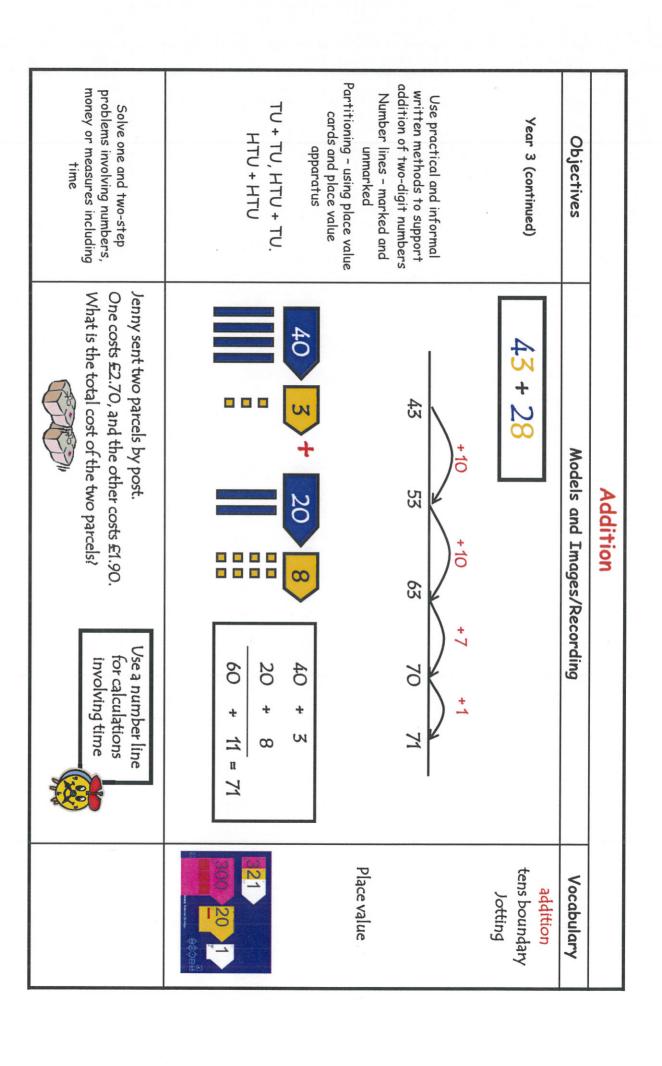
Objectives Foundation Stage Say and use the number names in order in familiar contexts e.g. number rhymes	Addition Models and Images Turtles Poem One baby turtle alone and new. Finds a friend, and then there are two. Two baby turtles crawl down to the sea. They find another, and then there are three. Three baby turtles crawl along the shore.	Vocabulary number names
	Four baby turtles go for a dive. Up swims another, and then there are five.	
Know that numbers identify how many objects are in a set Match sets of objects to numerals that represent that number of objects Count reliably up to ten objects		count on count back count in
Recognise numerals 1 - 9	Number things around the classroom and the school	
Find one more than a number from 1 to 10		one more
Begin to relate addition to combining two groups of objects	and Solo is the same as Sulfa	add, more, and, sum, altogether, double
In practical activities and discussion begin to use the vocabulary involved in adding	Lay the table for Goldilocks and the Three Bears. How many bowls do they need? How many spoons do they need?	How many more is than ?

