Year 1 Maths Knowledge Organiser

Numerals and Number Names

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

Derived Facts

whole

part

part

part + part = whole	3 + 1 = 4
part + part = whole	1 + 3 = 4
whole - part = part	4 - 3 = 1
whole - part = part	4 - 1 = 3

Number Bonds Within 10

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

Symbols and Language

+	plus add
-	minus subtract
=	is equal to
5 – 3 = 2	difference
odd numbers	numbers ending with 1, 3, 5, 7 or 9
even numbers	numbers ending with 2, 4, 6, 8 or 0

Doubles / Halves

Doubles			Halves	
6	12		12	6
7	14		14	7
8	16		16	8
9	18		18	9
10	20		20	10

3D Shapes

sphere	
pyramid	
cube	
cuboid	
cone	
cylinder	

2D Shapes

circle	1 curved side / 0 vertices
triangle	3 straight sides / 3 vertices
rectangle	4 straight sides / 4 right-angled vertices

Place Value Grid

tens	ones
10	1

Time

24 hours in a day.	60 minutes in an hour
60 seconds in a minute	
A.M. - Morning	P.M. - Afternoon
Midday – 12:00PM	Midnight – 12:00AM

Half past

Turns

Quarter Turn	Three-quarter Turn	Clockwise	Anti-clockwise