

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

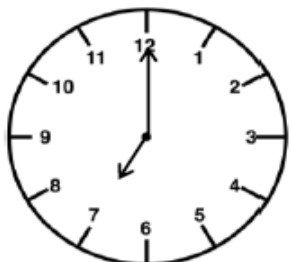
There are **60 seconds** in a minute

A.M. means in the morning

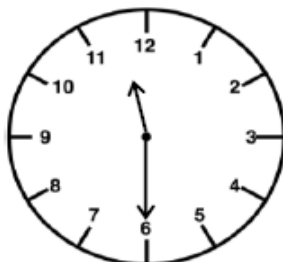
P.M. means in the afternoon

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

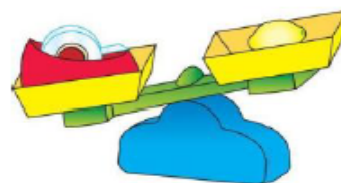
January	July
February	August
March	September
April	October
May	November
June	December

Key Vocabulary - Measurement

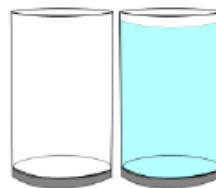
long / short
longer / shorter
tall / short
double / half



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

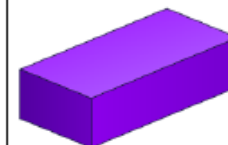


3D Shapes

cube



cuboid



sphere



cone



cylinder

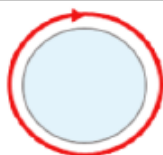


pyramid

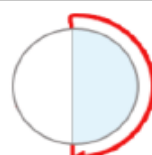


Direction and Movement

Whole turn



Half turn



Quarter turn



Three-quarter turn

