

Objectives of the week	Resources	Suggested starting level						
<ul style="list-style-type: none">✓ To recognise and sequence numerals to 10.✓ To know by heart number bonds to 10.✓ To apply number bond knowledge to missing number calculations.	<ul style="list-style-type: none">• Numicon• Number cards• Missing number sentences (A)• Number bond rhyme visual (B)• Lolly stick• See it, write it, make it calculations (C)• See/ write/ make it board• Number sentences (D)• Whiteboard pen• Number board challenge cards	<table><tr><td>Emerging</td><td></td></tr><tr><td>Developing</td><td></td></tr><tr><td>Secure</td><td></td></tr></table>	Emerging		Developing		Secure	
Emerging								
Developing								
Secure								

Online resource to support learning:

<https://vimeo.com/463894279> (explanation clip- from 2 mins)

<https://www.ictgames.com/saveTheWhale/index.html> (game to practise number bonds to 10)

Tutor Led Session	<p>In this session we practised sequencing numbers by ordering numeral cards and then matching Numicon pieces to them to support children with recognising the number represented by each piece of Numicon. A 'one more/ less than' quickfire round took place to ensure children were confident with sequencing numbers without the visual support.</p> <p>Children then used Numicon to identify which two numbers could be added together to make 10, and the term 'number bonds' introduced. Children recorded their findings using a system ($0 + 10 = 10$, $1 + 9 = 10$, etc.).</p> <p>We used a rhyme to help remember the pairings, so that children could then apply this learnt knowledge to missing number calculations (e.g. $7 + \underline{\quad} = 10$).</p>
Parent/ Carer Led Session: 1	<ul style="list-style-type: none"> ○ Use the Numicon to make all number bonds to 10, applying a system. ○ Record these as addition number sentences on resource A. ○ Shuffle number cards and choose a number- see if your child can identify the number bond to make 10. If not- encourage them to use their hands, folding down the shown number of fingers to see how many fingers are remaining. ○ Re-introduce the number bond rhyme- use this to support children being able to memorise the missing number bond to 10. ○ Once confident, repeat, but cover up the second number in the calculation to see if your child can remember it. <p>Emerging: If your child is struggling to remember the bonds, they could test you and check your answer to remove some of the pressure. Continue to consolidate and practice, using the Numicon to check answers.</p>

Parent/ Carer Led
Session: 2

- Re-cap on the number bond rhyme (Resource B) and see if your child can lead on the answers when you cover up the second number or show them the rhyme with the second number missing.
- Check your child remembers the value of each Numicon piece before starting the next activity, testing in a random order.
- Use Resource C- Ask your child to cut out the number pairs and then choose several pairs randomly. For each pair, ask them to place them on the 'see it, write it, make it' board, writing the number sentence underneath ('write it') and then placing the Numicon to show the number bond ('make it')
- Extension activity- Use the laminated number bond challenge cards to support your child in applying their number bond knowledge to worded practical problems.

Emerging: For resource/ activity C- ensure you have the 10 piece of Numicon on the 'make it' section for your child to add their pieces to, to support being able to visualise this making 10.

Developing: Extension activity- use the challenge cards to 10.

Secure: Extension activity- if your child is confident with challenge cards to 10, use the challenge cards to 20.

Parent/ Carer Led
Session: 3

- Check your child remembers the value of each Numicon piece before starting, testing in a random order.
- Use Resource D- show your child the three grouped numbers and ask them what number facts they can think of for those numbers. Use the Numicon to pick out the three numbers and then ask the children to use the Numicon to help them record these as number sentences (e.g. for 8, 2, 10 there are 4 related number sentences: $8 + 2 = 10$, $2 + 8 = 10$, $10 - 8 = 2$, $10 - 2 = 8$).

Parent/ carer tip: continue to vary language so that children don't get over-reliant on the word 'add'. For example: **the sum of, the total, more than, altogether, plus**

Emerging: If your child finds this difficult, focus on just the two addition sentences for each set of numbers. Ensure your child understands that when adding, numbers can be added in any order and will still make the same total.

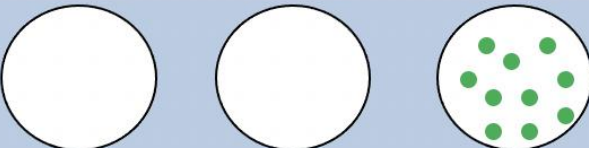
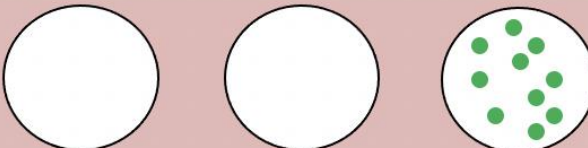
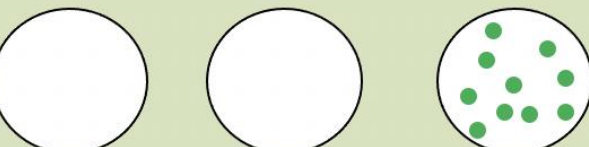
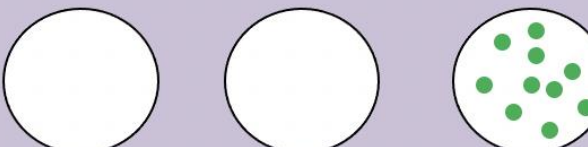

