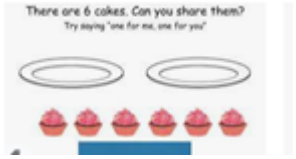
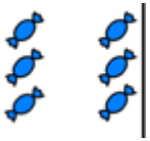
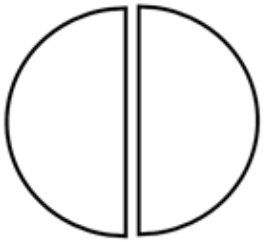
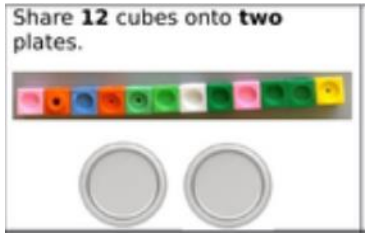
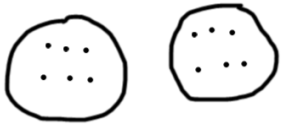
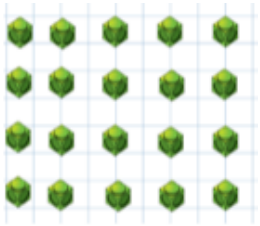
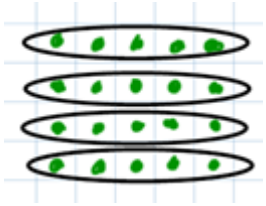
Division

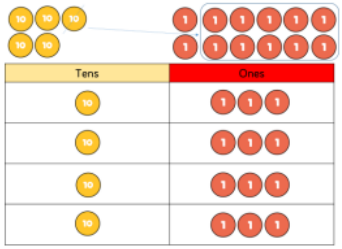
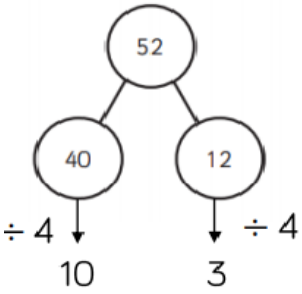
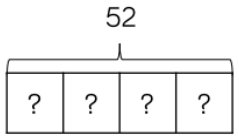
<table>
<tr><th colspan="4">Reception</th></tr>
<tr><td colspan="4">Early Learning Goals
Solve problems involving halving and sharing.</td></tr>
<tr><td rowspan="2">Strategy</td><td colspan="3">Examples/representations</td></tr>
<tr><td>Concrete</td><td>Pictorial</td><td>Abstract</td></tr>
<tr><td>Sharing real objects into 2 groups

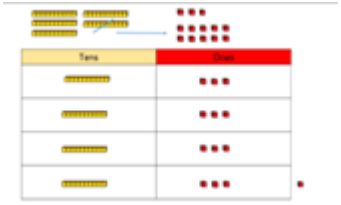
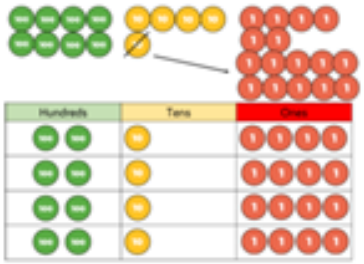
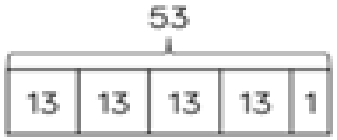
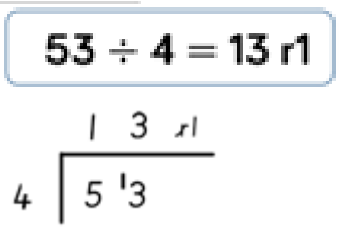
Cut a group in half</td><td> </td><td> 
</td><td>4 shared by 2

Half of 4 is 2</td></tr>
</table>

Year 1			
National Curriculum Objectives Solve one step problems involving division, by calculating the answer by using concrete objects, pictorial representations and arrays with the support of the teacher.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Sharing			**6 ÷ 2 = 3**
Fractions			**= 1/2**

Year 2			
National Curriculum Objectives Solve problems involving division, using materials, arrays, repeated addition and division facts.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Sharing (into equal groups)			$12 \div 2 = 6$
Grouping			$20 \div 5 = 4$

Year 3			
National Curriculum Objectives Divide 2 digits by 1 digit, using the multiplication tables that they know, progressing to formal written methods.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Short division - formal written method (base ten and place value counters)	 	 10 + 3 = 13 	52 ÷ 4 = 13

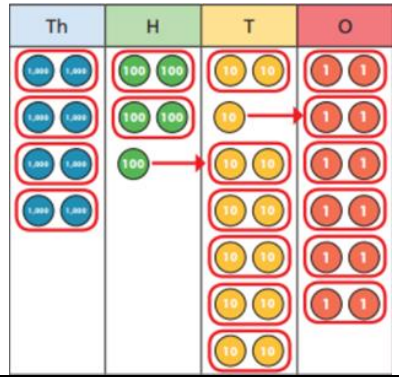
Year 4			
National Curriculum Objectives Divide 2 digits by 1 digit and 3 digits by 1 digit becoming fluent with the formal written method of short division.			
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Short division - formal written method (base ten and place value counters)	 		

Year 5

National Curriculum Objectives

Divide numbers up to 4 digits by a 1-digit number using the formal written method of short division.

Interpret remainders appropriately for the context.

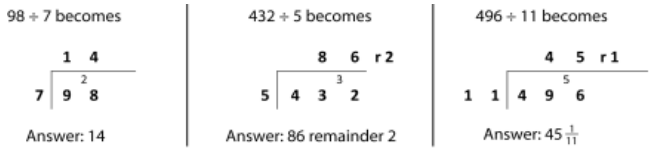
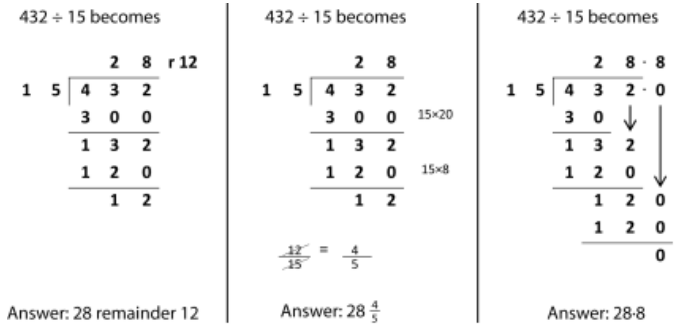
Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Short division- formal written method			

	4	2	6	6
2	8	5	$^{1}3$	$^{1}2$

Year 6

National Curriculum Objectives

Divide numbers up to 4 digits by a 2 digit number using the formal written method of short division where appropriate.
Divide up to 4 digits by a 2 digits whole number using the formal written method of long division.
Interpret remainders according to the context.

Strategy	**Examples/representations**		
	Concrete	**Pictorial**	**Abstract**
Short division- formal written method			
Long division - formal written method