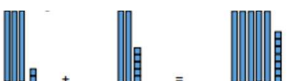
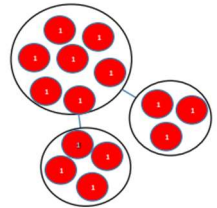
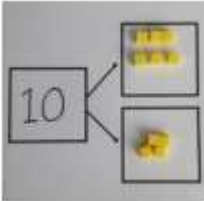
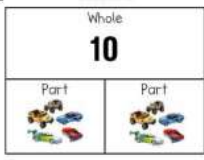
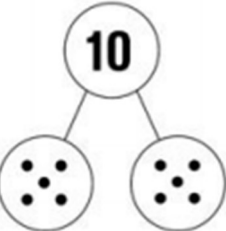
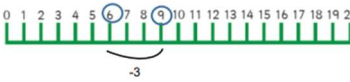
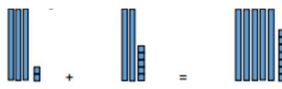
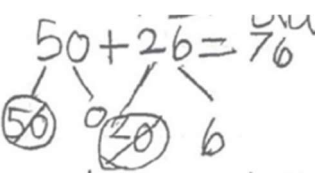
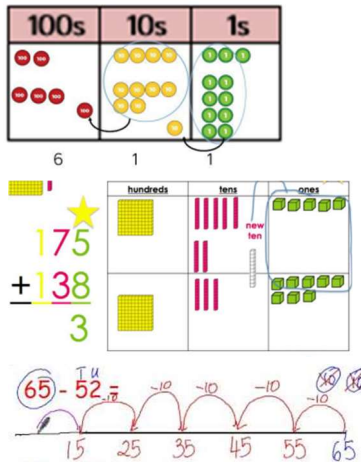
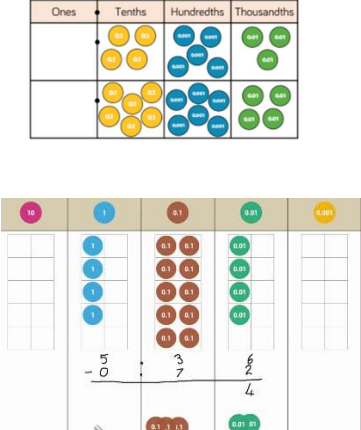
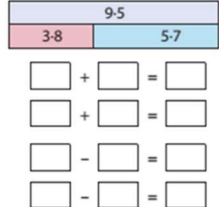


Addition and Subtraction at Blackhorse Primary

	Physical apparatus	Bar Model	Mental strategies	Written method	Fractions				
End of Year 2 2 digit numbers (with regrouping and exchanging) Recall number bonds for 10 and apply them to numbers in 20 and 100	   Bar model with place value counters:  	   <table data-bbox="712 930 1025 994"><tr><td colspan="2">57</td></tr><tr><td>32</td><td>25</td></tr></table>	57		32	25	$4 + 3 = 7$ $3 + 4 = 7$ $7 = 4 + 3$ $7 = 3 + 4$ $7 - 4 = 3$ $7 - 3 = 4$ $4 = 7 - 3$ $3 = 7 - 4$ If I know the above I know 14 $+ 3 = 17$ or $40 + 30 = 70$	Number Lines   Using physical resources or images to show their understanding.    e.g. $63 - 32 = 31$ Partition 	
57									
32	25								

End of Year 4 Add and subtract 2,3&4 digit numbers using a written method. Adding and subtracting anything that does not involve exchanging or regrouping .		Adding using place value 174 + 100 Adjusting 199 + 1 Near doubles 1034 + 1035 Rounding 199 + 199 1000 - 599	Adding using place value 174 + 100 Adjusting 199 + 1 Near doubles 1034 + 1035 Rounding 199 + 199 1000 - 599	Adding using place value 174 + 100 Adjusting 199 + 1 Near doubles 1034 + 1035 Rounding 199 + 199 1000 - 599	Use simple equivalence to add fractions and add over the whole and multiples of the same denominator. $\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$ Use inverse operation to check their answers. $\frac{1}{4} + \frac{1}{3}$ Use inverse operation to check their answers.
End of Year 6 Decimal addition and subtraction up to two decimal places. Integers subtract a decimal with one decimal place e.g. 7 – 2.5 or 7 – 0.1	Use the place value grid to answer 0.453 + 0.664 	Write four number facts that this bar diagram shows.  Ali had £10. He bought a DVD for £6.70 and a CD for £2.90. How much money did he have left? 	Adding using place value 1,000,000 - 199 Adjusting 1.99 + 2.99 Near doubles 7.5 + 7.6 Rounding 2.99 – 1.99 Integers subtract decimals 7 – 2.5	Adding using place value 1,000,000 - 199 Adjusting 1.99 + 2.99 Near doubles 7.5 + 7.6 Rounding 2.99 – 1.99 Integers subtract decimals 7 – 2.5	Adding improper fractions and fractions with differing denominators where they aren't multiples. e.g. $\frac{1}{3} + \frac{1}{7} =$ or $\frac{11}{7} + 1\frac{1}{4}$ Use an inverse operation and estimations to check their answers.

Adding and Subtraction – EYFS

Have a deep understanding of number 10 and the composition of each number.

Subitise up to 5

Physical apparatus	Bar Model	Mental strategies	Written method
		Number bonds to 5 and 10 including subtraction facts.	