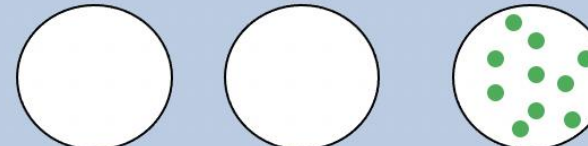
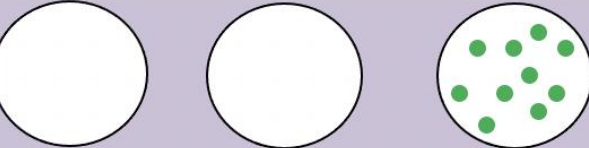
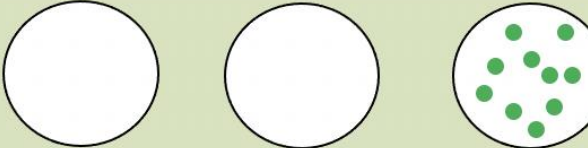
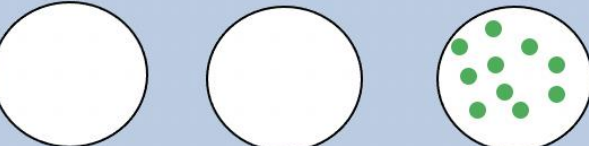
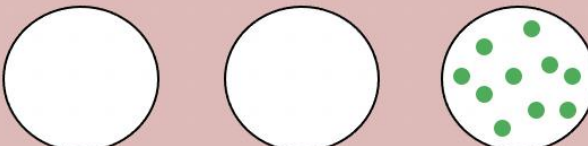
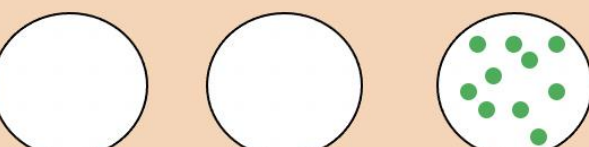
Developing: Help your child structure their first set of answers, guiding them to see that there are two addition and two subtraction number sentences.

Secure: Allow your child to attempt this independently before offering support. If they are able to do so confidently and they wish to, see if they can find the calculations for the remaining number bonds not shown on the resource sheet. You could also see if they are able to see the pattern with number bonds to 20 (e.g. if $9 + 1 = 10$, then $19 + 1 = 20$).

Ready for next
session:

- Please add any feedback that you think will be useful for the tutor onto the resources, and place all completed activities in the marking wallet. These will be returned to you next week. Feedback on marking and next steps will be sent via email within 2 days.
- Please ensure all loaned resources are returned to the borrowed zip wallet.
- Feel free to try any of the 'Wider World' activities with your child.

Missing Number Sentences

 ____ + ____ = <u>10</u>	 ____ + ____ = <u>10</u>
 ____ + ____ = <u>10</u>	 ____ + ____ = <u>10</u>
 ____ + ____ = <u>10</u>	 ____ + ____ = <u>10</u>
 ____ + ____ = <u>10</u>	 ____ + ____ = <u>10</u>
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Parent notes for
tutor

Activity
completed:

Without support

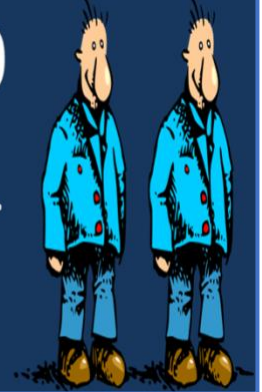
With minimal support

With intensive support

$1+9$ $3+7$ $7+3$
 $6+4$ Number bonds!
 $2+8$
 $4+6$ $5+5$

$0 + 10$

Two tall men...



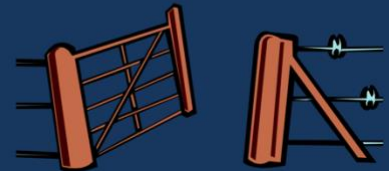
$1 + 9$

All is fine...



$2 + 8$

Open the gate...



$3 + 7$

Gone to Devon...



$4 + 6$

Funny tricks...



$5 + 5$

Swim and dive...



$6 + 4$

Knock at the
door...



$$7 + 3$$

Cup of tea...



$$8 + 2$$

A pot of stew...



$$9 + 1$$

Current bun...



$$10 + 0$$

Always a hero...



Number Bonds (*for cutting out*)

$1 + 9$	$2 + 8$	$7 + 3$
$6 + 4$	$5 + 5$	$10 + 0$
$9 + 1$	$8 + 2$	$3 + 7$
$4 + 6$	$0 + 10$	

Making Number Sentences

10	7	3

2	10	8

6	10	4

1	9	10

Parent notes for tutor			
Activity completed:	Without support	With minimal support	With intensive support