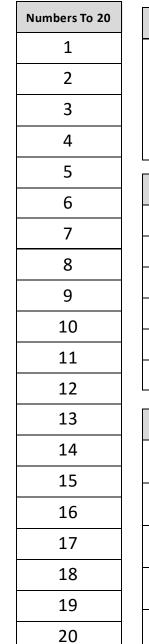
Foundation Maths Organiser

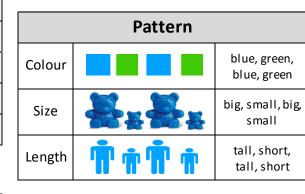


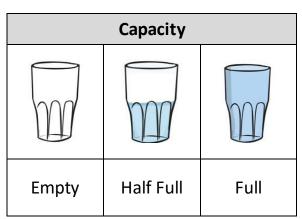
Number Bonds Within 5						
1	2	3	4	5		
0+1	0 + 2	0 + 3	0 + 4	0 + 5		
	1+1	1+2	1+3	1+4		
			2 + 2	2 + 3		

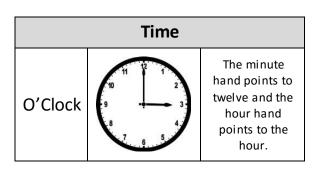
Dou	bles	Halves		Lan	guage
0	0	0	0	5 + 3	Addition
1	2	2	1	8 - 3	Subtraction
2	4	4	2	+	Plus
3	6	6	3	-	Subtract
4	8	8	4	I	Is Equal To
5	10	10	5		

Quantity To 10					
1		6	••••		
2		7			
3		8			
4		9			
5	••••	10			

Sha	Shapes				
circle					
triangle	\triangle				
square					
rectangle					







Months Of The Year						
January	February	March				
April	May	June				
July	August	September				
October	November	December				

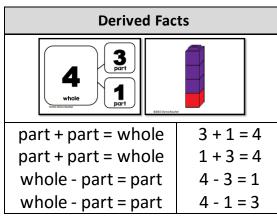
Weight						
Heavy / Heavier / Heaviest						
Light / Lighter / Lightest						
Balanced / Equal						

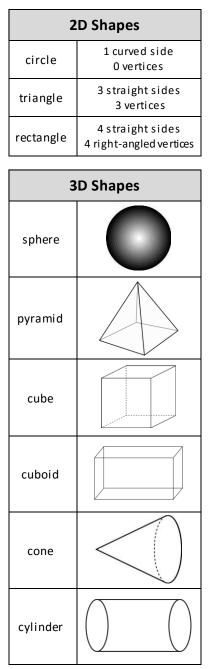
Year One Maths Organiser

Doubles				
6	12			
7	14			
8	16			
9	18			
10	20			

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

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





1	Nume	rals an	d Num	ber Names			
0	ze	ro	10	ten	Qua	rter Turn	
1	or	ne	20	twenty	(
2	tv	vo	30	thirty			
3	thr	ee	40	forty		ht angle ter turn	
4	fo	ur	50	fifty		90°	
5	fiv	/e	60	sixty	Clo	ockwise	
6	si	x	70	seventy			
7	sev	/en	80	eighty	T		
8	eig	ght	90	ninety			
9	niı	ne	100	one hundred			
N	umb	er Bo	onds \	Within 10		11 12	
	-		0 +	6,1+5	Half Past	·• +	
6	0		2 +	4, 3 + 3			
7	7		0 + 7, 1 + 6 2 + 5, 3 + 4		24 hou	irs in a da	
٤	3	0 + 8, 1 + 7, 2 + 6 3 + 5, 4 + 4					60 se
9	9	0 + 9, 1 + 8, 2 + 7 3 + 6, 4 + 5				A.M.	- Mornin
1	0	0 + 10, 1 + 9, 2 + 8 3 + 7, 4 + 6, 5 + 5		Midday	v — 12:00		
					Place Value	ue Grid	

Turns					
Quarter Turn	Three-quarter Turn				
1 right angle quarter turn 90 °	3 right angles 3 quarter turns 270 °				
Clockwise	Anti-Clockwise				
Time					
If Past	The long minute hand points to six and the short hour hand points past the hour.				
24 hours in a day.	60 minutes in an hour				
-	60 minutes in an hour				
-					

