

Reception

Should be able to:	Must be able to:
	<ul style="list-style-type: none"> Count reliably with numbers from 1 to 20 Recognise numbers 1-20 and place numbers in order Say which number is one more or one less than a given number to 20

Year One

Should be able to:	Must be able to:
<ul style="list-style-type: none"> Add & subtract two numbers using the correct symbols within 20 Know by heart addition and subtraction facts to 20 & use bonds to at least 20 	<ul style="list-style-type: none"> Write numbers from 0-9 with correct formation Count at least 100 objects reliably Count on and back in ones, twos, fives and tens Can double up to $10 + 10$ Read, write & order numbers from 0 to at least 100 Say what is one more & one less than a given number to 100

Year Two

Should be able to:	Must be able to:
<ul style="list-style-type: none"> Know all number pairs to 100 using 'ten' numbers Can double all numbers up to 10 and halve all even numbers up to 20 Quick recall of $\times 2$, $\times 5$ and $\times 10$ and division facts Tell time to half & quarter hour 	<ul style="list-style-type: none"> Count to over 100 Explain value of digits (up to 3 digits) Read, write & order numbers up to 100 Count on and back in twos, threes, fives & tens from any number Know by heart addition and subtraction facts to 20 & use all bonds to 10

Year Three

Should be able to:	Must be able to:
<ul style="list-style-type: none"> Add and subtract mentally up to 3 digit numbers Add and subtract one digit and two digit numbers using the column method 	<ul style="list-style-type: none"> Read, write and order numbers to 1000 and know value the of each digit Find 10 or 100 more or less than a given number

<ul style="list-style-type: none"> • Know by heart x3, x4, x8 (and division facts) • Complete simple divisions, e.g. 27 divided by 5 • Find simple fractions, e.g. $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{10}$ of shapes & amounts • Use all four formal written methods (addition, subtraction, multiplication and division) • Use £.p and know value of amounts 	<ul style="list-style-type: none"> • Know by heart addition & subtraction facts to 20 • Quick recall of x2, x5 and x10 and division facts
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Year Four

Should be able to:	Must be able to:
<ul style="list-style-type: none"> • Count up and down in tenths and hundredths • Know by heart all times tables to 12x12 (and division facts) • New multiplication and division facts in Y4 are x6 x7 x9 x11 and x12 • Round numbers (up to 3 digits) to nearest 10, 100 or 1000 • Add and subtract mentally pairs of two digit numbers • Multiply and divide 2-digit numbers by 10 or 100 • Divide (up to 4 digits) numbers by 10 or 100 • Multiply and divide numbers up to 100 by 2, 3, 4 or 5 and find remainders • Identify pairs of fractions that total a whole and equivalent fractions 	<ul style="list-style-type: none"> • Read, write and order numbers to 10,000, and know value of each digit • Count in sixes, sevens, nines, twenty-fives and thousands and count back past zero on a number line • Use all four formal written methods (addition, subtraction, multiplication and division)

Year Five

Should be able to:	Must be able to:
<ul style="list-style-type: none"> • Calculate halves & doubles of decimals (to 1dp) • Round numbers with 1 or 2dp to nearest integer • Use division to find fractions of a number • Know the % and decimals of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$ and $\frac{4}{5}$ and any fractions with a denominator which is a multiple of 10 or 25 • Mentally add and subtract increasingly large numbers • Know by heart all multiplication and division facts to 12x12 	<ul style="list-style-type: none"> • Read, write and order numbers to 3dp; know value of each digit up to 1,000,000 • Multiply & divide positive integers up to 1,000,000 by powers of 10 • Order sets of positive and negative integers • Use all four formal written methods (addition, subtraction, multiplication and division) • Use method for long multiplication

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| <ul style="list-style-type: none"> • Identify multiples and factor pairs of a number and identify common factors of 2 numbers • Use long multiplication and long division with increasingly large number | |
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Year Six

Should be able to:	Must be able to:
<ul style="list-style-type: none"> • Work out which fraction is larger/smaller by cancelling common factors • Recall equivalences between fractions, decimals and percentages • Use appropriate written methods • Use pencil & paper methods & mental methods to add & subtract decimals • Multiply and divide fractions • Divide numbers and record the remainder as a decimal to 2dp • Round answers to a given degree of accuracy 	<ul style="list-style-type: none"> • Multiply and divide integers and decimals mentally by powers of 10 • Use tables to work with decimals (to 1dp) • Use multiplication facts to derive squares of numbers to 12x12 • Order mixed set of numbers (up to 3dp) • Work out simple % and fractions of whole numbers • Use formal methods for long multiplication and division.