Fluency Progression Policy - July 2022

Fluency in maths is about developing number sense and being able to use the most appropriate method for the task at hand; to be able to apply a skill to multiple contexts.

The National Curriculum states that pupils should become fluent in the fundamentals of mathematics through varied and frequent practice. While a part of this is about knowing key mathematical facts and recalling them efficiently, fluency means so much more than this as it allows pupils to delve much deeper. In order to become fluent in these skills, pupils need to be revisiting and practising them regularly.

Weekly Maths Facts

Each week, weekly maths facts will be posted onto the Google Classroom Page for your year group. This will consist of 5 key facts to be practised that week (similar to spellings).

At the start of the half term, an overview of the facts for each week is to be sent home in paper form and stuck into reading records.

Five new facts will be introduced each week, with the previous 3 weeks being tested weekly to a total of 15 facts. Tests will happen on a Monday and scores recorded. When testing, it is important to note that we are testing for quick recall. This means you should be limiting how long you give children to work out answers (only a few seconds), and you should not allow the use of concrete apparatus for support. You should also avoid asking questions in the order that they were given and should mix up the order that you test them in.

The vast majority of your class will be working on the same class facts, however you may find it more appropriate to use an adjusted list for some of your less able pupils who have gaps in their fluency skills.

In Class Fluency

In class, a ten minute daily slot is to be timetabled in (outside of your maths lesson) where the 5 key facts of that week are to be practised. This could be in the form of a game or puzzle. At times, you may also want to revisit facts from earlier weeks.

Great Linford Primary School — Year 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1		0 + 1 = 1 + 1 = 2 + 1 = 3 + 1 = 4 + 1 =	5 + 1 = 6 + 1 = 7 + 1 = 8 + 1 = 9 + 1 =	0 + 2 = 2 + 2 = 3 + 2 = 4 + 2 = 5 + 2 =	6 + 2 = 7 + 2 = 8 + 2 = 9 + 2 = 10 + 2 =	0 + 3 = 3 + 3 = 4 + 3 = 5 + 3 = 6 + 3 =	7 + 3 = 8 + 3 = 9 + 3 = 10 + 3 = 11 + 3 =
Autumn 2	__ + 1 = 10 __ + 2 = 10 __ + 3 = 10 __ + 4 = 10 __ + 5 = 10	__ + 6 = 10 __ + 7 = 10 __ + 8 = 10 __ + 9 = 10 __ + 10 = 10	10 - 1 = 10 - 2 = 10 - 3 = 10 - 4 = 10 - 5 =	10 - 6 = 10 - 7 = 10 - 8 = 10 - 9 = 10 - 10 =	10 + __ = 10 9 + __ = 10 8 + __ = 10 7 + __ = 10 6 + __ = 10	5 + __ = 10 4 + __ = 10 3 + __ = 10 2 + __ = 10 1 + __ = 10	1 + __ = 5 2 + __ = 5 3 + __ = 5 4 + __ = 5 5 + __ = 5
Spring 1	5 - 1 = __ 5 - 2 = __ 5 - 3 = __ 5 - 4 = __ 5 - 5 = __	1 + __ = 6 2 + __ = 6 3 + __ = 6 4 + __ = 6 5 + __ = 6	6 - 1 = __ 6 - 2 = __ 6 - 3 = __ 6 - 4 = __ 6 - 5 = __	1 + __ = 7 2 + __ = 7 3 + __ = 7 4 + __ = 7 5 + __ = 7	7 - 1 = __ 7 - 2 = __ 7 - 3 = __ 7 - 4 = __ 7 - 5 = __	1 + __ = 8 2 + __ = 8 3 + __ = 8 4 + __ = 8 5 + __ = 8	
Spring 2	8 - 1 = __ 8 - 2 = __ 8 - 3 = __ 8 - 4 = __ 8 - 5 = __	1 + __ = 9 2 + __ = 9 3 + __ = 9 4 + __ = 9 5 + __ = 9	9 - 1 = __ 9 - 2 = __ 9 - 3 = __ 9 - 4 = __ 9 - 5 = __	1 + 1 = 2 + 2 = 3 + 3 = 4 + 4 = 5 + 5 =	6 + 6 = 7 + 7 = 8 + 8 = 9 + 9 = 10 + 10 =	0, 2, 4, __, __, 10, 12, 14, __, __ 0, 10, 20, __, __ 50, 60, 70, __, __	
Summer 1	0, 5, 10, __, __ 25, 30, 35, __, ___ 16, 18, 20, __, ___ 80, 90, 100, __,__	6 + 1 = 16 + 1 = 26 + 1 = 36 + 1 = 46 + 1 =	7 + 1 = 17 + 1 = 27 + 1 = 37 + 1 = 47 + 1 =	8 + 1 = 18 + 1 = 28 + 1 = 38 + 1 = 48 + 1 =	9 + 1 = 19 + 1 = 29 + 1 = 39 + 1 = 49 + 1 =	59 + 1 = 69 + 1 = 79 + 1 = 89 + 1 = 99 + 1 =	
Summer 2	10 - 1 = 20 - 1 = 30 - 1 = 40 - 1 = 50 - 1 =	60 - 1 = 70 - 1 = 80 - 1 = 90 - 1 = 100 - 1 =	Double 1 Double 2 Double 3 Double 4 Double 5	Double 6 Double 7 Double 8 Double 9 Double 10	Half of 2 Half of 4 Half of 6 Half of 8 Half of 10	Half of 12 Half of 14 Half of 16 Half of 18 Half of 20	

