Terms 1 & 2

Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7	Wk 8		Wk 1	Wk 2	Wk 3	Wk 4	Wk 5	Wk 6	Wk 7
1 – Place Value			2 – Addition and Subtraction						3 – Multiplication and Division A			4 – Mult/Div B	Assessment week?	4 – Mult/Div B	

adapted from WRM progression

Unit 1 – Place Value

Consider dropping step 14 – this is a fluency objective which will be picked up in these sessions during term 2.

Lesson	Fluency Skill / Skip Counting	Learning Objective(s)
1	x5	Represent numbers to 100
2	RECAP: Doubles up to 10 (7 + 7)	Partition numbers to 100
3	~Flashback space~	Number line to 100
4	x2, starting at higher numbers	Hundreds
5	Count in 1s across boundaries in 3-dig numbers	Represent numbers to 1,000
6	x10, starting on 3-dig numbers	Partition numbers to 1,000
7	x3	Flexible partitioning of numbers to 1,000
8	~Flashback space~	Hundreds, tens and ones
9	Count in 1s across boundaries in 3-dig numbers	Find 1, 10 or 100 more or less
10	Count in 10s across boundaries in 3-dig numbers	Number line to 1,000
11	RECAP: Number bonds to 10 (4 + 6)	Estimate on a number line to 1,000
12	RECAP: add 1-dig numbers by partitioning (8 + 6 = 8 + 2 + 4)	Compare numbers to 1,000
13	~Flashback space~	Order numbers to 1,000
14		Count in 50s

Unit 2 – Addition and Subtraction

Possibility for steps 2-4 to be combined into fewer lessons but depends on proficiency of children – best to plan it as small, incremental steps with a good deal of problem solving challenges for those who find the skill intuitive.

Step 19 is a term 6 fluency objective – could be done as a shorter lesson, potentially combined with count in 50s from place value unit?

Lesson	Fluency Skill / Skip Counting	Learning Objective(s)
1	RECAP: Number bonds to 20 (14 + 6)	Apply number bonds within 10
2	x100	Add and subtract 1s
3	Count in 10s across boundaries in 3-dig numbers	Add and subtract 10s
4	x3	Add and subtract 100s
5	~Flashback space~	Spot the pattern

6	RECAP: add 1-dig number to a 2-dig by partitioning (35 + 7 = 35 + 5 + 2)	Add 1s across a 10
7	Count in 10s across boundaries in 3-dig numbers	Add 10s across a 100
8	RECAP: Adding 9, 19 by adjusting	Subtract 1s across a 10
9	x3	Subtract 10s across a 100
10	~Flashback space~	Make connections
11	x4	Add two numbers (no exchange)
12	RECAP: near doubles of 1-dig numbers	Subtract two numbers (no exchange)
13	x4	Add two numbers (across a 10)
14	RECAP: all addition facts	Add two numbers (across a 100)
15	~Flashback space~	Subtract two numbers (across a 10)
16	x100	Subtract two numbers (across a 100)
17	RECAP: addition doubles for numbers to 20 (17 + 17)	Add 2-digit and 3-digit numbers
18	RECAP: addition doubles for numbers to 20 (17 + 17)	Subtract a 2-digit number from a 3-digit number
19	x2, starting at larger numbers	Complements to 100
20	~Flashback space~	Estimate answers
21	RECAP: corresponding halves for doubles to 20 (half of 38)	Inverse operations
22	x3	Make decisions

Unit 3 – Multiplication and Division A

Some of the times-table steps may be unnecessary, depending on the cohort's progress with times tables on Times-Table Rockstars – OL and RJ to discuss by looking at TTRS Heatmap closer to the time.

Lesson	Fluency Skill / Skip Counting	Learning Objective(s)
1	x10, x100	Multiplication – equal groups
2	x5, x50	Use arrays
3	Add 2-digit numbers by partitioning (34 + 65)	Multiples of 2
4	Subtract 2-digit numbers by partitioning (68 - 35)	Multiples of 5 and 10
5	~Flashback space~	Sharing a grouping
6	Add 2-digit numbers by partitioning (34 + 65)	Multiply by 3
7	x3	Divide by 3
8	Subtract 2-digit numbers by partitioning (68 - 35)	The 3 times-table
9	x4	Multiply by 4
10	~Flashback space~	Divide by 4
11	x4	The 4 times-table
12	Multiply 1-digit or 2-digit numbers by 10	Multiply by 8
13	x50	Divide by 8
14	Multiply 1-digit or 2-digit numbers by 100	The 8 times-table
15	~Flashback space~	The 2, 4 and 8 times-tables

Unit 4 – Multiplication and Division B

Include the grid method for multiplication in steps 4 and 5, in line with our calculation policy.

Lesson	Fluency Skill / Skip Counting	Learning Objective(s)
1	*Multiply 1-digit or 2-digit numbers by 10*	Multiples of 10
2	*Add 2-digit numbers by partitioning (34 + 65)*	Related calculations
3	*x4*	Reasoning about multiplication
4	*x3*	Multiply a 2-digit number by a 1-dig (no exchange) *include the grid method for multiplication*
5	*~Flashback space~*	Multiply 2-dig by 1-dig (with exchange) *include the grid method for multiplication*
6	*x4*	Link multiplication and division
7	*Subtract 2-digit numbers by partitioning (68 - 35)*	Divide 2-dig by 1-dig (no exchange)
8	*x3*	Divide a 2-dig number by a 1-dig (flexible partitioning)
9	*Multiply 1-digit or 2-digit numbers by 100*	Divide 2-dig by 1-dig (with remainders)
10	*~Flashback space~*	Scaling
11	*x4*	How many ways?