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

There are **24 hours in a day**

There are **60 minutes in an hour**

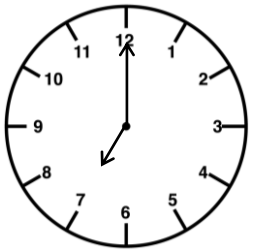
There are **60 seconds in a minute**

A.M. means in the morning

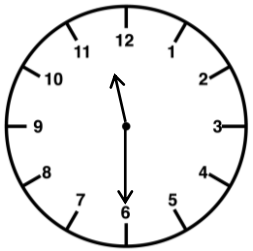
P.M. means in the afternoon

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

Days of the Week

Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday

Months of the Year

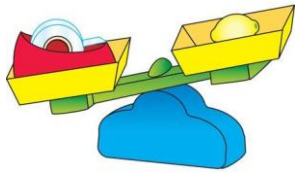
January
February
March
April
May
June
July
August
September
October
November
December

Key Vocabulary - Measurement

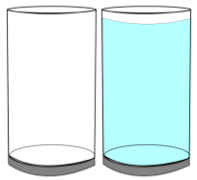
long / short
longer / shorter
tall / short
double / half



heavy / light
heavier than…
lighter than…



full / empty
more than…
less than…
half full / half empty

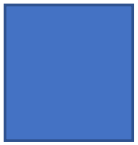


quicker / slower
before / after
first / next
today / yesterday
morning / afternoon / evening



2D Shapes

square



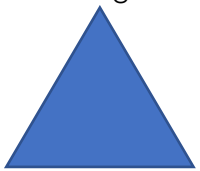
rectangle



circle



triangle

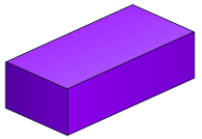


3D Shapes

cube



cuboid



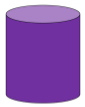
sphere



cone



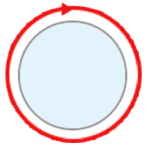
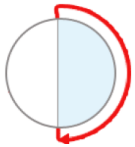
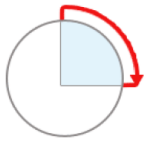
cylinder



pyramid



Direction and Movement

Whole turn	Half turn	Quarter turn	Three- quarter turn
			

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