

Lancasterian Primary Fluency Progression Map



	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Recite numbers 10 and beyond Touch count to 5.	Name numbers in order to 10 and compare 2 numbers by saying which is more or less.	I can count to 100. I know odd and even numbers to 20.	I know number bonds to 20 and derive and use related facts up to 100. To add and subtract 10 to any number up to 100.	I know number bonds for all numbers up to 100. I can count in 50s and 100s.	I know number bonds for all numbers up to 100. Count in 25s and 1000s.	I know the multiplication and division facts for all times tables up to 12 x 12.	I know the multiplication and division facts for all times tables up to 12 x 12.
Autumn 2	Recite numbers 10 and beyond Touch count to 10.	Recognise quantities without counting up to 5 (subitise).	I can add 1 to a number. I can add 2 to a number.	I know double and halves of numbers to 20. I know near doubles to 10.	I can count in 3s. I know the multiplication and division facts for the 3 times tables (up to 12 x 3)	I can count in 6s. I know the multiplication and division facts for the 6 times tables (up to 12 x 6)	I can find factor pairs of a number.	I can identify common factors of a pair of numbers.
Spring 1	To match numerals and quantity up to 5. Use positional language inside, behind, on top	I can say 1 more than a given number up to 10.	I know my number bonds to 10.	I can count in 2s. I know the multiplication and division facts for the 2 times tables (up to 12 x 2).	I can count in 4s. I know the multiplication and division facts for the 4 times tables (up to 12 x 4)	I can count in 9s and 11s. I know the multiplication and division facts for the 9 and 11 times tables (up to 12 x 9 and 12 x 11)	I can identify prime numbers up to 20. I can recall square numbers up to 144 and their square roots.	I can identify prime numbers up to 50. Know the square roots of square numbers to 15 x 15.
Spring 2	Sort objects and say which group is more/less. Name simple shapes triangle, square, circle, rectangle.	Partition numbers to 5 into 2 groups.	I can count in 2s to 20 (relate to 2 times table) I can count in 10s to 100 (relate to 10 times table) I can count in 5s to 50 (relate to 5 times table)	I can count in 5s and 10s. I know the multiplication and division facts for the 10 and 5 times tables (up to 12x10 and 12x5).	I can count in 8s. I know the multiplication and division facts for the 8 times tables (up to 12 x 8)	I can count in 7s and 12s. I know the multiplication and division facts for the 7 and 12 times tables (up to 12 x 7 and 12 x 12)	Know the decimal and percentage equivalents of the fractions $\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{5}$ $\frac{3}{5}$ tenths and fifths	Know the decimal and percentage equivalents of the fractions $\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{5}$ $\frac{3}{5}$ tenths and fifths
Summer 1	Begin to represent numbers as marks on paper, pictures or on fingers. To be able to recognise shapes in the environment	Recall number bonds of numbers 0-10, including partitioning facts, Know some odd and even numbers to ten.	I can add 10 to a number	I can count in 3s to 36. I can count in fractions up to 10 starting from any number (for example, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2)	I can count up and down in tenths. I can recognise decimal equivalents of tenths.	I can recognise decimal equivalents of the fractions $\frac{1}{2}$ $\frac{3}{4}$ tenths and hundredths.	I know decimal number bonds to 1 and 10. Start with 1dp then progress 2 2dp.	I can name all polygons to a dodecagon, including triangle and quadrilaterals

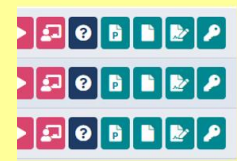
Summer 2	To compare two groups saying when the amount is the same. Talk about the shape of everyday objects e.g 'round' 'tall'.	Recite number names in order to 20. Automatically recall doubles facts up to 5+5.	I know doubles and halves of numbers to 10. I know near doubles to 5.	I am beginning to know the 3 times tables (up to 12x3)	I can multiply and divide 1 digit numbers by 10.	I can multiply and divide 1 and 2 digit numbers by 10 and 100.	I can name all triangles and quadrilaterals	I can calculate missing angles in triangles.
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Teach fluency focus > practice the rapid recall > think of related facts.

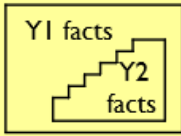
2 x 2			
3 x 2	3 x 3		
4 x 2	4 x 3	4 x 4	
5 x 2	5 x 3	5 x 4	5 x 5

Planning Support Documents

- Fluency Resources
- NCETM Mastery Examples
- NCETM Powerpoints and Teacher Guides
- NRICH Resources
- Number Bonds Challenge
- Other Maths Resources



+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8	2+9	2+10
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7	3+8	3+9	3+10
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6	4+7	4+8	4+9	4+10
5	5+0	5+1	5+2	5+3	5+4	5+5	5+6	5+7	5+8	5+9	5+10
6	6+0	6+1	6+2	6+3	6+4	6+5	6+6	6+7	6+8	6+9	6+10
7	7+0	7+1	7+2	7+3	7+4	7+5	7+6	7+7	7+8	7+9	7+10
8	8+0	8+1	8+2	8+3	8+4	8+5	8+6	8+7	8+8	8+9	8+10
9	9+0	9+1	9+2	9+3	9+4	9+5	9+6	9+7	9+8	9+9	9+10
10	10+0	10+1	10+2	10+3	10+4	10+5	10+6	10+7	10+8	10+9	10+10



- Adding 1
- Adding 2
- Bonds to 10
- Adding 0
- Doubles
- Near doubles

- This grid shows the addition facts within 10 and strategies to recall or derive them that children learn in Year 1.
- Children should also practise the corresponding subtractions.