Great Linford Primary School — Year 2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1		0 + __ = 10 1 + __ = 10 2 + __ = 10 3 + __ = 10 4 + __ = 10	5 + __ = 10 6 + __ = 10 7 + __ = 10 8 + __ = 10 9 + __ = 10	0 + __ = 20 1 + __ = 20 2 + __ = 20 3 + __ = 20 4 + __ = 20	5 + __ = 20 6 + __ = 20 7 + __ = 20 8 + __ = 20 9 + __ = 20	10 + __ = 20 11 + __ = 20 12 + __ = 20 13 + __ = 20 14 + __ = 20	15 + __ = 20 16 + __ = 20 17 + __ = 20 18 + __ = 20 19 + __ = 20
Autumn 2	0 x 2 = 1 x 2 = 2 x 2 = 3 x 2 = 4 x 2 =	5 x 2 = 6 x 2 = 7 x 2 = 8 x 2 = 9 x 2 =	10 x 2 = 11 x 2 = 12 x 2 = 2 ÷ 2 = 4 ÷ 2 =	6 ÷ 2 = 8 ÷ 2 = 10 ÷ 2 = 12 ÷ 2 = 14 ÷ 2 =	16 ÷ 2 = 18 ÷ 2 = 20 ÷ 2 = 22 ÷ 2 = 24 ÷ 2 =	Double 2 Double 3 Double 4 Double 5 Double 6	Double 7 Double 8 Double 9 Double 10 Double 11
Spring 1	0 x 10 = 1 x 10 = 2 x 10 = 3 x 10 = 4 x 10 =	5 x 10 = 6 x 10 = 7 x 10 = 8 x 10 = 9 x 10 =	10 x 10 = 11 x 10 = 12 x 10 = 10 ÷ 10 = 20 ÷ 10 =	30 ÷ 10 = 40 ÷ 10 = 50 ÷ 10 = 60 ÷ 10 = 70 ÷ 10 =	80 ÷ 10 = 90 ÷ 10 = 100 ÷ 10 = 110 ÷ 10 = 120 ÷ 10 =	Half of 2 Half of 4 Half of 6 Half of 8 Half of 10	
Spring 2	0 x 5 = 1 x 5 = 2 x 5 = 3 x 5 = 4 x 5 =	5 x 5 = 6 x 5 = 7 x 5 = 8 x 5 = 9 x 5 =	10 x 5 = 11 x 5 = 12 x 5 = 5 ÷ 5 = 10 ÷ 5 =	15 ÷ 5 = 20 ÷ 5 = 25 ÷ 5 = 30 ÷ 5 = 35 ÷ 5 =	40 ÷ 5 = 45 ÷ 5 = 50 ÷ 5 = 55 ÷ 5 = 60 ÷ 5 =	Half of 12 Half of 14 Half of 16 Half of 18 Half of 20	
Summer 1	100 - 10 = 100 - 20 = 100 - 30 = 100 - 40 = 100 - 50 =	100 - 60 = 100 - 70 = 100 - 80 = 100 - 90 = 100 - 100 =	2 + 1 = 3 + 2 = 4 + 3 = 5 + 4 = 6 + 5 =	7 + 6 = 8 + 7 = 9 + 8 = 10 + 9 = 11 + 10 =	Double 10 Double 20 Double 30 Double 40 Double 50	Half of 20 Half of 40 Half of 60 Half of 80 Half of 100	
Summer 2	1/4 of 4 1/4 of 8 1/4 of 12 1/4 of 16 1/4 of 20	1/3 of 3 1/3 of 6 1/3 of 9 1/3 of 12 1/3 of 15	15 + 5 = 25 + 5 = 35 + 5 = 45 + 5 = 55 + 5 =	The month after... January March June August October	1 metre = _ cm £1 = ___ p 1 min = __ seconds 1 hour = _ minutes 1 day = __ hours	Sides of... Triangle Circle Square Pentagon Rectangle	