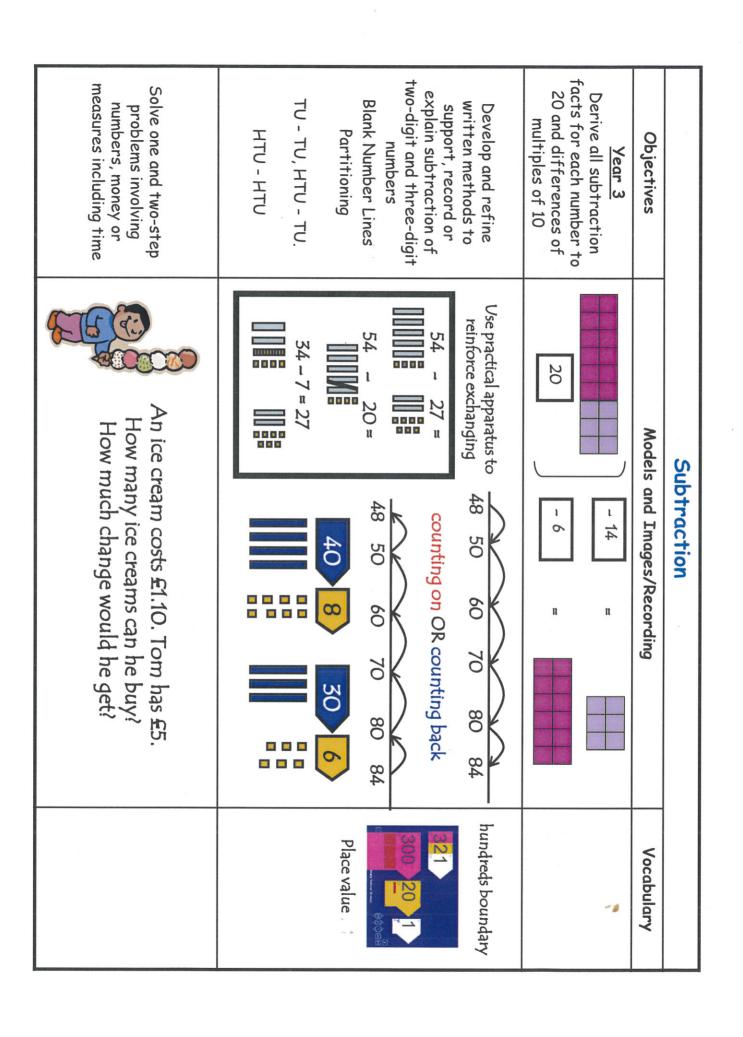
			Use the > and = signs
greater than	14 > 6	14 is greater than 6	Use the words greater than and equals to compare and order numbers
			Add 9 by adding on 10 and taking away 1
	+ 14	14 + = 20 = 20 =	Begin to find the value of an unknown in a number sentence
Place value			
300 <u>20</u> 1		28	Understand the structure of two- digit numbers
tens units/ones	8	20	Begin to partition numbers using place value cards and place value apparatus
eleven, twelve, thirteen	10 3	thirteen	Understand the structure of 'teens' numbers
			Year 1 (continued)
Vocabulary/ICT	Recording	Models and Images/Recording	Objectives
		Addition	

					Derive and recall all addition facts for each number to at least 10, all pairs with total to 20 and all pairs of multiples of 10 with totals up to 100	Read and write two- and three- digit numbers in figures and words	Year 2	Objectives	
	etc etc	17 + 13 = 30 40 + 60 = 100	17 + 3 = 20 20 + 80 = 100	7 + 3 = 10 70 + 30 = 100		23 495	twenty-three four hundred and ninety five	Models and Images/Recording	Addition
			,	Number facts		three digit number	two hundred	Vocabulary	

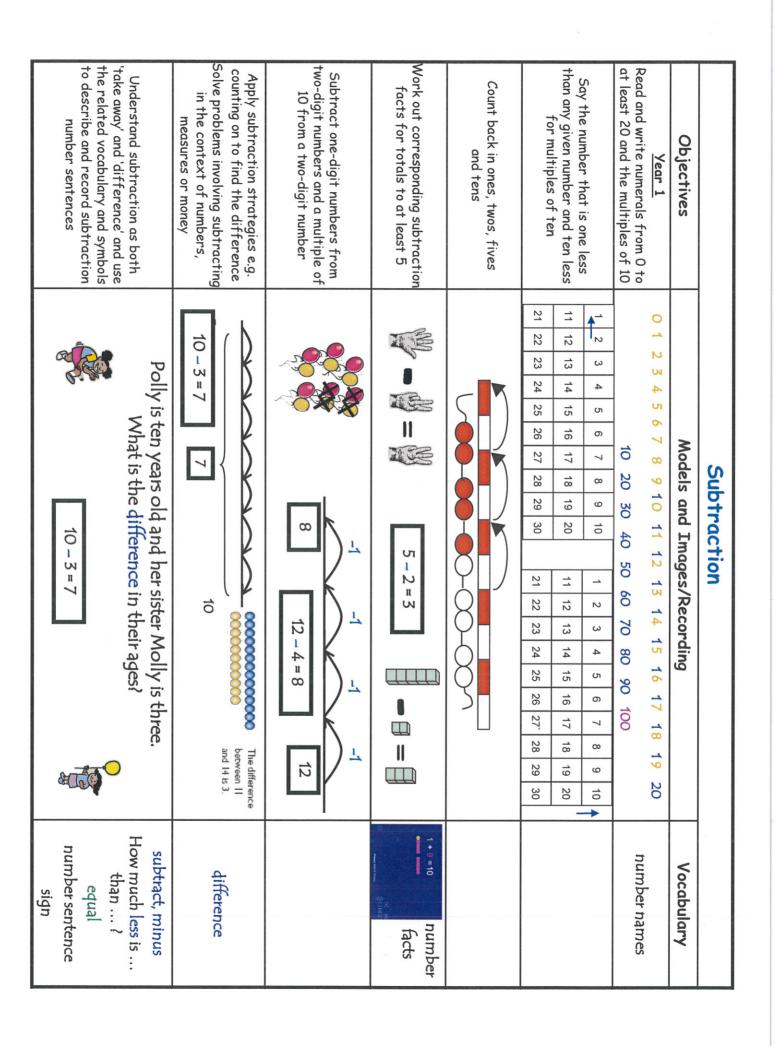
symbol	14 +	Calculate the value of an unknown in a number sentence
	14 + 6 = 20 $20 - 6 = 14$ $20 - 14 = 6$	Understand that addition is the reverse of subtraction and use this to derive related addition and subtraction number sentences
calculate calculation	In a school there are ### Mel has 43cm of ribbon and Cal has 28cm ### How much ribbon do they have ### Mel has 43cm of ribbon and Cal has 28cm ### How much ribbon do they have ### altogether? ### Altogether in the form of children in the following states and the following states are altogether in the following states are a	Solve problems involving addition in contexts of numbers, measures, pounds or pence Use the symbols + and = to record and interpret number sentences
Vocabulary addition tens boundary Jotting Place value (2) 321 300 20 1	Addition Models and Images/Recording 43 + 20 8 43 + 20 8 40 + 20 = 60 3 + 8 = 11 60 + 11 = 71	Objectives Year 2 (continued) Use practical and informal written methods to support addition of two-digit numbers Number lines - marked and unmarked Partitioning - using place value cards and place value apparatus

