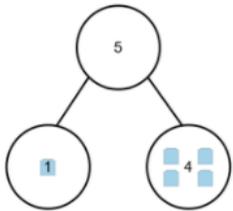


Maths Knowledge Organiser Year Two

Key Vocabulary and symbols

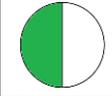
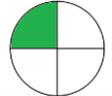
X	÷
multiplicand X multiplier = product	dividend ÷ divisor = quotient
Multiply, multiplication, times, groups of, x times bigger, factor, multiple	Divide, division, shared, grouped, X smaller than
$4 \times 6 = 24$ $24 = 6 \times 4$	$12 \div 4 = 3$ $12 \div 3 = 4$
< less than	> more than
= equal to	

Part whole model and key facts



part + part = whole
 part + part = whole
 whole = part + part
 whole = part + part
 whole - part = part
 whole - part = part
 part = whole - part
 part = whole - part

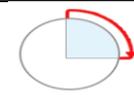
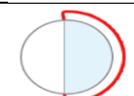
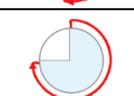
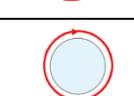
Fractions

$\frac{1}{2}$		$\frac{1}{4}$	
$\frac{1}{3}$		$\frac{1}{2} = \frac{2}{4}$	

Conversions

centimetres (cm) in a metre (m)	100cm = 1m
pence (p) in a pound (£)	100p = £1
Minutes in an hour	60 minutes = 1 hour

Turns

$\frac{1}{4}$	
$\frac{1}{2}$	
$\frac{3}{4}$	
full	

Place Value Columns

thousands	hundreds	tens	ones
1,000	100	10	1

Number bonds 11 to 20

11	12	13	14	15
0 11	0 12	0 13	0 14	0 15
1 10	1 11	1 12	1 13	1 14
2 9	2 10	2 11	2 12	2 13
3 8	3 9	3 10	3 11	3 12
4 7	4 8	4 9	4 10	4 11
5 6	5 7	5 8	5 9	5 10
	6 6	6 7	6 8	6 9
			7 7	7 8

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

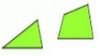
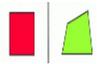
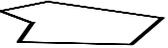
Time

Quarter past		Quarter to	
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Times Tables

X	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
5	5	10	15	20	25	30	35	40	45	50	55	60
10	10	20	30	40	50	60	70	80	90	100	110	120
4	4	8	12	16	20	24	28	32	36	40	44	48

2D shapes

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	
Quadrilateral	Four straight sides Four vertices	
Pentagon	Five straight sides Five vertices	
Hexagon	Six straight sides Six vertices	
Has a line of symmetry		
Does not have a line of symmetry		

3D shapes

