Numeracy Key Facts Booklet



St Bernard's Primary School Primary 5



I know number bonds to 100

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

Some examples:

60 + 40 = 100	37 + 63 = 100
40 + 60 = 100	63 + 37 = 100
100 - 40 = 60	100 - 37 = 63
100 - 60 = 40	100 - 63 = 37
75 + 25 = 100	48 + 52 = 100
25 + 75 = 100	52 + 48 = 100
25 + 75 = 100 100 - 25 = 75	52 + 48 = 100 100 - 52 = 48

This list includes some examples of facts that children should know. They should be able to answer questions including missing number questions. e.g. $49 + \Box = 100$ or $100 - \Box = 72$

Key Vocabulary
What do I add to 65 to make 100?
What is 100 take away 6?
What is 13 less than 100?
How many more than 98 is 100?

	M	ulti	plic	atio	on t	able	<u>es</u>						Count in Multiples
				Tir	mes T	able	- 12x	12					Skip - Count by
	1	2	3	4	5	6	7	8	9	10	11	12	Multiples
1	1	2	3	4	5	6	7	8	9	10	11	12	Multiples
2	2	4	6	8	10	12	14	16	18	20	22	24	2, 4, 6, 8, 10, 12, 14, 16, 18
3	3	6	9	12	15	18	21	24	27	30	33	36	3, 6, 9, 12, 15, 18, 21, 24, 27
4	4	8	12	16	20	24	28	32	36	40	44	48	4, 8, 12, 16, 20, 24, 28, 32, 36
5	5	10	15	20	25	30	35	40	45	50	55	60	5, 10, 15, 20, 25, 30, 35, 40, 45
6	6	12	18	24	30	36	42	48	54	60	66	72	<u>6</u> , 12, 18, 24, 30, 36, 42, 48, 54
7	7	14	21	28	35	42	49	56	63	70	77	84	7, 14, 21, 28, 35, 42, 49, 50, 04
8	8	16	24	32	40	48	56	64	72	80	88	96	
9	9	18	27	36	45	54	63	72	81	90	99	108	2, 10, 20, 30, 40, 50, 60, 70, 80, 90
10	10	20	30	40	50	60	70	80	90	100	110	120	11, 22, 33, 44, 55, 66, 77, 88, 99
11	11	22	33	44	55	66	77	88	99	110	121	132	12, 24, 36, 48, 60, 72, 84, 96, 108
12	12	24	36	48	60	72	84	96	108	120	132	144	
Pup	oils r	nus	R 7 t kn	emei × 8 OW	mber = 56 all c	e: E: E: Orre	3 x 7 espc	7 = 5 ondi	<mark>6</mark> ng c	divis	ion	facts	Pupils must be able to count forwards and backwards using the multiples up to x12

Factors

Pupils must be able to recall factor pairs for all multiples within their times tables.

4/10 Factor pairs

The number 12 can be made from these factor pairs

1 x 12 2 x 6	From these factor pairs we
3 × 4	can see that
4 × 3	the factors of
6 x 2	12 are: 1, 2, 3,
12 × 1	4, 6, 12





Key Words in Problem Sovling



Properties of 2D Shapes

2 D) Sh	apes	
Name		Sides	Vertices
triangle		3	3
circle		1	0
square		4	4
rectangle		4	4
pentagon		5	5
hexagon		6	6
oval		1	0
rhombus		4	4
trapezium		4	4
parallelogram		4	4

Properties of 3D Shapes

3D Shanes

SP Shapes						
Name	Surf	aces	Edg	ges	Vertices	Picture
Nume	Flat	Curved	Flat	Curved		
sphere	0	1	0	0	0	
cube	6	0	12	0	8	
cuboid	6	0	12	0	8	
cone	1	1	0	1	0	\bigtriangledown
cylinder	2	1	0	2	0	
square-based pyramid	5	0	8	0	5	
tetrahedron	4	0	6	0	4	
triangular prism	5	0	9	0	6	





12-hour time
12 a.m. (midnight)
1 a.m.
2 a.m.
3 a.m.
4 a.m.
5 a.m.
6 a.m.
7 a.m.
8 a.m.
9 a.m.
10 a.m.
11 a.m.
12 p.m. (noon)
1 p.m.
2 p.m.
3 p.m.
4 p.m.
5 p.m.
6 p.m.
7 p.m.
8 p.m.
9 p.m.
10 p.m.
11 p.m.