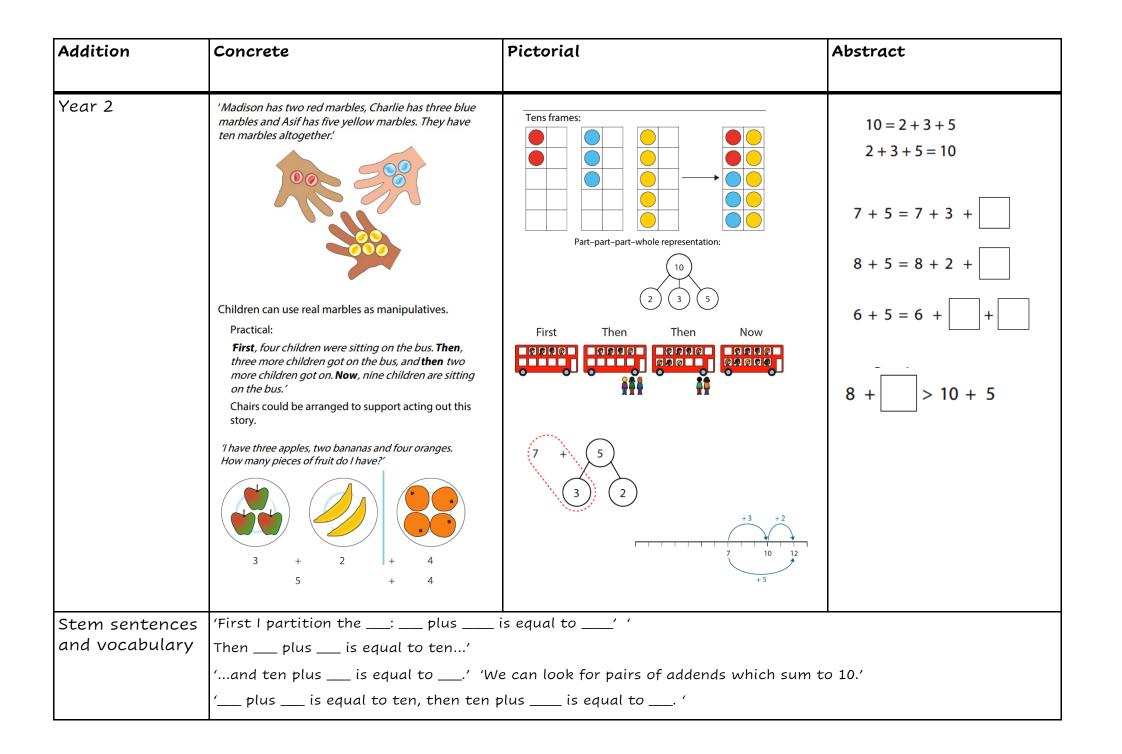


Subtraction	Concrete	Pictorial	Abstract
Subtraction	There are six children. Two of them have put their coats on. How many have not put their coats on?'	Reduction context – pictorial representation: 'First there were eight doughnuts. Then one was eaten. Now there are seven doughnuts.' First Then Now 1000000000000000000000000000000000000	8 - 1 = 7 First Then Now $4 - 1 = 3$
Stem sentences and vocabulary	Demonstrate this in the classroom. 'First, there were five children in the book corner. Then, two children left the book corner. Now there are three children in the book corner.'	First Then Now First Then Now	

Year 1	Concrete	Pictorial	Abstract
Multiplication Counting, unitising and coins	Pre-money tokens: How many dots are there? Count in groups of two.' The money tokens: How many dots are there? Count in groups of ten.' The many dots are there? Count in groups of ten.' The many dots are there? Count in groups of ten.' The many dots are there? Count in groups of ten.' The many dots are there? Count in groups of ten.' The many dots are there? Count in groups of ten.' The many dots are there? Count in groups of ten.' The many dots are there? Count in groups of ten.' The many dots are there? Count in groups of ten.' The many dots are there? Count in groups of ten.' The many dots are there? Count in groups of ten.' The many dots are the	'How many pencils are there? Count in groups often.'Image: Description of the state of th	<image/> <section-header><complex-block><complex-block><image/><complex-block></complex-block></complex-block></complex-block></section-header>
Stem sentenc- es and vocabu- lary			
	'This is apence coin. It has a value of p.' 'There are coins.' 'Each coin has a value of p.' 'This is p.'	'I say two pence, but I think two one- pennies.' 'I say five pence, but I think five one- pennies.' 'I say ten pence, but I think ten one- pennies.'	'The costs p.' 'Each coin has a value of p.' 'The costs p.' 'Each coin has a value of p.' 'So I need coins.'



Year 2	Concrete	Pictorial	Abstract	
Subtraction				
	Practise telling the story as a class un- til children are confident describ- ing it: 'First there were twelve children on the ride. Then four got off. Now there are eight children on the ride.'	First there were twelve children on the ride. Then four got off. Now there are eight children on the ride.' First Then Now First Then Now Image: state off. Now there are eight children on the ride.'	$12 - 4$ $2 - 2 = 10$ $10 - 2 = 8$ So $12 - 4 = 8$ $12 - 4$ $\frac{12 - 4}{2 - 2}$ $12 - 4 = 8$ $12 - 4 = 8$ $12 - 4 = 8$ $12 - 4 = 8$ $10 - 4 = 6$ $6 + 2 = 8$ So $12 - 4 = 8$	
Stem sen- tences and vocabulary	'We first subtract t	rtition the four into two and two.' two from twelve to get to ten.' the remaining two from the ten – we already know that ten minus two is equal to		

Year 2	Concrete	Pictorial	Abstract
Multiplication	Grouping objects – example 1: There are some pencils.'	<complex-block></complex-block>	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Stem sentences and vocabulary	produc	and' 'We can write this as plus plus plus' times factor is equal to the t.' oduct is equal to factor	'There are equal groups of' 'There are in each group.' 'There are groups of' 'Use cubes to show me four plus four plus four.' 4 + 4 + 4 'I have some groups of apples' 3 + 3 + 3 + 3 + 3 'Draw a picture to show the apples.'

