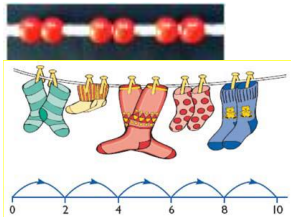
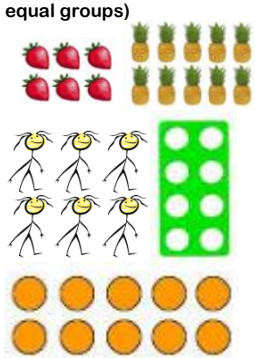
Multiplication KS1

<table>
<tr><td>EYFS</td><td colspan="4">Reception: ELG 2022
Number ELG
Children at the expected level of development will:
• Have a deep understanding of number to 10, including the composition of each number;
• Subitise (recognise quantities without counting) up to 5;
• Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.

Numerical Patterns ELG
Children at the expected level of development will:
• Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.</td></tr>
<tr><td>Year</td><td colspan="2">1</td><td colspan="2">2</td></tr>
<tr><td></td><td colspan="2">Concrete, pictorial, abstract</td><td colspan="2">Concrete, pictorial, abstract</td></tr>
<tr><td>Developing Conceptual/ Procedural Understanding</td><td>Grouping

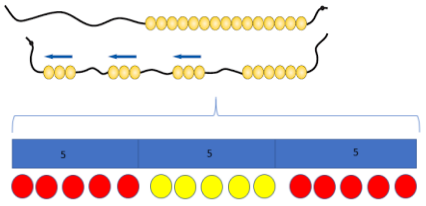
2 frogs on each lily pad

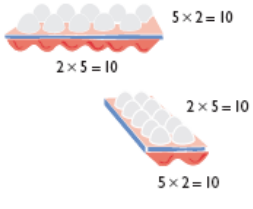
GROUPING ITP
Pictures to show 2 groups of 3 or 3 groups of 2 etc.

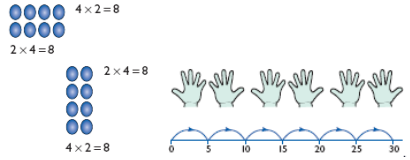
Doubles
 
</td><td>Arrays
(rectangular arrangements to show equal groups)
  </td><td>Repeated addition

Introduce the x symbol once repeated addition is understood.

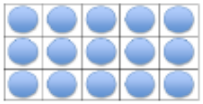
Grouping

5 frogs on each lily pad 5 x 3 = 15
 

Building tables</td><td>Commutativity
 

5 x2 = 2 x 5
 

5 + 5 + 5 + 5 + 5 + 5 = 30
5 × 6 = 30
5 multiplied by 6
6 groups of 5
6 hops of 5

Decision making
How many number sentences can you write to describe this array? Can you use addition, multiplication and division?
 
Explain your answers.</td></tr>
</table>

Multiplication KS1

			Build tables using counting stick- forwards and backwards and with missing jumps	
Known facts	Count in multiples of twos, fives and tens.		Recall and use x and ÷ facts for the 2, 5 and 10 x tables, including recognising odd and even numbers.	
Essential Knowledge	Count in 2s	Doubles up to 10	2 x table	Doubles up to 20
	Count in 10s	Double multiples of 10	10 x table	Doubles of multiples of 5
	Count in 5s	Count in 2s, 5s and 10s	5x table	Count in 3s