

## Welcome to our Year 2 Maths Workshop

Please find your child's place and sit beside them.

Please help yourself to a drink and a biscuit.





## <u>Aims</u>

To show you how we teach 'number' skills at school, including place value, addition and subtraction.

• To share some of the equipment we use in school.

 To show you how you could support your child with their Maths at home.



## I can talk to you about my number.



The value of the 2 is 20. The value of the 6 is 6.





10p + 10p + 5p + 1p = 26p

<u>Challenge</u>: Use different coins to make 26p.

<u>Challenge</u>: Partition the number in different ways.

Task 2: Talk about your number.

Record your number facts on a whiteboard if you want to.

26 = 20 + 6



## 100 square

27 + 6 =

43 + 20 =

54 + 32 =

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Task 3: Try some addition challenges.



## 100 square

21 - 4 =

52 - 20 =

87 - 34 =

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100





## Mental Maths

- odd and even numbers
- number bonds to 10 and 20, and numbers up to 20 e.g. 4+5=9, 9+2=11. and apply e.g. 18 = 9 + ?
- number bonds to 100 (10s then 5s)
- instant recall of doubles of all numbers to 20
- instant recall of halves of all numbers to 20
- count forwards and backwards in 2s, 5 and 10s build towards recalling multiplication and division facts for these times tables and applying knowledge when solving problems



### Some expectations for 'secure'

- Partition 2-digit numbers in different ways, e.g. 23 is 2 tens and 3 ones, 1 ten and 13 ones.
- Add 2-digit numbers, e.g. 48 + 35.
- Use estimation to explain why answers are reasonable, e.g. 48 + 35 will be less than 100.
- Subtract mentally 74 33.
- Use inverse relationships to check calculations and work out missing numbers, e.g. ? - 14 = 28.
- Make amounts of money using different coins, e.g. 50p, and how many £2 coins in a £20 note.



# Which other aspects of Maths could I help my child with?

#### Time

o'clock, half past, quarter past, quarter to

(exceeding - 5 minutes intervals)

### Shape

name and describe 2D shapes, e.g. circle, triangle, square, rectangles, pentagons, hexagons and octagons – How many sides? How many corners? How many lines of symmetry?

name, describe and compare 3D shapes, e.g. sphere, cone, cylinder, cube, cuboid, prism, pyramid – How many faces? How many edges? How many vertices? If I draw around a face, which 2D shape will I see?

#### Measure

draw and measure lines in whole centimetres read scales for length, mass and capacity, e.g. scales counting in 1s, 2s and 10s.

### Fractions

work out  $\frac{1}{2}$  and  $\frac{1}{4}$  of shapes by folding

find fractions of amounts by sharing them into 2 halves, 4 quarters, 3 thirds, e.g. What is  $\frac{1}{2}$  of 8? What is  $\frac{3}{4}$  of 12? What is 1/3 of 21?

## Thank you very much for coming to our workshop!

Please take your worksheet information pack home.

There is a number line and a 100 square in your child's Home Link book.

Maths homework throughout the year will continue to provide guidance and resources for supporting your child with Maths.

We hope you will fill in and return your questionnaire to help us to continue to improve our provision for parents and children at Five Ways.