

Number bonds catch up plan

The letters before each set of slides link to a given stage in the plan:

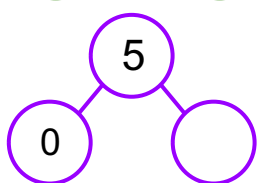
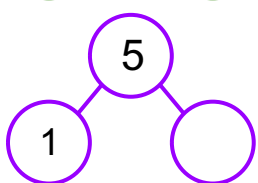
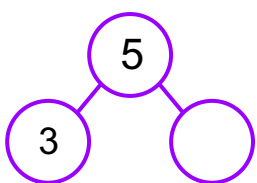
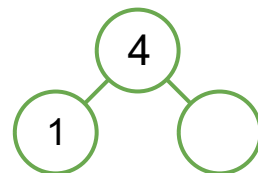
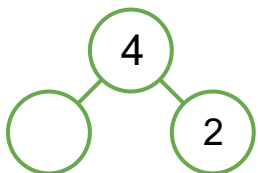
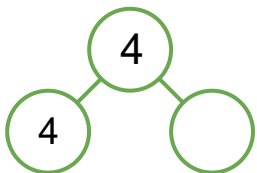
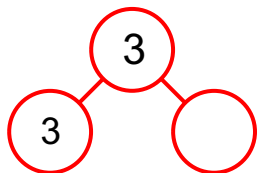
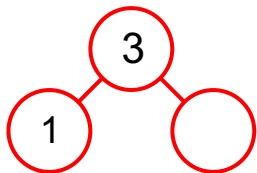
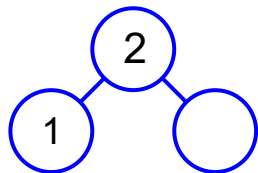
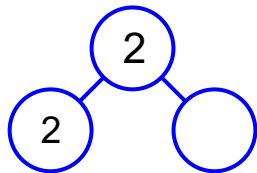
[Link to planning](#)

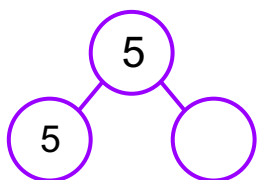
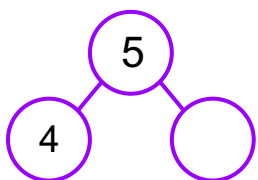
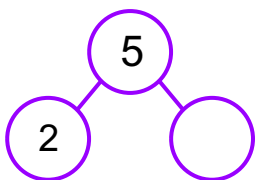
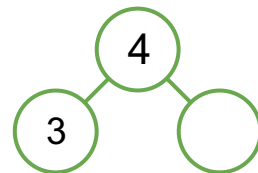
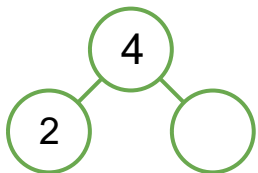
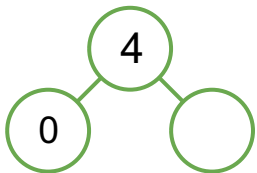
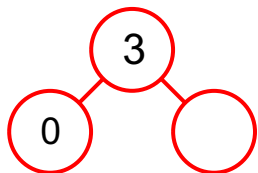
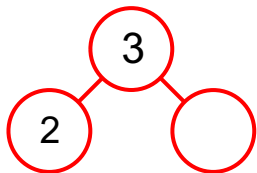
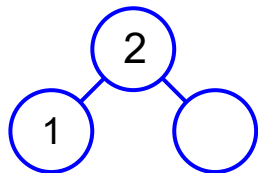
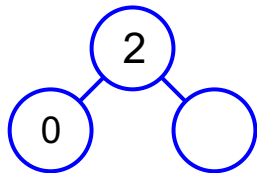
Do not move on to the next stage of the plan until the vast majority of the class are relatively fluent with the current stage. (In this case, this means children are not counting on or back in order to calculate.)

