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| EYFS  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 |
| * Count reliably up to 20 * Begin to relate addition to combining two groups of objects * Add two 1-digit numbers * Use more/less than to compare 2 numbers and quantities * Find 1 more/less than any number to 10 * Partition numbers to 5 into 2 groups * Know all number bonds to 10 * Use of games, songs and practical activities to count in 2s, 5s and 10s * Begin using vocabulary of addition: double/half etc * Solve simple word problems using their fingers and objects | * Make a record in pictures, words or symbols of addition activities already carried out. * Construct number sentences to go with practical activities | Mostly pictorial representations:  X X X X X X X  X X X  Concrete apparatus models the addition of 3 objects and 2 objects by combining set  Simple number tracks to count up on:  6  5  4  1  2  3    [http://blogs-images.forbes.com/bethhoffman/files/2012/04/Apple.jpghttp://blogs-images.forbes.com/bethhoffman/files/2012/04/Apple.jpg](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://www.forbes.com/sites/bethhoffman/2012/04/23/five-reasons-to-eat-organic-apples-pesticides-healthy-communities-and-you/&ei=gnFHVZbVNMHSaKTugOgF&bvm=bv.92291466,d.d2s&psig=AFQjCNE8B8poQjSl12cHvGALwJumt4OuGw&ust=1430831854928160) What is 1 more than 4?  **1 + 1 = 2**  **+**    Can find one more to ten.  [http://blogs-images.forbes.com/bethhoffman/files/2012/04/Apple.jpg](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://www.forbes.com/sites/bethhoffman/2012/04/23/five-reasons-to-eat-organic-apples-pesticides-healthy-communities-and-you/&ei=gnFHVZbVNMHSaKTugOgF&bvm=bv.92291466,d.d2s&psig=AFQjCNE8B8poQjSl12cHvGALwJumt4OuGw&ust=1430831854928160)  **=** | groups, sets, how many, how much, double, altogether, how many more than, how many more to make, hold the number |

1. [](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0CAcQjRw&url=http://www.forbes.com/sites/bethhoffman/2012/04/23/five-reasons-to-eat-organic-apples-pesticides-healthy-communities-and-you/&ei=gnFHVZbVNMHSaKTugOgF&bvm=bv.92291466,d.d2s&psig=AFQjCNE8B8poQjSl12cHvGALwJumt4OuGw&ust=1430831854928160)