

CHRIST CHURCH NEW MALDEN

MATHS PASSPORT

4



BECOMING THE PEOPLE GOD MADE US TO BE

Target	Example
I can count in multiples of 6	<i>e.g. 6, 12, 18, 24 etc</i>
I can count in multiples of 7	<i>e.g. 7, 14, 21, 28 etc</i>
I can count in multiples of 9	<i>e.g. 9, 18, 27, 36 etc</i>
I can count in multiples of 25	<i>e.g. 25, 50, 75, 100 etc</i>
I can count in multiples of 1000	<i>e.g. 1000, 2000, 3000, 4000 etc</i>
I can find 1000 more than a number	<i>e.g. 1000 more than 6789 is 7789</i>
I can find 1000 less than a number	<i>e.g. 1000 less than 16354 is 15354</i>
I can count backwards through zero to include negative numbers	<i>e.g. 18, 12, 6, 0, -6, -12 etc</i>
I can count up and down in hundredths	<i>e.g. 1/100, 2/100, 3/100, 4/100 or 0.01, 0.02, 0.03, 0.04 etc</i>
I can read Roman numerals from I to C	<i>See back page</i>
I know my x6 table	<i>All x6 table to 12x6 What is six multiplied by 8? ... or 4x6=?</i>
I know related division facts for the 6x table	<i>What is 42 divided by six? or 42÷6=?</i>
I know my x7 table	<i>All x7 table to 12x7 What is seven multiplied by 9?... or 7x5=?</i>
I know related division facts for the 7x table	<i>What is 21 divided by seven?... or 35÷7=?</i>
I know my x9 table	<i>All x9 table to 12x9 What is nine multiplied by 4?... or 9x6=?</i>

I know related division facts for the 9x table	<i>What is 72 divided by nine?... or $63 \div 9 = ?$</i>
I know my x11 table	<i>All x11 table to 12×11 What is eleven multiplied by 6?... or $11 \times 3 = ?$</i>
I know related division facts for the 11x table	<i>What is 88 divided by eleven?... or $121 \div 11 = ?$</i>
I know my x12 table	<i>All x12 table to 12×12 What is twelve multiplied by 8?... or $12 \times 6 = ?$</i>
I know related division facts for the 12x table	<i>What is 72 divided by twelve?... or $48 \div 12 = ?$</i>
I can multiply any number by 100	<i>$768 \times 100 = 76800$</i>
I can divide any number by 100	<i>$542 \div 100 = 5.42$</i>
I know how many m in a km, g in a kg, ml in l	<i>$1000\text{m} = 1\text{km}$ $1000\text{g} = 1\text{kg}$ $1000\text{ml} = 1\text{l}$</i>
I know how many minutes in an hour	<i>$60 \text{ minutes} = 1 \text{ hour}$</i>
I can read the time on a 24 hour digital clock	
I relate fractions to their decimals	<i>Know common fractions as decimals, e.g. $\frac{1}{2} = 0.5$, $\frac{1}{4} = 0.25$, $\frac{3}{4} = 0.75$, $\frac{1}{5} = 0.2$</i>
I can double any number with 1 decimal place	<i>Double decimals by partitioning, e.g. 12.6, double 12 is 24, double 0.6 is 1.2 so double 12.6 is $24 + 1.2 = 25.2$</i>
I can halve any number with up to 1 decimal place	<i>Halve decimals by partitioning, e.g. half of 12.6, half of 12 is 6, half of 0.6 is 0.3 so half of 12.6 is $6 + 0.3 = 6.3$...</i>
I know decimal number bonds to 1 up to one decimal place	<i>Know decimal numbers that add up to 1, e.g. $0.1 + 0.9$, $0.2 + 0.8$, $0.3 + 0.7$, $0.4 + 0.6$...</i>
I know decimal number bonds to 10 up to one decimal place	<i>Know decimal numbers that add up to 10, e.g. $0.9 + 9.1$, $1.5 + 8.5$, $2.7 + 7.3$...</i>

Roman Numbers

1	I	40	XL
2	II	50	L
3	III	60	LX
4	IV	70	LXX
5	V	80	LXXX
6	VI	90	XC
7	VII	100	C
8	VIII	200	CC
9	IX	300	CCC
10	X	400	CD
11	XI	500	D
12	XII	600	DC
13	XIII	700	DCC
14	XIV	800	DCCC
15	XV	900	CM
16	XVI	1000	M
17	XVII	5000	\bar{V}
18	XVIII	10000	\bar{X}
19	XIX	50000	\bar{L}
20	XX	100000	\bar{C}
30	XXX	500000	\bar{D}
40	XL	1000000	\bar{M}