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1		0 + __ = 100 10 + __ = 100 20 + __ = 100 30 + __ = 100 40 + __ = 100	50 + __ = 100 60 + __ = 100 70 + __ = 100 80 + __ = 100 90 + __ = 100	100 - 0 = 100 - 10 = 100 - 20 = 100 - 30 = 100 - 40 =	100 - 50 = 100 - 60 = 100 - 70 = 100 - 80 = 100 - 90 =	5 + ___ = 100 15 + ___ = 100 25 + ___ = 100 35 + ___ = 100 45 + ___ = 100	55 + ___ = 100 65 + ___ = 100 75 + ___ = 100 85 + ___ = 100 95 + ___ = 100
Autumn 2	0 x 3 = 1 x 3 = 2 x 3 = 3 x 3 = 4 x 3 =	5 x 3 = 6 x 3 = 7 x 3 = 8 x 3 = 9 x 3 =	10 x 3 = 11 x 3 = 12 x 3 = 3 ÷ 3 = 6 ÷ 3 =	9 ÷ 3 = 12 ÷ 3 = 15 ÷ 3 = 18 ÷ 3 = 21 ÷ 3 =	24 ÷ 3 = 27 ÷ 3 = 30 ÷ 3 = 33 ÷ 3 = 36 ÷ 3 =	Double 2 Double 3 Double 4 Double 5 Double 6	Double 7 Double 8 Double 9 Double 11 Double 12
Spring 1	0 x 4 = 1 x 4 = 2 x 4 = 3 x 4 = 4 x 4 =	5 x 4 = 6 x 4 = 7 x 4 = 8 x 4 = 9 x 4 =	10 x 4 = 11 x 4 = 12 x 4 = 4 ÷ 4 = 8 ÷ 4 =	12 ÷ 4 = 16 ÷ 4 = 20 ÷ 4 = 24 ÷ 4 = 28 ÷ 4 =	32 ÷ 4 = 36 ÷ 4 = 40 ÷ 4 = 44 ÷ 4 = 48 ÷ 4 =	Half of 12 Half of 14 Half of 16 Half of 18 Half of 20	
Spring 2	0 x 8 = 1 x 8 = 2 x 8 = 3 x 8 = 4 x 8 =	5 x 8 = 6 x 8 = 7 x 8 = 8 x 8 = 9 x 8 =	10 x 8 = 11 x 8 = 12 x 8 = 8 ÷ 8 = 16 ÷ 8 =	24 ÷ 8 = 32 ÷ 8 = 40 ÷ 8 = 48 ÷ 8 = 56 ÷ 8 =	64 ÷ 8 = 72 ÷ 8 = 80 ÷ 8 = 88 ÷ 8 = 96 ÷ 8 =	Half of 22 Half of 24 Half of 26 Half of 28 Half of 30	
Summer 1	£1 = ___p 1m = __cm 1 hour = __ mins 1 day = __hours 1 min = __ secs	Triangle sides = Pentagon sides = Octagon sides = Hexagon sides = Rectangle sides =	Half of 10 Half of 20 Half of 30 Half of 40 Half of 50	Half of 60 Half of 70 Half of 80 Half of 90 Half of 100	1/4 + 1/4 1/5 + 1/5 1/4 + 2/4 1/5 + 2/5 2/5 + 2/5	1/10 = 0.1 3/10 = 0.3 5/10 = 0.5 8/10 = 0.8 9/10 = 0.9	
Summer 2	Roman numerals 1 = 2 = 3 = 4 = 5 =	Roman numerals 6 = 7 = 8 = 9 = 10 =	Days in... January February March April May	Days in... June July August September October	Days in... November December A year A leap year Weeks in a year	100cm = _m 10mm = _cm 1000m = 1km 1000g = 1kg 1000ml = 1litre	

