

Corvedale's Sense of Number and Key Recall Facts - September 2023

Designed to support the development of the mental skills that underpin mathematics, it is important that the children know these thoroughly.. When children have quick access to such a bank of facts which incur little cost to working memory, they have more capacity to think about more complex problems that draw on these facts. Each year group is allocated key facts to focus on throughout the year, in line with age related expectations.

YR	Y1	Y2	Y3	Y4	Y5	Y6	Y6+
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Autumn 1 Number - subitising, facts & bonds

Recognise the numbers 1-5	Number Sense Subitising 1 - 10 Facts and strategies within 10	Number Sense Know all number bonds to 10	Know all number bonds to 20.	Know all number bonds of/to 50	Know all number bonds of 100	Know all decimals that total 1 or 10 (1 dp) Know the two place decimal complements of 1	Know all previous number bonds including decimals. Know the 2dp complements of 1
	Count forward and backward in steps of 2, 5 and 10. 1NF-2	Know multiplication and division facts for 2x table.	Know multiplication and division facts for 4x table.	Know multiplication and division facts for 7x table.	Revisit multiplication and division facts for 6x table.	Use place value and all multiplication and division facts for the times tables up to 12 x 12, to derive x and ÷ of small multiples of 10 and 100 (e.g. 30 x 900; 8100 ÷ 9)	

Autumn 2 Doubles and halves

Recognise the numbers 6-10	Know doubles of all numbers to 10 and halves of even numbers to 10.	Know doubles of all numbers to 20 and halves of even numbers to 20.	Know doubles all whole numbers between 1 & 50. Know the halves of even numbers to 50	Know doubles all whole numbers between 1 & 100. Know the halves of even numbers to 100	Know doubles of all whole numbers to 100 & all multiples of 10 to 1000 Know the halves of <u>all</u> numbers to 100	Know the doubles of all numbers to 1000 Know the halves of all numbers to 500.	Know the doubles and halves of all numbers to 1000 Know 2x 2÷ of numbers with 1 decimal place
	Count forward and backward in steps of 2, 5 and 10. 1NF-2	Know multiplication and division facts for 5x table.	Know multiplication and division facts for 3x table.	Know multiplication and division facts for 12x table.	Revisit multiplication and division facts for 8s & 9s x table.	Use place value and all multiplication and division facts for the times tables up to 12 x 12, to derive x and ÷ of small multiples of 10 and 100 (e.g. 30 x 900; 8100 ÷ 9)	

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Spring 1 Money

Be able to partition numbers to 5 into two groups.	Know all the coins and be able to make values up to 20p	Know all the coins and be able to make values up to 50p/£1	Know all the coins and be able to make values up to £5	Know all the coins and bank notes and be able to make values up to £10. Give change from £1 (5p & 10p)	Give change for amounts up to £1 (all amounts)	Give change for amounts up to £10 (all amounts)	
	Count forward and backward in steps of 2, 5 and 10. 1NF-2	Know multiplication and division facts for 10x table.	Know multiplication and division facts for 6x table.	Know multiplication and division facts for 11x table.	Revisit multiplication and division facts for 7x table.	Use place value and all multiplication and division facts for the times tables up to 12 x 12, to derive x and ÷ of small multiples of 10 and 100 (e.g. 30 x 900; 8100 ÷ 9)	

Spring 2 Telling the Time

Begin to know the days of the week and months of the year.	Tell the time: o'clock and half past	Tell the time: $\frac{1}{4}$ to and $\frac{1}{4}$ past	Tell time: to the nearest 5 minutes	Tell time: to the nearest 1 minute	Read analogue, digital & 24-hour clocks	Read train/bus timetables	Read train/bus timetables
	Count forward and backward in steps of 2, 5 and 10. 1NF-2	Know multiplication and division facts for 1x table.	Know multiplication and division facts for 9x table.	Know the product of all squares to 12 x 12	Know the tests for divisibility for 2, 3, 4, 6, 8 and 9.	Use place value and all multiplication and division facts for the times tables up to 12 x 12, to derive x and ÷ of small multiples of 10 and 100 (e.g. 30 x 900; 8100 ÷ 9)	

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Summer 1 +/- facts & metric conversions

	Know all addition and subtraction facts for all numbers between 0 and 10. 1NF-1	Make the next 10 and then	Read scales/number lines marked in multiples of 100 with 2,4,5 and 10 equal parts 3NPV-4	Read scales/number lines marked in multiples of 1000 with 2,4,5 and 10 equal parts 4NPV-4	Convert between units of measure - mm/ cm, cm/m, mm/m, ml/l, g/kg 5NPV-5	Recall metric conversions	Recall metric conversions
	Count forward and backward in steps of 2, 5 and 10. 1NF-2	Know multiplication and division facts for 0x table.	Know multiplication and division facts for 8x table.	Revise multiplication and division facts for all times tables.	Revisit multiplication and division facts for 12x table.	Use place value and all multiplication and division facts for the times tables up to 12 x 12, to derive x and ÷ of small multiples of 10 and 100 (e.g. 30 x 900; 8100 ÷ 9)	

Summer 2 Shape Fractions Decimals Percentages

Recognise common 2D	Recognise common 2D and 3D shapes 1G-1	Recognise common 2D and 3D shapes and describe their properties 2G-1	Find unit fractions of quantities using known division facts	Know the fractions (unit & non-unit - $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, tenths and fifths) of an amount to 100	Know the decimal equivalents of the fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, $\frac{1}{3}$, $\frac{2}{3}$, fifths tenths and eighths	Calculate 50% 25% 10% 5% of amounts to £1000	Calculate percentages of amounts to £1000 Calculate % discounts
	Count forward and backward in steps of 2, 5 and 10. 1NF-2	Revise multiplication and division facts for 0x 1x 2x 5x & 10x tables.	Revise multiplication and division facts for 4x 3x 6x 9x & 8x tables.	Y4 Test (Multiplication Tables Check)	Revise multiplication and division facts for all tables.	Use place value and all multiplication and division facts for the times tables up to 12 x 12, to derive x and ÷ of small multiples of 10 and 100 (e.g. 30 x 900; 8100 ÷ 9)	