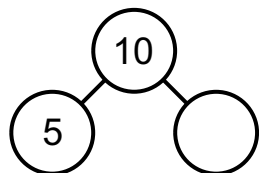
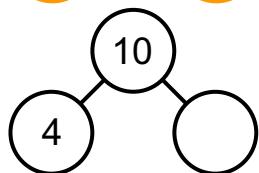
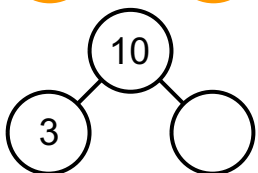
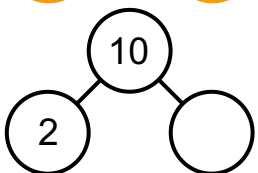
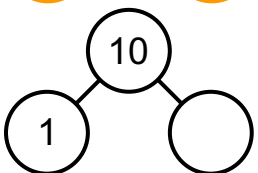
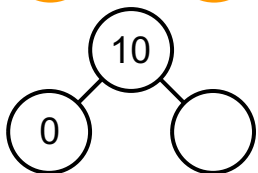
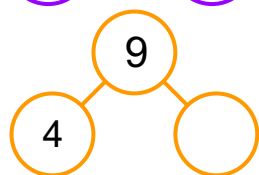
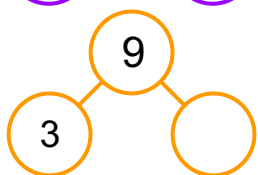
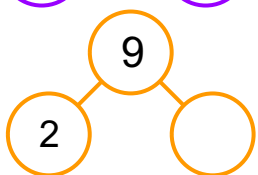
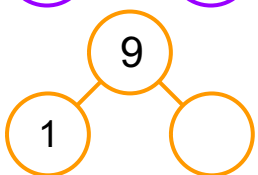
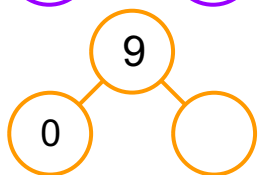
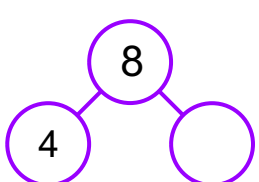
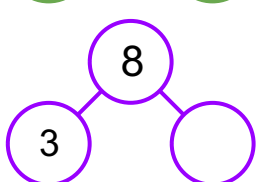
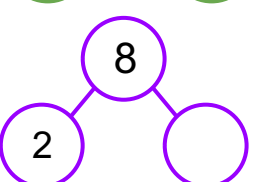
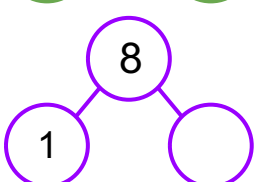
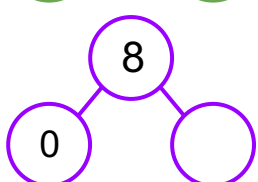
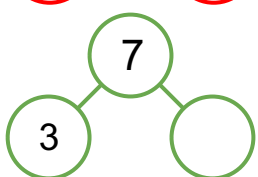
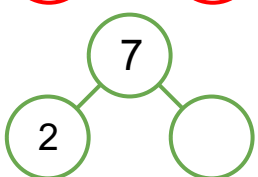
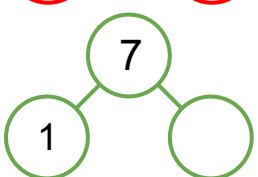
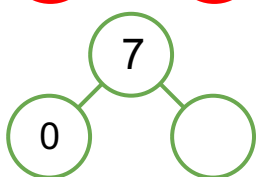
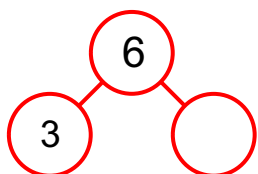
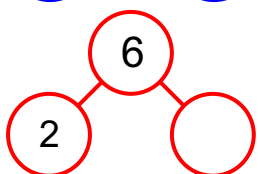
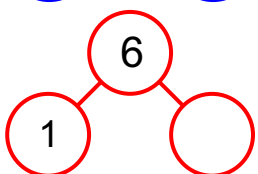
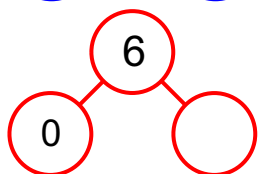
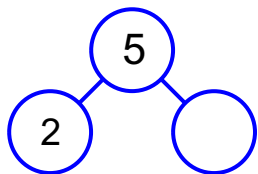
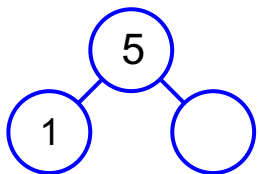
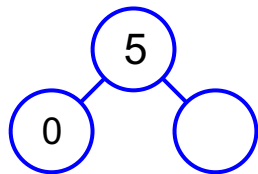
NB: this step-by-step practice should be used to build on solid foundations of number sense developed using manipulatives. In each case, these are the practice tasks that allow plenty of repetition; they are not a replacement for the teaching that comes before this. Please follow the link to the planning above for an explanation of how this resource can be used for little-and-often practice.