Great Linford Primary School — Year 4

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1		0 x 3 = 1 x 3 = 2 x 3 = 3 x 3 = 4 x 3 =	5 x 3 = 6 x 3 = 7 x 3 = 8 x 3 = 9 x 3 =	0 x 4 = 1 x 4 = 2 x 4 = 3 x 4 = 4 x 4 =	5 x 4 = 6 x 4 = 7 x 4 = 8 x 4 = 9 x 4 =	0 x 8 = 1 x 8 = 2 x 8 = 3 x 8 = 4 x 8 =	5 x 8 = 6 x 8 = 7 x 8 = 8 x 8 = 9 x 8 =
Autumn 2	0 x 6 = 1 x 6 = 2 x 6 = 3 x 6 = 4 x 6 =	5 x 6 = 6 x 6 = 7 x 6 = 8 x 6 = 9 x 6 =	0 x 9 = 1 x 9 = 2 x 9 = 3 x 9 = 4 x 9 =	5 x 9 = 6 x 9 = 7 x 9 = 8 x 9 = 9 x 9 =	0 x 7 = 1 x 7 = 2 x 7 = 3 x 7 = 4 x 7 =	5 x 7 = 6 x 7 = 7 x 7 = 8 x 7 = 9 x 7 =	0 x 11 = 1 x 11 = 2 x 11 = 3 x 11 = 4 x 11 =
Spring 1	5 x 11 = 6 x 11 = 7 x 11 = 8 x 11 = 9 x 11 =	10 x 11 = 11 x 11 = 12 x 11 = 12 x 12 = 0 x 12 =	1 x 12 = 2 x 12 = 3 x 12 = 4 x 12 = 5 x 12 =	6 x 12 = 7 x 12 = 8 x 12 = 9 x 12 = 10 x 12 =	2 x 2 = 3 x 3 = 4 x 4 = 5 x 5 = 6 x 6 =	7 x 7 = 8 x 8 = 9 x 9 = 11 x 11 = 12 x 12 =	
Spring 2	3 x 4 = 3 x 7 = 3 x 8 = 3 x 9 = 3 x 12 =	4 x 6 = 4 x 7 = 4 x 8 = 4 x 9 = 4 x 12 =	6 x 6 = 6 x 7 = 6 x 8 = 6 x 9 = 6 x 12 =	7 x 6 = 7 x 7 = 7 x 8 = 7 x 9 = 7 x 12 =	8 x 6 = 8 x 7 = 8 x 8 = 8 x 9 = 8 x 12 =	9 x 6 = 9 x 7 = 9 x 8 = 9 x 9 = 9 x 12 =	
Summer 1	12 x 6 = 12 x 7 = 12 x 8 = 12 x 9 = 12 x 12 =	6 ÷ 6 = 12 ÷ 6 = 18 ÷ 6 = 24 ÷ 6 = 30 ÷ 6 =	36 ÷ 6 = 42 ÷ 6 = 48 ÷ 6 = 54 ÷ 6 = 60 ÷ 6 =	66 ÷ 6 = 72 ÷ 6 = 7 ÷ 7 = 14 ÷ 7 = 21 ÷ 7 =	28 ÷ 7 = 35 ÷ 7 = 42 ÷ 7 = 49 ÷ 7 = 56 ÷ 7 =	63 ÷ 7 = 8 ÷ 8 = 16 ÷ 8 = 24 ÷ 8 = 32 ÷ 8 =	
Summer 2	40 ÷ 8 = 48 ÷ 8 = 56 ÷ 8 = 64 ÷ 8 = 72 ÷ 8 =	Double 15 Double 25 Double 35 Double 45 Double 55	Half of 30 Half of 50 Half of 70 Half of 90 Half of 110	Pentagon sides = Hexagon sides = Octagon sides = Triangle sides = Rectangle sides =	0.1 x 10 = 0.2 x 10 = 0.3 x 10 = 0.4 x 10 = 0.5 x 10 =	0.6 x 10 = 0.7 x 10 = 0.8 x 10 = 0.9 x 10 = 1.1 x 10 =	

