

Year 1: Maths Knowledge Organiser

Numerals and Number Vocabulary			
0	zero	10	ten
1	one	20	twenty
2	two	30	thirty
3	three	40	forty
4	four	50	fifty
5	five	60	sixty
6	six	70	seventy
7	seven	80	eighty
8	eight	90	ninety
9	nine	100	one hundred

Symbols and Vocabulary	
+	plus, add
-	minus, subtract
=	is equal to

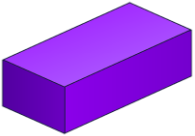
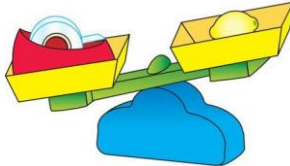
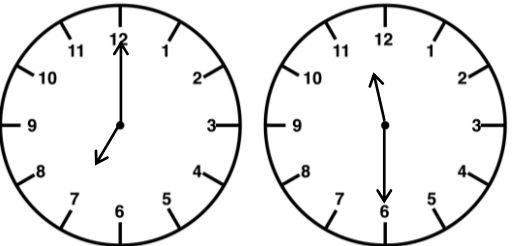
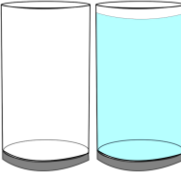
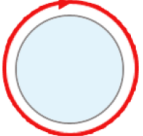
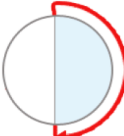
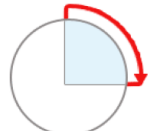
Odd and Even
Odd numbers end in 1, 3, 5, 7, 9
Even numbers end in 2, 4, 6, 8, 0

Counting
Count forwards and backwards from any number to and across 100
Count in 2s 2, 4, 6, 8, 10, 12...
Count in 5s 5, 10, 15, 20, 25, 30...
Count in 10s 10, 20, 30, 40, 50 ...
Say the number one more than...
Say the number one less than...

Doubles, halves and quarters		
Number	double	quarter
6	12	
7	14	
8	16	2
9	18	
10	20	
Number	half	quarter
12	6	3
14	7	
16	8	4
18	9	
20	10	5

Number bonds within 20	
1	1+0
2	2+0 1+1
3	3+0 2+1
4	4+0 3+1 2+2
5	5+0 4+1 3+2
6	6+0 5+1 4+2 3+3
7	7+0 6+1 5+2 4+3
8	8+0 7+1 6+2 5+3 4+4
9	9+0 8+1 7+2 6+3 5+4
10	10+0 9+1 8+2 7+3 6+4 5+5
11	11+0 10+1 9+2 8+3 7+4 6+5
12	12+0 11+1 10+2 9+3 8+4 7+5 6+6
13	13+0 12+1 11+2 10+3 9+4 8+5 7+6
14	14+0 13+1 12+2 11+3 10+4 9+5 8+6 7+7
15	15+0 14+1 13+2 12+3 11+4 10+5 9+6 8+7
16	16+0 15+1 14+2 13+3 12+4 11+5 10+6 9+7 8+8
17	17+0 16+1 15+2 14+3 13+4 12+5 11+6 10+7 9+8 8
18	18+0 17+1 16+2 15+3 14+4 13+5 12+6 11+7 10+8
19	19+0 18+1 17+2 16+3 15+4 14+5 13+6 12+7 11+8 10+9
20	20+0 19+1 18+2 17+3 16+4 15+5 14+6 13+7 12+8 11+9 10+10

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Time – Sticky Knowledge		Key Vocabulary - Measurement		2D Shapes	3D Shapes
There are 24 hours in a day		long / short longer / shorter tall / short double / half 		square 	cube 
There are 60 minutes in an hour				rectangle 	cuboid 
There are 60 seconds in a minute		heavy / light heavier than... lighter than... 		circle 	sphere 
A.M. means in the morning P.M. means in the afternoon					
O’Clock is when the minute hand points to the 12 and the hour hand points at the hour. Half past is when the minute hand points to the six and the hour hand points past the hour.  Seven o'clock Half past eleven		full / empty more than... less than... half full / half empty 		triangle 	cone 
Days of the Week Monday Tuesday Wednesday Thursday Friday Saturday Sunday		Months of the Year January July February August March September April October May November June December		cylinder 	
Direction and Movement					
Whole turn 		Half turn 		Quarter turn 	Three- quarter turn 
pyramid 					