

Year 1: Maths Knowledge Mat

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...**



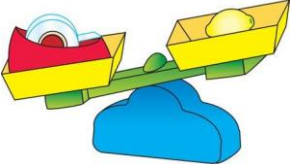
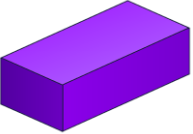
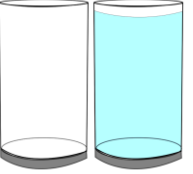






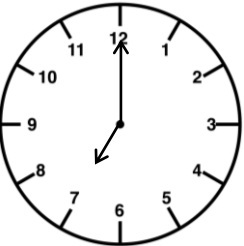
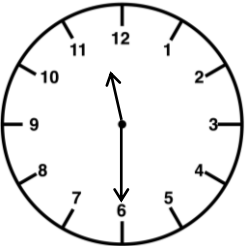
Doubles, halves and quarters

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		
There are 60 seconds in a minute		heavy / light heavier than... lighter than...		circle	cuboid	
A.M. means in the morning				triangle		
P.M. means in the afternoon		full / empty more than... less than... half full / half empty			sphere	
O'Clock is when the minute hand points to the 12 and the hour hand points at the hour.				quicker / slower before / after first / next today / yesterday morning / afternoon / evening		
Half past is when the minute hand points to the six and the hour hand points past the hour.				cylinder		
 Seven o'clock	 Half past eleven			Direction and Movement		pyramid
Days of the Week	Months of the Year	Whole turn	Half turn	Quarter turn	Three- quarter turn	
Monday Tuesday Wednesday Thursday Friday Saturday Sunday	January July February August March September April October May November June December	