Fierté Multi Academy Trust
Edge Hill Academy

Maths Medium Term Plan – Year 4
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).

THERE IS ONE WEEK OF CONSOLIDATION TIME BUILT INTO THE AUTUMN TERM.

Autumn Term Block 1 Place Value (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 represent numbers to 1000.
2	L.O. I can partition numbers to 1000.
3	L.O. I can identify missing numbers to 1000 on a number line.
4	L.O. I can count in multiples of 1000.
5	L.O. I can represent numbers to 10,000.
6	L.O. I can partition numbers to 10,000.
7*	L.O. I can partition numbers to 10,000 in different ways (flexible partitioning.
8	L.O. I can find 1,10,100 or 1000 more or less than a number to 10,000.
9	L.O. I can identify missing numbers to 10,000 on a number line.
10	L.O. I can estimate numbers to 10,000 on a number line.
11	L.O. I can compare numbers to 10,000.
12	L.O. I can order numbers to 10,000.
13	L.O. I can read and write roman numerals up to 500.
14*	L.O. I can round 2- and 3-digit numbers to the nearest 10.
15*	L.O. I can round 2- and 3-digit numbers to the nearest 100.
16	L.O. I can round 3- and 4-digit numbers to the nearest 1000.
17	L.O. I can round 3- and 4-digit numbers to the nearest 10, 100 and 1000.

Autumn Block 2 – Addition and Subtraction (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	L.O. I can add and subtract 1s, 10,s 100s and 1000s to/from numbers to 10,000.
2	L.O. I can add two numbers (up to 4-digits) with no exchange.
3*	L.O. I can add two numbers with one exchange.
	Lesson 3 continued
4*	L.O. I can add two numbers with more than one exchange.
	Lesson 4 continued
5	L.O. I can subtract two 4-digit numbers with no exchange.
6*	L.O. I can subtract two 4-digit numbers with one exchange.
	Lesson 6 continued
7*	L.O. I can subtract two 4-digit numbers with more than one exchange.
	Lesson 7 continued
8*	L.O. I can use efficient methods to subtract.
	Lesson 8 continued
9	L.O. I can use rounding to estimate answers.
10	L.O. I can use inverse operations to check answers.

Autumn Block 3 – Measurement - Area (1 week / 5 lessons)
* indicates steps that should be taught over 2 lessons
(R) indicates revision from the previous year group

Step	Learning Outcome
1	L.O. I understand what area is.
2	L.O. I can find area by counting squares.
3	L.O. I can draw shapes with a given area.
4*	L.O. I can compare the area of two shapes.
	Lesson 4 continued

Autumn Block 4 – Multiplication and Division 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 (R)	L.O. I can identify multiples of 3.
2	L.O. I can multiply and divide by 6.

3	L.O. I know the 6 times table multiplication and division facts.
4	L.O. I can multiply and divide by 9.
5	L.O. I know the 9 times table multiplication and division facts.
6	L.O. I can identify the links between the 3, 6 and 9 times tables.
7	L.O. I can multiply and divide by 7.
8*	L.O. I know the 7 times table multiplication and division facts.
	Lesson 8 continued
9	L.O. I know the 11 times table multiplication and division facts.
10*	L.O. I know the 12 times table multiplication and division facts.
	Lesson 10 continued
11	L.O. I can multiply by 1 and 0.
12	L.O. I can divide a number by 1 and itself.
13	L.O. I can multiply 3 numbers.

THERE IS ONE WEEK OF CONSOLIDATION TIME BUILT INTO THE AUTUMN TERM.

SPR	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 find factor pairs.
2	I can use factor pairs to carry out multiplication efficiently.
3	I can multiply integers by 10.
4	I can multiply integers by 100.
5	I can divide multiples of 10 by 10.
6	I can divide multiples of 100 by 100.
7 R	I can use related number facts to find answers.
8 R	I can use informal written methods for multiplication.

9	I can multiply a 2-digit number by a 1-digit number (formal method).
10	I can multiply a 3-digit number by a 1-digit number (formal method).
11	I can divide a 2-digit number by a 1-digit number (informal method).
12	I can divide a 2-digit number by a 1-digit number with a remainder (informal method).
13	I can divide a 3-digit number by a 1-digit number (informal method).
14 R	I can work systematically to find all possible combinations of a group of objects.
15	I can use known number facts to multiply efficiently.

Spring Term Block 2 – Length and Perimeter (2 weeks / 10 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 relationship between kilometres and metres.
2	I can find equivalent lengths (kilometres and metres).
3 R	I can find the perimeter of a shape on a grid.
4	I can calculate the perimeter of a rectangle.
5	I can calculate the perimeter of a rectilinear shape.
6	I can identify missing lengths of a rectilinear shape.
7*	I can calculate the perimeter of a rectilinear shape when there is a missing length.
	Lesson 7 continued
8	I can calculate the perimeter of a regular polygon.
9	I can calculate the perimeter of a polygon.

Spring Block 3 – Fractions (4 weeks / 20 lessons)

* indicates steps that should be taught over 2 lessons

(R) indicates revision from the previous year group

Step	Learning Outcome
1R	I understand how many parts make a whole.
2	I can count in fractions beyond 1.
3	I can partition a mixed number.
4	I can identify mixed numbers on a number line.
5	I can compare and order mixed numbers.
6	I understand what an improper fraction represents.
7	I can convert mixed numbers into improper fractions.
8	I can convert improper fractions into mixed numbers.
9	I can identify equivalent fractions beyond 1 on a number line.
10	I can identify equivalent fractions using bar models.
11	I can add two or more proper fractions.
12	I can add proper fractions and mixed numbers.
13	I can subtract fractions with the same denominator.

14	I can subtract fractions from a whole.
15	I can subtract a proper fraction from a mixed number.