				Derive and recall all addition facts for each number to at least 10, all pairs with total to 20 and all pairs of multiples of 10 with totals up to 100	aigit numbers in tigures and words	Year 3 Read and write two- and three-	Objectives	
etc etc	17 + 13 = 30	17 + 3 = 20 20 + 80 = 100	7 + 3 = 10 $70 + 30 = 100$ Number facts		23 495 three digit	twenty-three four hundred and ninety five two hundred	Models and Images/Recording Vocabulary	Addition





How many are left? How many have gone?	Lay the table for breakfast for the Three Bears, How many bowls would we need if Daddy Bear had already left for work and therefore was not going to have breakfast?	In practical activities and discussion begin to use the vocabulary involved in subtracting
take away, leave, difference between	take away Fig. 15	Begin to relate subtraction to 'taking away'
one less		Find one less than a number from 1 to 10
	Number things around the classroom and the school	Recognise numerals 1 - 9
count on count back count in		Know that numbers identify how many objects are in a set Match sets of objects to numerals that represent that number of objects Count reliably up to ten objects
number names	Five little Monkeys Five little monkeys jumping on the bed One fell off and bumped his head Mama called the doctor and the doctor Said, "No more monkeys jumping on the bed!" Four little monkeys jumping on the bed, three little monkeys jumping on the bed, (and so on).	Foundation Stage Say and use the number names in order in familiar context e.g. number rhymes
Vocabulary	Models and Images	Objectives
	Subtraction	



Use practical and informal written methods to support subtraction of two-digit numbers Number Lines & Partitioning with AND without crossing the tens boundary Choose whether to count on OR count back (know that the answer is the same) TU - U TU - TU 43 - 20 40 40 4 48 50 60 7	Derive and recall all subtraction facts for each number to at least 10 $10-2=8$	Year 2 Read and write two- and three-digit numbers in figures and words three-digit numbers in 23	Objectives /
43 – 27 43 – 10 – 10 43 – 27 43 – 10 – 10 43 – 27 = 16 23 33 43 70 80 84 54 – 27 = 20 = 10 10 10 10 10 10 10 1	10-1=9	ree four hundred and ninety five 495	Models and Images/Recording
place value exchange tens boundary one hundred less Place value		one-, two- three - digit number names	Vocabulary

symbol	23 - \[= 13 \] \[\] - 13 = 16	Calculate the value of an unknown in a number
	20 – 14 = 6	sentences
	20 - 6 = 14	of addition and use this to derive related addition and
	14 + 6 = 20	Understand that subtraction is the reverse
calculate	How many did she have left?	Use the symbols - and = to record and interpret number sentences
jotting	Ellie had 43 marbles. She gave her friend Mel 27.	Solve problems involving subtraction in contexts of numbers, measures, £ or p
	Year 2 (continued)	
Vocabulary	Models and Images/Recording	Objectives
	Subtraction	