I can recall decimal number bonds for 1 and 10.

By the end of this half term, children should see the links with number bonds to 10, 100 and 1000 to identify decimal number bonds to 1 and 10 and recall these **instantly.**

Decimal number bonds to 1	Decimal number bonds to 10	
e.g.	e.g.	
$0.1 + 0.9 = 1$	$1.1 + 8.9 = 10$	$2.1 + 7.9 = 10$
$0.2 + 0.8 = 1$	$1.2 + 8.8 = 10$	$2.2 + 7.8 = 10$
$0.3 + 0.7 = 1$	$1.3 + 8.7 = 10$	$2.3 + 7.7 = 10$
$0.4 + 0.6 = 1$	$1.4 + 8.6 = 10$	$2.4 + 7.6 = 10$
$0.5 + 0.5 = 1$	$1.5 + 8.5 = 10$	$2.5 + 7.5 = 10$
$0.7 + 0.3 = 1$	$1.6 + 8.4 = 10$	$2.6 + 7.4 = 10$
$0.8 + 0.2 = 1$	$1.7 + 8.3 = 10$	$2.7 + 7.3 = 10$
$0.9 + 0.1 = 1$	$1.8 + 8.2 = 10$	$2.8 + 7.2 = 10$
	$1.9 + 8.1 = 10$	$2.9 + 7.1 = 10$ etc.
What other facts do they know can help with these number bonds?	What strategies can they use to help with this?	

Children should be able to answer questions like these as well as missing number problems
e.g. $0.2 + \bigcirc = 1$ or $3.6 + \bigcirc = 10$

Key Questions

What do I add to 0.8 to make 1?

What is 1 take away 0.06?

What is 1.3 less than 10?

How many more than 9.8 is 10?
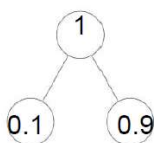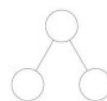
What is the difference between 0.92 and 10?

What this can look like

Concrete:

Ones	Tenths	Hundredths

Pictorial:

Abstract:

$0.1 + 0.9 = 1$
$0.9 + 0.1 = 1$
$1 - 0.1 = 0.9$
$1 - 0.9 = 0.1$

Things to Try

Use money- how many ways can you make £1? E.g. 0.90p + 0.10p

Part part whole- Use the part part whole model to create your own decimal number bonds. How many ways can you make 1? How many ways can you make 10?

Useful Websites:

https://www.topmarks.co.uk/learning-to-count/paint-the-squares

https://www.topmarks.co.uk/maths-games/hit-the-button

https://www.studyzone.tv/game274-code0677c4940c4306a3a90514b2246a093f

https://classroom.thenational.academy/lessons/decimal-number-bonds-c8vk4t