








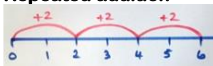

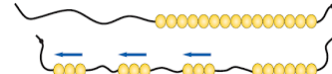



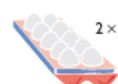
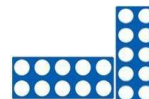








Multiplication KS1

EYFS	Reception: ELG 2022 Number ELG Children at the expected level of development will: <ul style="list-style-type: none">• 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 <u>some number bonds to 10, including double facts.</u> Numerical Patterns ELG Children at the expected level of development will: <ul style="list-style-type: none">• Explore and represent patterns within numbers up to 10, including evens and odds, <u>double facts and how quantities can be distributed equally.</u>			
Year	1	2		
	Concrete, pictorial, abstract	Concrete, pictorial, abstract		
Developing Conceptual/Procedural Understanding	<p>Grouping</p>  <p>2 frogs on each lily pad</p> <p>GROUPING ITP Pictures to show 2 groups of 3 or 3 groups of 2 etc.</p> <p>Doubles</p>   	<p>Arrays (rectangular arrangements to show equal groups)</p>     	<p>Repeated addition</p>  <p>Introduce the x symbol once repeated addition is understood.</p> <p>Grouping</p>  <p>5 frogs on each lily pad $5 \times 3 = 15$</p>    <p>Building tables</p>	<p>Commutativity</p>  <p>$5 \times 2 = 10$</p> <p>$2 \times 5 = 10$</p>  <p>$2 \times 5 = 10$</p> <p>$5 \times 2 = 10$</p>  <p>$5 \times 2 = 2 \times 5$</p>  <p>$4 \times 2 = 8$</p> <p>$2 \times 4 = 8$</p>  <p>$4 \times 2 = 8$</p>   <p>$5 + 5 + 5 + 5 + 5 + 5 = 30$</p> <p>$5 \times 6 = 30$</p> <p>5 multiplied by 6</p> <p>6 groups of 5</p> <p>6 hops of 5</p> <p>Decision making</p> <p>How many number sentences can you write to describe this array? Can you use addition, multiplication and division?</p>  <p>Explain your answers.</p>

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 \times and \div 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