

Date: 4.8.22




Name: Sophie

Concept: Number bonds

HOME LEARNING FEEDBACK

Overview	<p>This week's learning focused on identifying number bonds to 10 using a range of physical resources, before moving to mental mastery of the bonds and application of this to missing number calculations.</p> <p>In the first session, Sophie was confidently able to use the Numicon to find bonds to 10 and started to master these pairings mentally. She was able to understand the principles of commutativity (i.e. numbers can be added in any order) and applied this to her understanding. Sophie found it more difficult to use her known number bonds to find other relevant number facts (e.g. if $6 + 4 = 10$ and $4 + 6 = 10$, then $10 - 6 = 4$).</p>
Follow up learning	<p>In the activities, Sophie completed all the tasks and has started to be able to find all related number facts for number bonds to 10. She was able to apply her addition knowledge to 'real life' problems and it was great to see she also tried some of the 'wider world' activities, including the teddy bear's picnic!</p>

YOUR LEARNING...

	<p>You have memorised all number bonds to 10 and know that the bonds can be added in any order and will still make 10.</p>
	<p>You are able to apply these facts to real life problems. Keep practising the rhyme to keep these bonds 'fresh' in your mind- they will come in very useful!</p>
	<p>Next Steps:</p> <ul style="list-style-type: none"> ⇒ Think about the relationship between number bonds to 10 and bonds to 20- can you spot a pattern? ⇒ Continue to use Numicon or other resources to identify all known calculations for a number bond sentence, including the inverse ('if $2 + 8$ is 10, then $10 - 2$ must be 8'). ⇒ Can you practise writing your number 5? (<i>Number formation sheet attached</i>).

Resources to support further learning	<ul style="list-style-type: none"> ○ https://www.topmarks.co.uk/maths-games/hit-the-button -choose 'Number bonds' option [useful for practice of taught number bond facts] 	Developing: 'Make 10' Secure: 'Make 20'
	<ul style="list-style-type: none"> ○ https://www.topmarks.co.uk/number-facts/number-fact-families [useful for practising finding related calculations] 	Developing: '+ and -', 'up to 10' Secure: '+ and -', 'up to 20'
	<ul style="list-style-type: none"> ○ Number formation sheet for number 5 formation or https://www.doorwayonline.org.uk/activities/letterformation/ 	

Resource options	The following resources are attached, to support your child's learning:		
	Numicon number shapes pack	Number bond challenge scenario cards (to 10 and 20)	Number bond rainbow and Numicon pairs mat (reversible)
	Printed: £2 Laminated: £5	Printed: £2 Laminated: £4	Printed: £1 Laminated: £2
	Should you wish to have any of these resources printed and/ or laminated for your child to keep, please let your tutor know and these will be provided at your child's next session. Costs for this service are outlined above. Orders need to be made 2 working days prior to your next session. All costs will be added to your following month's bill.		