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| Year 2ES | 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.
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