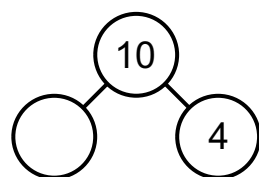
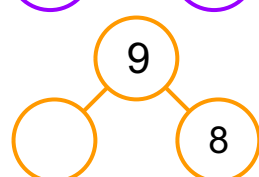
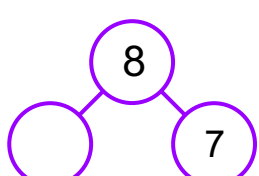
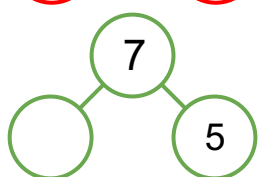
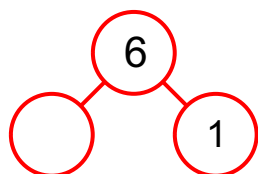
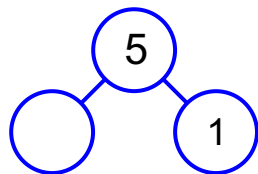
intro (where required)

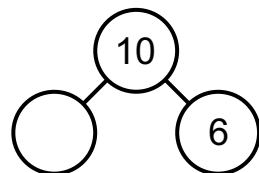
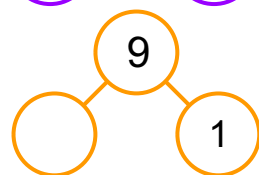
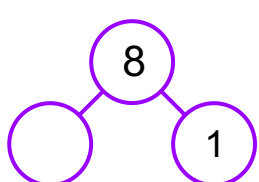
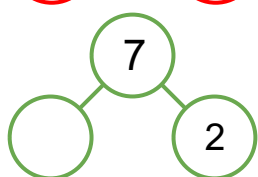
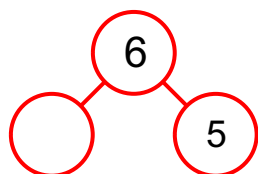
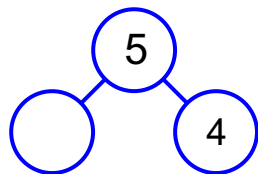
(a)











(b)

$3 + 6 =$

$2 + 4 =$

$5 + 3 =$

$7 + 1 =$

$0 + 9 =$

$5 + 4 =$

$3 + 3 =$

$2 + 8 =$

$4 + 4 =$

$2 + 0 =$

$6 + 4 =$

$1 + 4 =$

$3 + 7 =$

$4 + 3 =$

$8 + 1 =$

$1 + 5 =$

$2 + 3 =$

$5 + 2 =$

$2 + 7 =$

$6 + 1 =$

$4 + 2 =$

$3 + 5 =$

$1 + 7 =$

$4 + 0 =$

$6 + 2 =$

$4 + 6 =$

$4 + 1 =$

$3 + 2 =$

$2 + 5 =$

$7 + 2 =$

$5 + 5 =$

$7 + 3 =$

$3 + 4 =$

$0 + 8 =$

$5 + 1 =$

$9 + 1 =$

$4 + 5 =$

$3 + 3 =$

(c)

