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| Year 2ES | End of year expectations for mental calculation | End of year expectations for written methods and problem solving | Written strategies/ recordings/methods/images | Vocabulary& Links |
| * Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, connecting the2, 5 and 10 multiplication tables to each other
* Connect the 10 multiplication table to place value
* Recognise odd and even numbers
* Show that multiplication of two numbers can be done in any order

(commutative)* Use a variety of language to describe multiplication and division
* Apply doubling of numbers up to ten to doubling larger numbers
 | * Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
* Begin to use other multiplication tables and recall facts to perform written calculations
* Use a range of materials and contexts … including arrays and repeated addition

Fractions* write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1 /2
* *Begin to relate multiplication and division models to fractions and measures*
 |     | * + solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and

 multiplication and  division facts, including  problems in context* + *Use commutative law and inverse relations to develop multiplicative reasoning (e.g. 4 x 5 = 20 and 20 ÷ 5 = 4)*
	+ Statistics—interpret and construct simple pictograms, tally charts and block diagrams
	+ Measurement— counting 5 minute intervals on a clock face
	+ Place value count in steps of 2, 3 and 5 from 0 and in tens from any number, forwards and backwards
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