

Maths Knowledge Organiser - Year One








Key Vocabulary and symbols

-	+
<p>Minuend - subtrahend = difference</p> <p>Vocabulary: whole, part, relationship, partitioning, partitioning tree, top, bottom, left, right, number sentence, number bond, add, +, equals, =, addend, sum, balance, value, subitise</p> <p>12 - 7 = 5 5 = 12 - 7</p>	<p>Addend + addend = sum</p> <p>Vocabulary: subtraction, take away, part, whole, number sentence, number story, minuend, subtrahend, difference</p> <p>10 + 3 = 13 3 + 10 = 13</p>
< less than	> more than

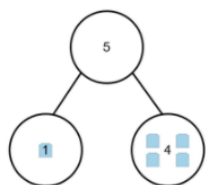
Place Value Columns		
hundreds	tens	ones
100	10	1

Number bonds 1 to 10

1	2	3	4	5
0 1	0 2	0 3	0 4	0 5
1 0	1 1	1 2	1 3	1 4
	2 0	2 1	2 2	2 3
		3 0	3 1	3 2
			4 0	4 1
				5 0
10	9	8	7	6
0 10	0 9	0 8	0 7	0 6
1 9	1 8	1 7	1 6	1 5
2 8	2 7	2 6	2 5	2 4
3 7	3 6	3 5	3 4	3 3
4 6	4 5	4 4	4 3	4 2
5 5	5 4	5 3	5 2	5 1
6 4	6 3	6 2	6 1	6 0
7 3	7 2	7 1	7 0	
8 2	8 1	8 0		
9 1	9 0			
10 0				

2D shapes		
Rectangle	A shape with 4 straight sides and 4 vertices.	
Square	A shape with 4 straight sides and 4 vertices.	
Circle	A shape with one curved side and no vertices.	
Triangle	A shape with three straight sides and three vertices.	
Pentagon	A shape with five straight sides and five vertices.	
Hexagon	A shape with six straight sides and six vertices.	
Trapezium	A shape with four straight sides and four vertices.	

Part whole model and key facts

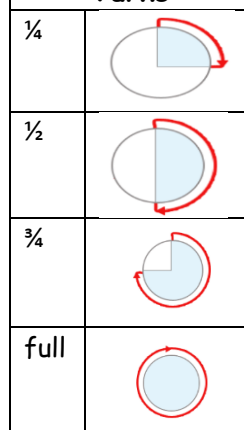


part + part = whole
 part + part = whole
 whole = part + part
 whole = part + part
 whole - part = part
 whole - part = part
 part = whole - part
 part = whole - part

Fractions



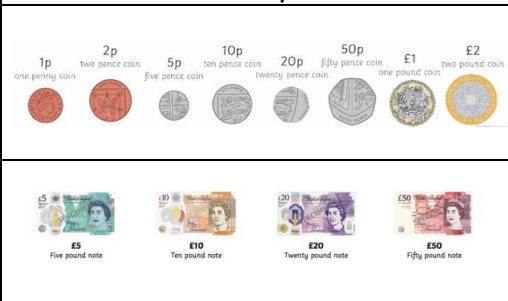
Turns



Time



Money



Times Tables

X	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
5	5	10	15	20	25	30	35	40	45	50	55	60
10	10	20	30	40	50	60	70	80	90	100	110	120

3D shapes

Cylinder



Sphere