$9 - 6 =$

$6 - 4 =$

$8 - 3 =$

$8 - 1 =$

$10 - 0 =$

$9 - 4 =$

$6 - 3 =$

$10 - 8 =$

$10 - 4 =$

$8 - 6 =$

$10 - 4$

$=$

$5 - 4 =$

$10 - 7 =$

$7 - 3 =$

$9 -$

$1 =$

$6 - 0 =$

$5 - 3 =$

$7 - 2 =$

$9 - 7 =$

$7 - 1 =$

$6 - 2 =$

$8 - 5 =$

$8 - 7 =$

$8 - 4 =$

$8 - 2 =$

$10 - 6 =$

$=$

$5 - 0 =$

$5 - 2 =$

$7 - 5 =$

$9 - 2 =$

$10 - 5 =$

$10 - 3 =$

$10 - 4 =$

$9 - 8 =$

$6 - 0 =$

$10 - 1 =$

$9 - 5 =$

$6 - 3 =$

(d)

$10 + 2 =$

$10 + 3 =$

$8 + 10 =$

$10 + 6 =$

$10 + 9 =$

$4 + 10 =$

$3 + 10 =$

$10 + 5 =$

$6 + 10 =$

$5 + 10 =$

$10 + 4 =$

$7 + 10 =$

$10 + 1 =$

$10 + 7 =$

$3 + 10 =$

$10 + 5 =$

$6 + 10 =$

$10 + 8 =$

$2 + 10 =$

$9 + 10 =$

$10 + 2 =$

$10 + 3 =$

$8 + 10 =$

$10 + 1 =$

$10 + 7 =$

$1 + 10 =$

$5 + 10 =$

$10 + 4 =$

(e)

$$13 + 1 =$$

=

$$2 + 17 =$$

$$11 + 2 =$$

$$1 + 14$$

$$2 + 15 =$$

=

$$18 + 1 =$$

$$1 + 12 =$$

$$16 + 2$$

$$13 + 2 =$$

=

$$1 + 17 =$$

$$11 + 1 =$$

$$2 + 14$$

$$1 + 15$$

=

$$18 + 2 =$$

$$2 + 12 =$$

$$16 + 1$$

$$10 + 1 =$$

$$11 + 1 =$$

$$14 + 1$$

$$2 + 15 =$$

=

$$18 + 1 =$$

$$1 + 12 =$$

$$16 + 2$$

$$13 + 1 =$$

=

$$2 + 17 =$$

$$11 + 2 =$$

$$1 + 14$$

$$1 + 15 =$$

=

$$18 + 2 =$$

$$2 + 12 =$$

$$16 + 1$$

$$13 + 2 =$$

=

$$1 + 17 =$$

$$11 + 1 =$$

$$2 + 14$$

$$10 + 1 =$$

$$11 + 1 =$$

$$14 + 1$$

(f)

double 4 =

double 7 =

5 + 5 =

8 + 8 =

double 6 =

double 5 =

4 + 4 =

9 + 9 =

6 + 6 =

double 9 =

7 + 7 =

double 8 =

double 6 =

double 5 =

4 + 4 =

9 + 9 =

double 4 =

double 7 =

5 + 5 =

8 + 8 =

7 + 7 =

double 8 =

6 + 6 =

double 9 =

(g)

6 + 5 → double ____ + ____ →

8 + 7 → double ____ + ____ →

4 + 5 → double ____ + ____ →

6 + 7 → double ____ + ____ →

9 + 8 → double + →

8 + 9

→

double ____ + ____

→

7 + 6

→

double ____ + ____

→

5 + 6

→

double ____ + ____

→

7 + 8

→

double ____ + ____

→

5 + 4

→

double +

→

(h)

