

Mathematics: Planning and Assessment from National Curriculum Year 3 (part 1)

Steps 22 to 24

129 Stars

21 KPIs

Step 21 must have been attained	Step	22, Entering Y3	23, Developing Y3	24, Secure Y3	The 3 divisions within each statement, annotated as stars, are an indication of the depth of pupil understanding, not the number of times observed. The number of stars routinely required for a step to be achieved is given for consistency and moderation purposes. A step should only be awarded if achievement is spread across a range of different areas of learning.
	Typical attainment time	Autumn Y3	Spring Y3	Summer Y3	
	Stars routinely required	35	71	106, including all underlined KPIs	

For statements to be completely embedded they should be demonstrated in a range of contexts and subject areas if applicable.

Number & Place Value	B	P	E	Addition & Subtraction	B	P	E	Multiplication & Division	B	P	E		
	★	★	★		★	★	★		★	★	★	★	
<ul style="list-style-type: none"> ❖ <u>Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.</u> ❖ <u>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).</u> ❖ Compare and order numbers up to 1000. ❖ Identify, represent and estimate numbers using different representations. ❖ Read and write numbers up to 1000 in numerals and in words. ❖ <u>Solve number problems and practical problems involving these ideas.</u> 				<ul style="list-style-type: none"> ❖ <u>Add and subtract numbers mentally, including:</u> <ul style="list-style-type: none"> ◆ <u>a three-digit number and ones;</u> ◆ <u>a three-digit number and tens;</u> ◆ <u>a three-digit number and hundreds.</u> ❖ Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction. ❖ Estimate the answer to a calculation and use inverse operations to check answers. ❖ Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. 				<ul style="list-style-type: none"> <i>Recall and use multiplication and division facts for the;</i> <ul style="list-style-type: none"> ◆ <u>3x table;</u> ◆ <u>4x table;</u> ◆ <u>8x table.</u> ❖ <u>Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to written methods.</u> ❖ Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects. 					

★ B = Beginning to

★ P = Progressing

★ E = Embedded