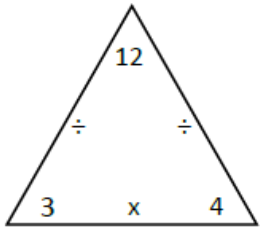
Year Three Maths Organiser

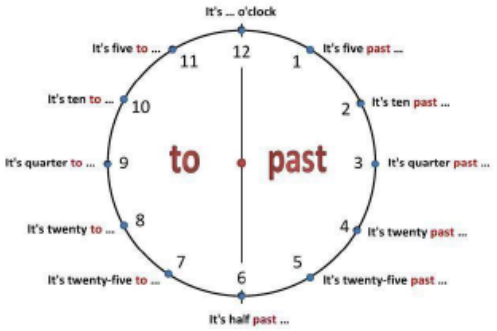
Number Bonds To 100							
0	100		20	80		35	65
5	95		25	75		40	60
10	90		30	70		45	55
15	85					50	50

Multiplication and Division – Derived Facts



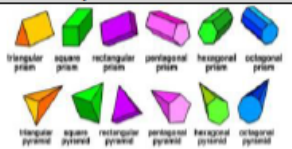
3 x 4 = 12
4 x 3 = 12
12 = 3 x 4
12 = 4 x 3
12 ÷ 3 = 4
12 ÷ 4 = 3
4 = 12 ÷ 3
3 = 12 ÷ 4

Telling The Time



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

3D Shapes

Prisms and Pyramids	

Fractions	
$\frac{1}{2}$	one half
$\frac{1}{3}$	one third
$\frac{2}{3}$	two thirds
$\frac{1}{4}$	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

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 days with 29 days in February	

Multiplication Tables

X	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

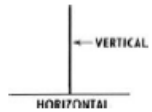
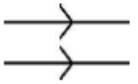
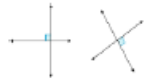
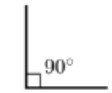
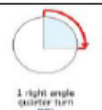
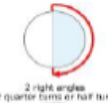
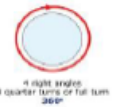
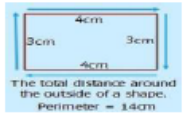
2D Shapes

triangle	a three sided polygon
quadrilateral	a four sided polygon
pentagon	a five sided polygon
hexagon	a six sided polygon
heptagon	a seven sided polygon
octagon	an eight sided polygon
nonagon	a nine sided polygon
decagon	a ten sided polygon
hendecagon	an eleven sided polygon
dodecagon	a twelve sided polygon

Measurements

mm in a cm	10 mm = 1 cm	**m in a km**	1000m = 1km
mm in a m	1000 mm = 1 m	**g in a kg**	1000g = 1 kg
cm in a m	100 cm = 1 m	**ml in a l**	1000 ml = 1 l
60 seconds in a minute.	60 minutes in an hour.		24 hours in one day.
7 days in a week.		12 months in one year.	

Geometry

Vertical Horizontal		Parallel	
Perpendicular		Right Angle	
Quarter Turn		Three-quarter Turn	
Half Turn		Full Turn	
Perimeter			

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