7 + 5 → double ____ + ____ →

8 + 6 → double ____ + ____ →

7 + 9 → double ____ + ____ →

6 + 8 → double ____ + ____ →

5 + 7 → double + →

5 + 7 → double ____ + ____ →

9 + 7 → double ____ + ____ →

7 + 5 → double ____ + ____ →

8 + 6 → double ____ + ____ →

7 + 9 → double + →

(i)

$9 + 3$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$5 + 9$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$9 + 7$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$2 + 9$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$9 + 4$

 $\rightarrow$

$10 +$

 $\rightarrow$

$4 + 9$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$9 + 6$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$3 + 9$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$9 + 5$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$7 + 9$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$

(j)

$8 + 3$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$5 + 8$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$8 + 7$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$6 + 8$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$8 + 4$

 $\rightarrow$

$10 +$

 $\rightarrow$

$7 + 8$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$8 + 6$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$4 + 8$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$8 + 5$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$ $\underline{\quad}$

$3 + 8$

 $\rightarrow$

$10 + \underline{\quad}$

 $\rightarrow$

(k)

$3 + 9 =$

$7 + 8 =$

$5 + 3 =$

$6 + 7 =$

$9 + 7 =$

$5 + 6 =$

$8 + 8 =$

$7 + 4 =$

$6 + 6 =$

$8 + 5 =$

$9 + 9 =$

$3 + 6 =$

$9 + 4 =$

$7 + 7 =$

$4 + 6 =$

$6 + 9 =$

$2 + 9 =$

$5 + 5 =$

$3 + 7 =$

$9 + 5 =$

$6 + 6 =$

$4 + 3 =$

$7 + 5 =$

$8 + 8 =$

$4 + 5 =$

$8 + 6 =$

$5 + 5 =$

$9 + 3 =$

$8 + 7 =$

$3 + 5 =$

$7 + 6 =$

$7 + 9 =$

$6 + 5 =$

$8 + 8 =$

$4 + 7 =$

$6 + 6 =$

$5 + 8 =$

$9 + 9 =$

(I)

$$12 - 9 =$$

$$15 - 8 =$$

$$8 - 3 =$$

$$13 - 7 =$$

$$16 - 7 =$$

$$11 - 6 =$$

$$16 - 8$$

$$=$$

$$11 - 4 =$$

$$12 - 6 =$$

$$13 - 5 =$$

$$18 - 9$$

$$=$$

$$9 - 6 =$$

$$13 - 4 =$$

$$14 - 7 =$$

$$10 - 6$$

$$=$$

$$15 - 9 =$$

$$11 - 9 =$$

$$10 - 5 =$$

$$10 - 7$$

$14 - 5 =$

$12 - 6 =$

$7 - 3 =$

$12 - 5 =$

$16 - 8 =$

$9 - 5 =$

$14 - 6 =$

$=$

$10 - 5 =$

$12 - 3 =$

$15 - 7 =$

$8 - 5 =$

$13 - 6 =$

$16 - 9 =$

$11 - 5 =$

$16 - 8 =$

$=$

$11 - 7 =$

$12 - 6 =$

$13 - 8 =$

$18 - 9 =$

(m)

$3 + 9 =$

$7 + 8 =$

$5 + 3 =$

$6 + 7 =$

$16 - 7 =$

$11 - 6 =$

$16 - 8$

$=$

$11 - 4 =$

$6 + 6 =$

$8 + 5 =$

$9 + 9 =$

$3 + 6 =$

$13 - 4 =$

$14 - 7 =$

$10 - 6$

$=$

$15 - 9 =$

$2 + 9 =$

$5 + 5 =$

$3 + 7 =$

$14 - 5 =$

$12 - 6 =$

$7 - 3 =$

$12 - 5 =$

$8 + 8 =$

$4 + 5 =$

$8 + 6 =$

$5 + 5 =$

$12 - 3 =$

$15 - 7 =$

$8 - 5 =$

$13 - 6 =$

$7 + 9 =$

$6 + 5 =$

$8 + 8 =$

$4 + 7 =$

$12 - 6 =$

$13 - 8 =$

$18 - 9 =$