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| Year 2  ES | End of year expectations for mental calculations | End of year expectations for written methods and problem solving | Written strategies/ recordings/methods/images | Vocabulary  &  Links |
| * Add numbers using concrete objects, pictorial representations, and mentally, including: * a 2-digit number and ones * a 2-digit number and tens * two 2-digit numbers * adding three 1-digit numbers * Recall and use addition and subtraction facts to 20 facts fluently, and derive and use related facts up to 100 * Demonstrate the commutative law of addition * Counting in fractions up to 10, starting from any number and using the 1/2 and 2/4 equivalence on the number line | * Partition and re‐partition numbers * Use a hundred square * Check calculations using inverse and by adding numbers in different order * Begin to record addition in columns to support place value and prepare for formal written methods with larger numbers |  | •Solve problems:   * Using concrete objects, pictorial representations (numbers, quantities & measures) * Applying increasing knowledge of mental & written methods * Partition numbers in different ways * Discuss and solve problems that emphasise the value of each digit in 2-digit numbers * Develop the concept of addition and subtraction and … use these operations flexibly. |