Place Value	Geometry
Manipulatives and strategies	**Manipulatives and strategies**

Year 2, Term 1 Knowledge Organiser for Place Value and Geometry.

Vocabulary and meanings		Vocabulary and meanings	
Digit/numerals	A single number to represent values in mathematics	2D shape	A flat shape that has two dimensions – width and length.
zero	Holds a place in a number or represents nothing.		
ones	1-digit number = 1 - 9		
tens	2-digit numbers = 10 - 99	pentagon	A shape with 5 straight sides.
value	How much each digit/numeral is representing.	hexagon	A shape with 6 straight sides.
exchange	Changing a larger value number into a smaller value number. For example, 1 ten = 10 ones so to change 1 ten to get 10 ones is exchanging	octagon	A shape with 8 straight sides.
columns	Vertical lines to the left and right to separate number values.	symmetry	Something is symmetrical when it has two matching halves.
position	Where a number is placed on a number line.		
more	A number gets bigger in value; 8 10 12 14	vertex	The corner of a 3D shape.
less	A number gets smaller in value; 12 10 8 6	3D shape	3D shapes are solid and are measured by length, width and depth.
		edge	An edge joins two vertices.