Place Value Grid					
	tens	ones			
Numeral	10	1			

Year Two Maths Organiser

Dou	bles	Hal	
11	22	22	
12	24	24	
13	26	26	
14	28	28	
15	30	30	
16	32	32	
17	34	34	
18	36	36	
19	38	38	
20	40	40	

lves		Bonds	To 20
	11	0	20
	12	1	19
	13	2	18
	14	3	17
	15	4	16
	16	5	15
	17	6	14
	18	7	13
	19	8	12
	20	9	11
		10	10

Bonds Up To 20				
19 = 0 + 19	19 = 5 + 14			
19 = 1 + 18	19 = 6 + 13			
19 = 2 + 17	19 = 7 + 12			
19 = 3 + 16	19 = 8 + 11			
19 = 4 + 15	19 = 9 + 10			

Derived Facts						
4 whole port						
part + part = whole	3 + 1 = 4					
part + part = whole	1 + 3 = 4					
whole = part + part	4 = 3 + 1					
whole = part + part	4 = 1 + 3					
whole - part = part	4 - 3 = 1					
whole - part = part	4 - 1 = 3					
part = whole - part	1 = 4 - 3					
part = whole - part	3 = 4 - 1					

	Fractions					
$\frac{1}{2}$		c	one ha	lf		
1	L B	0	ne thii	rd		
	$\frac{2}{3}$ two thirds			ds		
1	L 1	one quarter				
	3	three quarters				
1	5	one fifth				
	1/2 = 2/4					
N	Multiplication Tables					
х	2	3	5	10		

Multiplication Tables					
х	2	3	5	10	
1	2	3	5	10	
2	4	6	10	20	
3	6	9	15 30		
4	8	12	20	40	
5	10	15	25	50	
6	12	18	30	60	
7	14	21	35	70	
8	16	24	40	80	
9	18	27	45	90	
10	20	30	50	100	
11	22	33	55	110	
12	24	36	60	120	

2D Shapes				
Quadrilateral	Four straight sides Four vertices			
Pentagon	Five straight sides Five vertices			
Hexagon	Six straight sides Six vertices			
Polygon	A closed shape with three or more straight sides			
Regular Shape	A shape where all sides are equal and all angles are equal			
Irregular Shape	A shape with sides or angles of different sizes			
Has a line of symmetry	R			
Does not have a line of symmetry				
3D Shapes				
Faces, Edge and Verticies				

Vertex

Face

	Turns						
	Qua	rter Turn	Three-quarter Turn				
		ht angle	7	3 right angles			
n	quar	ter turn 90°		quarter turns 270°			
_							
I		Tim	e				
r	Quarter Past	\bigcirc	The minute hand points to three and the hour hand points past the hour.				
	Quarter To		to nine hand p	ute hand points e and the hour points near the ext hour.			
		Numbers	to 1000				
	100	one hundred	600	six hundred			
	200	two hundred	700	seven hundred			
	300	three hundred	800	eight hundred			

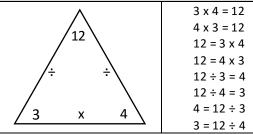
	Numbers	101000	
100	one hundred	six hundred	
200	two hundred	700	seven hundred
300	three hundred	800	eight hundred
400	four hundred	900	nine hundred
500	five hundred	1000	one thousand

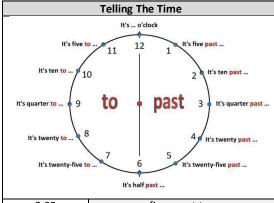
Place Value Grid					
hundreds tens ones					
Numeral	100	10	1		

Year Three Maths Organiser

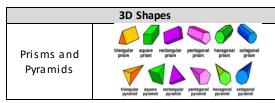
Measurements

	Number Bonds To 100						
0	100		20	80	<u> </u>	35	65
5	95		25	75		40	60
10	90		30	70		45	55
15	85					50	50
ľ	Multiplication and Division – Derived Facts						
					2	. 1 _ 1	`





2.05	five past two		
3.10	ten past three		
19.20	twenty past seven		
16.25	twenty-five past four		
8.35	twenty-five to nine		
21.40	twenty to ten		
5.50	ten to six		
12.55	five to one		