Great Linford Primary School — Year 5

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1		0 x 8 = 1 x 8 = 2 x 8 = 3 x 8 = 4 x 8 =	5 x 8 = 6 x 8 = 7 x 8 = 8 x 8 = 9 x 8 =	0 x 6 = 1 x 6 = 2 x 6 = 3 x 6 = 4 x 6 =	5 x 6 = 6 x 6 = 7 x 6 = 8 x 6 = 9 x 6 =	0 x 9 = 1 x 9 = 2 x 9 = 3 x 9 = 4 x 9 =	5 x 9 = 6 x 9 = 7 x 9 = 8 x 9 = 9 x 9 =
Autumn 2	0 x 7 = 1 x 7 = 2 x 7 = 3 x 7 = 4 x 7 =	5 x 7 = 6 x 7 = 7 x 7 = 8 x 7 = 9 x 7 =	0 x 11 = 1 x 11 = 2 x 11 = 3 x 11 = 4 x 11 =	5 x 11 = 6 x 11 = 7 x 11 = 8 x 11 = 9 x 11 =	10 x 11 = 11 x 11 = 12 x 11 = 12 x 12 = 0 x 12 =	1 x 12 = 2 x 12 = 3 x 12 = 4 x 12 = 5 x 12 =	6 x 12 = 7 x 12 = 8 x 12 = 9 x 12 = 10 x 12 =
Spring 1	1^2 2^2 3^2 4^2 5^2	6^2 7^2 8^2 9^2 10^2	$\sqrt{1}$ $\sqrt{4}$ $\sqrt{9}$ $\sqrt{16}$ $\sqrt{25}$	$\sqrt{36}$ $\sqrt{49}$ $\sqrt{64}$ $\sqrt{81}$ $\sqrt{100}$	102 x 10 102 x 100 102 x 1000 10.2 x 10 10.2 x 100	204 x 10 204 x 100 204 x 1000 20.4 x 10 20.4 x 100	
Spring 2	7 x 8 = 70 x 8 = 70 x 80 = 700 x 8 = 700 x 80 =	6 x 7 = 60 x 7 = 60 x 70 = 600 x 7 = 600 x 70 =	1m = ___mm 1m = __ cm 1km = ___m 1litre = ___ml 1kg = ___g	100,000 - 1 100,000 - 10 100,000 - 100 100, 000 - 1000 100, 000 - 10,000	The first 5 prime numbers	Next 5 primes after 11	
Summer 1	1 - 0.9 1 - 0.8 1 - 0.7 1 - 0.6 1 - 0.5	1 - 0.4 1 - 0.3 1 - 0.2 1 - 0.1 1 - 0.01	1/2 = □ /4 1/4 = □ /8 1/2 = □ /10 1/3 = □ /6 1/5 = □ /10	Half of 100,000 Half of 10,000 Half of 1000 Half of 100 Half of 1	1/4 of 100,000 1/4 of 10,000 1/4 of 1000 1/4 of 100 1/4 of 1	3/4 of 100,000 3/4 of 10,000 3/4 of 1000 3/4 of 100 3/4 of 1	
Summer 2	1 - 0.25 1 - 0.75 1 - 0.35 1 - 0.85 1 - 0.45	0.1m = __cm 0.1km = __m 0.1L = ___ml 0.1kg = __g 0.1cm = __mm	0.25 as a fraction 0.75 as a fraction 0.2 as a fraction 0.5 as a fraction 0.05 as a fraction	0.25 as a % 0.5 as a % 0.75 as a % 0.3 as a % 0.2 as a %	3.4 ÷ 10 3.4 ÷ 100 3.4 ÷ 1000 304 ÷ 10 304 ÷ 100	206 ÷ 10 206 ÷ 100 206 ÷ 1000 20.6 ÷ 10 20.6 ÷ 100	

