



## Mill Lane Community Primary School

### Counting and Multiplication Fact Progression

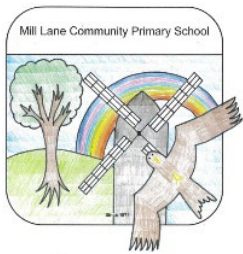
These progression maps aim to support practice of counting and times tables.  
This is separate to the long-term plan for the curriculum as this is to support discrete teaching and daily counting and times tables practice.

<b>Counting</b>						
<b>EYFS</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>
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 the rule. Can they continue the	Use a rule	Bead string	Tape measure or metre stick
Pass the parcel	pattern?)	Missing numbers	Objects	Clocks
Count in a sequence	Counting stick	Odds or evens	Number tiles	Measuring jugs
Pendulum counting	(Attach numbers, then remove)	Fractions	Real money	Thermometer
(multilink cube on a string)	Counting to a beat	Units of time	Shapes (using sides)	Calculator
Speed counting	Counting tennis	Millilitres/litres	Counting stick	Pictures
Missing number sequences	(Teacher says 5, children return	Centimetres/metres	IWB	Fingers
How many beats? (Each beat	10, teacher then says 15 etc.)	Grams/kilograms	Base 10	Multilink/counters
represents a count. Children to	Fizz Buzz	Decimals	Bundles of straws	Digit cards
count in their head)	Use shapes	Negative numbers/temperature	Real life packaging showing	
Action counting	(Triangles in 3s, squares in 4s	Percentages	arrays	
Estimate and count	etc.)	Ordinals		
(When counting estimated	Count coins in a pot	Money		
objects, place the objects in	(Drop in one by one)			
rows of 10)	Count using constant function on			
Sing counting songs	a calculator			



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

### **Times Table Practice**

All children from Years 2 - Years 6 will practice the times tables relevant for their year group in a variety of ways, including online games, counting and singing songs, arrays and pictorial representations.

### **Year 4 Multiplication Check**

Year 4 children will also use Purple Mash to practice for the multiplication times table check. The results are monitored closely by the class teacher throughout the year. Results from the Multiplication Check will be published in your child's end of year report.