Fractions										
$\frac{1}{2}$	one half									
$\frac{1}{3}$	one third									
$\frac{2}{3}$	two thirds									
$ \begin{array}{r} 1 \\ 1 \\ $	one quarter									
$\frac{3}{4}$	three quarters									
$\frac{1}{5}$	one fifth									
$\frac{1}{6}$	one sixth									
$\frac{1}{7}$	one seventh									
$\frac{1}{8}$	one eighth									
$\frac{1}{9}$	one ninth									

	Multiplication Tables													
х	4	8	3	6	9									
1	4	8	3	6	9									
2	8	16	6	12	18									
3	12	24	9	18	27									
4	16	32	12	24	36									
5	20	40	15	30	45									
6	24	48	18	36	54									
7	28	56	21	42	63									
8	32	64	24	48	72									
9	36	72	27	54	81									
10	40	80	30	60	90									
11	44	88	33	66	99									
12	48	96	36	72	108									

Days in a Month									
January	31								
February	28*								
March	31								
April	30								
May	31								
June	30								
July	31								
August	31								
September	30								
October	31								
November	30								
December	31								
Leap year is 366 o	days with 29 days in								
February									

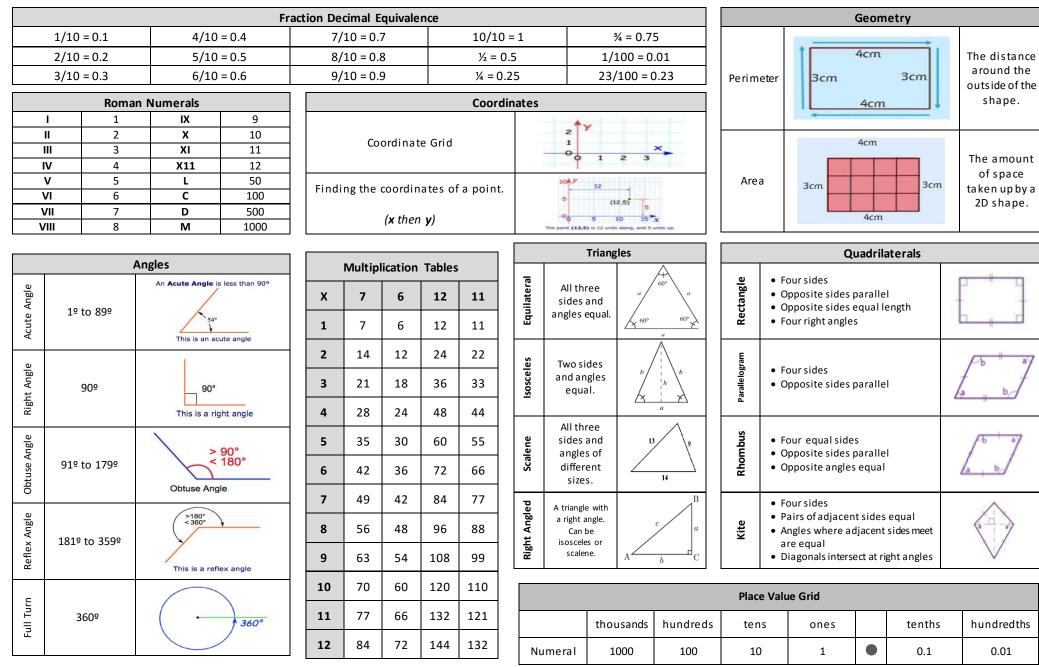
mm in a cm	10 n	nm = 1 cm	m in a k	m	1000m = 1km						
mm in a m	1000) mm = 1 m	g in a k	g	1000g = 1 kg						
cm in a m	100	cm = 1 m	ml in a	I	1000 ml = 1 l						
60 seconds i minute.	n a	60 minu ho	tes in an ur.	24 hours in one day.							
7 days i	n a we	ek.	12 months in one year.								