Great Linford Primary School — Year 6

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1		6 x 8 = 7 x 8 = 8 x 8 = 9 x 8 = 12 x 8 =	6 x 6 = 7 x 6 = 8 x 6 = 9 x 6 = 12 x 6 =	7 x 7 = 9 x 7 = 12 x 7 = 12 x 9 = 12 x 11 =	60 x 80 = 700 x 8 = 80 x 80 = 900 x 80 = 120 x 80 =	600 x 600 = 70 x 60 = 80 x 60 = 900 x 6 = 1200 x 60 =	0.7 x 7 = 0.9 x 7 = 1.2 x 7 = 0.12 x 9 = 1.2 x 1.1 =
Autumn 2	Roman numerals 150 2305 938 484 2048	Time 12hr to 24hr 01.00pm 03.00pm 02.00am 11.00pm 09.00pm	1m = ___mm 1m = ___ cm 1km = ___m 1litre = ___ml 1kg = ___g	0.1m = __cm 0.1km = __m 0.1L = ___ml 0.1kg = __g 0.1cm = __mm	1/2 of 100,000 1/2 of 1,000,000 1/2 of 500,000 1/2 of 5,000,000 1/2 of 50,000	1/4 of 100,000 1/4 of 1,000,000 1/4 of 500,000 1/4 of 5,000,000 1/4 of 50,000	3/4 of 100,000 3/4 of 1,000,000 3/4 of 500,000 3/4 of 5,000,000 3/4 of 50,000
Spring 1	1,000,000 - 10 1,000,000 - 100 1,000,000 - 1000 1,000,000 - 50 1,000,000 - 500	Mixed to improper 2 1/3 5 2/8 3 3/4 4 3/7 5 1/12	Improper to mixed 38/6 12/4 8/3 25/9 20/8	Simplify 4/12 8/32 3/24 12/24 15/18	1/2 = __% 1/4 = __% 1/10 = ___% 3/4 = __% 1/5 = __%	Fraction to decimal 1/5 = 1/10 = 3/4 = 1/2 = 1/4 =	
Spring 2	Degrees in... Right angle Obtuse angle Acute angle Reflex angle Straight line	Value of 5 in... 1,543,200 1,205,406 1,252,307 241.25 12.045	Reviewing Facts identified as gaps	Reviewing Facts identified as gaps	Reviewing Facts identified as gaps	Reviewing Facts identified as gaps	
Summer 1	Reviewing Facts identified as gaps						
Summer 2	Reviewing Facts identified as gaps						