



Counting and Multiplication Fact Progression

These progression maps aim to support practise of counting and times tables.

This is separate to the long term plan for the curriculum as this is to support discrete teaching, daily counting practise or support Active Number teaching.

Counting						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Count to 20 – forwards and backwards Verbally count beyond 20 - recognising the pattern of the counting system	Count to and across 100 – forwards and backwards Beginning at 0 or 1 or from any given number Count in multiples of 2s, 5s and 10s from different multiples	Count in steps of 2, 3 and 5 from 0 and in 10s from any given number, forward and backward Count up to and beyond 100 Count in fractions up to 10 using the $\frac{1}{2}$ and $\frac{2}{4}$ equivalence	Count from 0 in multiples of: 4, 8, 50 and 100 Count up and down in tenths	Count from 0 in multiples of: 6, 7, 9 and 25 Count forwards and backwards through zero to include negative numbers Count down through hundredths	Count forwards and backwards in steps of powers of 10 Count forwards and backwards with positive and negative whole numbers including through 0 Count forwards and backwards using simple fractions	Practice objectives from previous years



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Ideas for teaching counting		Different contexts for counting	Visual aids for counting	
Counting ladder	What am I counting in?	Single steps	Number line	Number track
Chanting	[Teacher counts, children work	Multiples	100 square	Beads
Spot my error	out	Use a rule	Bead string	Tape measure or metre stick
Pass the parcel	the rule. Can they continue the	Missing numbers	Objects	Clocks
Count in a sequence	pattern?]	Odds or evens	Number tiles	Measuring jugs
Pendulum counting	Counting stick	Fractions	Real money	Thermometer
[multilink cube on a string]	[Attach numbers, then remove]	Units of time	Shapes (using sides)	Calculator
Speed counting	Counting to a beat	Millilitres/litres	Counting stick	Pictures
Missing number sequences	Counting tennis	Centimetres/metres	IWB	Fingers
How many beats? (Each beat	[Teacher says 5, children return	Grams/kilograms	Base 10	Multilink/counters
represents a count. Children to	10, teacher then says 15 etc.]	Decimals	Bundles of straws	Digit cards
count in their head]	Fizz Buzz	Negative numbers/temperature	Real life packaging showing	
Action counting	Use shapes	Percentages	arrays	
Estimate and count	[Triangles in 3s, squares in 4s	Ordinals		
[When counting estimated	etc.]	Money		
objects, place the objects in	Count coins in a pot			
rows of 10]	[Drop in one by one]			
Sing counting songs	Count using constant function on			
	a calculator			



Multiplication Facts						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Double facts within 10	Count in twos, five and tens	x2 x5 x10	x2 x3 x4 x5 x8 x10	Recall all multiplication facts up to 12x12	Continue to practice up to 12x12	Continue to practice up to 12x12

Times Table Rockstars

All children from Years 1 – Years 6 will have access to TT Rockstars for in school challenges and home learning of times tables.

Year 4 Multiplication Check

Year 4 children will also have access practise for the multiplication times table check using TT Rockstars and a similar programme. The results are monitored closely by the class teacher throughout the year.