2D Shapes								
trianglo	a three sided							
triangle	polygon							
quadrilatoral	a four sided							
quadrilateral	polygon							
nontagon	a five sided							
pentagon	polygon							
hexagon	a six sided							
nevagon	polygon							
heptagon	a seven sided							
neptagon	polygon							
octagon	an eight sided							
occagon	polygon							
nonagon	a nine sided							
nonagon	polygon							
decagon	a ten sided							
uccagon	polygon							
hendecagon	an eleven sided							
nendetagon	polygon							
dodecagon	a twelve sided							
dodecagon	polygon							

Geometry										
Vertical	-VERTICAL	Parallel	\rightarrow							
Horizontal	HORIZONTAL	Talalici	\rightarrow							
Perpendicular	\rightarrow	Right Angle	90°							
Quarter Turn	1 right angle quarter turn 90~	Three- quarter Tum	3 right angles 3 quarter turns 270*							
Half Turn	2 right angles 2 quarter turns or half turn 180°	Full Turn	4 right angles 4 quarter turns of full turn 360*							
Peri	meter	3cm The total d the outsid	3cm							

Place Value Grid													
	thousands	hundreds	tens	ones		tenths	hundredths						
Numeral	1000	100	10	1		0.1	0.01						

Year Four Maths Organiser



Upper KS2 Maths Organiser

				. 1									•				and I				- 0		
Cube N	Numbers Cube Roots Prime Numbers					Circle	Circle Geometry																
1 ³	1	√ 1	1		2 17 41 67		radius	a straight line from the centre to the circumference	fa	factors			numbers we multiply together to get other numbers										
2 ³	8	√8	2		3 5	19 23	43 47	71 73	chord	a straight line joining two points on the	m	ultip	e	the result of multiplying a number by an integer									
3 ³	27	√27	3		7	29	53	79		circumference a chord which passes													
4 ³	64	√64	4		11	31	59	83	diameter	through the centre		HCF	ł	lighes	t Con					rgest mber:		share	ed by
	-			i	13	37	61	89	circumference	the circle			_										
5 ³	125	√125	5			Nun	nbers		Roma	an Numerals		LCM									nallest re num	numb bers.	er
Square I	Numbers	Square	Roots			a nur	mber with no	value that	1	1					•	A	aliaati	(Cu: d				
1 ²					0		comes between the positive and negative numbers		V	5					1		olicati				1	1	
1.	1	v 1	1		positive		in liebuilte li		X	10 50	Х	1	2	3	4	5	6	7	8	9	10	11	12
2 ²	4	√4	2		number	anu	a number more than 0		C	100	1	1	2	3	4	5	6	7	8	9	10	11	12
3 ²	9	√9	3		negativ	a number less than ()		D M	500 1000	2	2	4	6	8	10	12	14	16	18	20	22	24	
4 ²	16	√16	4		numbe	A number with exactly					3	3	6	9	12	15	18	21	24	27	30	33	36
5 ²	25	√25	5		prime number	two	two factors, itself and one.		A	ngle Totals	4	4	8	12	16	20	24	28	32	36	40	44	48
6²	36	√3 6	6		composi	te An	umber wit	h more	\$3°, \$7'	Angles around a point total	5	5	10	15	20	25	30	35	40	45	50	55	60
7 ²	49	√49	7		numbe	r th	ian two fa	ctors.	140*	360º	6	6	12	18	24	30	36	42	48	54	60	66	72
8 ²	64	√64	8			Geo	metry		150*	Angles on a straight line total	7	7	14	21	28	35	42	49	56	63	70	77	84
9²	81	v 81	9		volume	20	m J	1	¥	180º	8	8	16	24	32	40	48	56	64	72	80	88	96
10 ²	100	√100	10		Volume	e = length	h x height	x depth	500 000 C	Angles in a quadrilateral	9	9	18	27	36	45	54	63	72	81	90	99	108
11²	121	√121	11		Statistics				A	→ total 360º	10	10	20	30	40	50	60	70	80	90	100	110	120
12 ²	144	√144	12			the sum o		the sum of all data points divided by the number of		Angles in a triangle total	11	11	22	33	44	55	66	77	88	99	110	121	132
13 ²	169	√169	13		mean		data poin		<u>∕50° 60⁰∖</u> B	▲ 180º	12	12	24	36	48	60	72	84	96	108	120	132	144

	Place Value Grid														
	millions hundred ten thousands thousands		thousands hundreds te		tens	ones		tenths	hundredths	thousandths					
Numeral	1,000,000	100,000	10,000	1000	100	10	1	•	0.1	0.01	0.001				