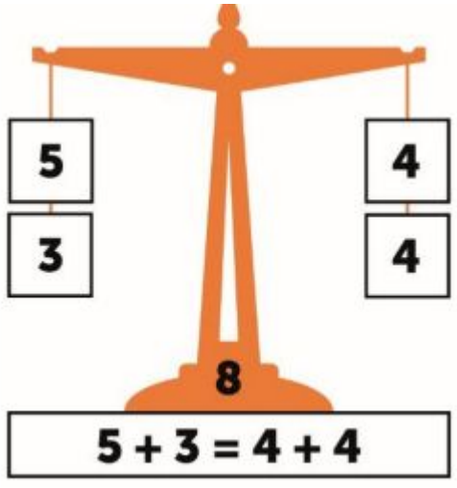
Y1 addition, subtraction, equality and balance, solving problems, doubling and halving.

MATHS KNOWLEDGE ORGANISER

ESSENTIAL VOCABULARY	
Total, altogether	Combine the amounts
Subtraction, Take away, minus, less than	Taking away a part from the whole
Count on	Start with the larger number and count on when adding two numbers
Doubling	To add an equal amount to what you already have
Halving	Split what you have into two equal groups
problem	A question that needs solving.



Stem Sentences

Speaking Frame - Language of Addition

☐ is the sum of ☐ and ☐ .
☐ and ☐ is ☐ altogether.
☐ more than ☐ is ☐ .
The total of ☐ and ☐ is ☐ .

Speaking Frame - Language of Subtraction

I started with ☐ then took away ☐ and there were ☐ left.
☐ taken away from ☐ is equal to ☐.
☐ less than ☐ is equal to ☐.
☐ minus ☐ is equal to ☐.
☐ minus ☐ equals ☐.
I subtract ☐ from ☐ leaving ☐.

Speaking Frame - Equal Parts of the Whole

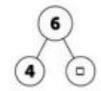
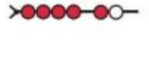
I know that ☐ is half of ☐.
I know that double ☐ is ☐.
If I double ☐ I will have ☐.
Halving ☐ will give me ☐.

'As a family we live, love, learn and celebrate with Jesus.'

LINKS TO PREVIOUS LEARNING

Pupils will continue to use their understanding of part and whole.

Maths mastery
Can you use what you know to solve the problems…

2 + 7 = ☐		The total of 7 and 2 is 9	10 - 10 = 0
	I started with 10. Then took away 10. There were none left.		
			8 = 10 - 2

Can you match the representations? Explain to your partner how you have matched them.

Double ☐ = 7 + 7

Double 10 is ☐