
4 (R)	L.O. I can identify multiples of 5 and 10.
5 (R)	L.O. I can identify division as grouping or sharing.
6	L.O. I can multiply by 3.
7	L.O. I can divide by 3.
8	L.O. I know the 3 times table.
9	L.O. I can multiply by 4.
10	L.O. I can divide by 4.
11	L.O. I know the 4 times table.
12	L.O. I can multiply by 8.
13	L.O. I can divide by 8.
14	L.O. I know the 8 times table.
15	L.O. I can identify the links between the 2, 4 and 8 times tables.

SP R	1	2	3	4	5	6	7	8	9	10	11	12
Y3	Number - Multiplication and Division B			Measurement - Length and Perimeter			Number - Fractions A			Measurement - Mass and Capacity		
Y4	Number - Multiplication and Division B			Measurement - Length and Perimeter		Fractions				Decimals A		
Y5	Number - Multiplication and Division B			Number - Fractions B		Number - Decimals and Percentages			Measurement - Perimeter and Area		Statistics	
Y6	Number - Ratio		Number - Algebra		Number - Decimals		Number - Fractions, Decimals and Percentages			Measurement - Area, Perimeter and Volume		Statistics

Spring Term Block 1 – Multiplication and Division B (3 weeks / 15 lessons)

* indicates steps that should be taught over 2 lessons

(R) indicates revision from the previous year group

Step	Learning Outcome
1	I can identify multiples of 10.
2	I can use related number facts to find answers.
3	I can reason with the structure of multiplication.
4	I can multiply a 2-digit number by a 1-digit number (no exchange).
5**	I can multiply a 2-digit number by a 1-digit number (with exchange).
	Lesson 5 continued
6	I can link number facts between multiplication and division.
7	I can divide a 2-digit number by a 1-digit number (no exchange)
8*	I can use flexible partitioning to divide a 2-digit number by a 1-digit number.
	Lesson 8 continued
9*	I can divide a 2-digit number by a 1-digit number with remainders.
	Lesson 9 continued
10	I can solve problems using scaling.
11	I can work systematically to find all possible combinations of a group of objects.

Spring Term Block 2 – Length and Perimeter (3 weeks / 15 lessons)

* indicates steps that should be taught over 2 lessons

(R) indicates revision from the previous year group

Step	Learning Outcome
1*	I can measure length in metres and centimetres.
	Lesson 1 continued
2	I can measure length in millimetres.
3	I can measure length in centimetres and millimetres.
4*	I can order and compare lengths in metres, centimetres, and millimetres.
	Lesson 4 continued
5	I can identify equivalent lengths in m and cm.
6	I can identify equivalent lengths in cm and mm.
7	I can compare lengths.
8	I can add lengths.
9	I can subtract lengths.
10	I can find the perimeter by counting.
11	I can find the perimeter by measuring.
12*	I can calculate perimeter.
	Lesson 12 continued

Spring Term Block 3 – Fractions A (3 weeks / 15 lessons)

* indicates steps that should be taught over 2 lessons

(R) indicates revision from the previous year group

Step	Learning Outcome
1	I understand the denominators of unit fractions.
2	I can compare and order unit fractions.
3*	I understand the numerators of non-unit fractions.
	Lesson 3 continued
4	I understand the whole.
5*	I can compare and order non-unit fractions.
	Lesson 5 continued
6*	I can identify fractions on a scale.
	Lesson 6 continued
7	I can identify fractions on a number line.
8	I can count in fractions on a number line.
9*	I can identify equivalent fractions on a number line.
	Lesson 9 continued
10*	I can identify equivalent fractions using bar models.
	Lesson 10 continued