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| Year 2  ES | 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 |