



Year 2 – Discrete Mathematical Knowledge

<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
I know number bonds to 10.	I know my 5 times table.	I know my 3 time table.	I know there are 100 pence in £1.	I know there are 60 minutes in 1 hour.	I know my left and right so I can describe movement.
I know number bonds to 20.	I know my number bonds to 100.	I know odd numbers up to 100.	I know there are ten 1ps in 10p.	I know there are 30 minutes in half an hour.	I know how to move a shape for: quarter, half, 3 quarters and full turn.
I know there are ten ones in 10.	I know my 2 times table.	I know even numbers up to 100.	I know a fraction is part of a whole.	I know there are 24 hours in one day.	I know clockwise and anticlockwise so I can complete a turn.
I know there are ten tens in 100.	I know my 10 times table.	I know fact families for multiplication and division facts (1, 0, 2, 5, 10)	I know a half is the same as 2 quarters.	I know length, width and height can be measured in m or cm.	I know the names of the month so I can order in the correct sequence.
I know the symbol for greater than (>), less than (<) and equal to (=) so I can use them.	I know the 2d shapes: circle, triangle, rectangle, square, pentagon, hexagon and octagon so I can say the properties.	I know a gate in a tally means 5.	I know 2 halves make a whole.	I know there are 100cm in 1m.	I know you use grams and kilograms to measure weight.
I know how to count in multiples of 2.	I know the 3D shapes: cube, cuboid, sphere, square based pyramid, cone so I can say the properties.	I know a single tally means 1.	I know 3 thirds make a whole.		I know you use litres and millilitres to measure volume.
I know how to count in multiples of 5.	I know a shape can have vertical or horizontal lines of symmetry.		I know 4 quarters make a whole.		I know you use degrees c to measure temperature.
I know how to count in multiples of 10.					
I know my 2 times table.	I know a face, edge and vertices so I can identify on 3D shapes.				
I know my 10 times table.					
I know fact families for addition and subtraction.					

This overview identifies discrete mathematical knowledge needed in Year 2. It is designed so that the knowledge is introduced, recapped and built upon throughout the year to match the WR Schemes of Learning.

