Yr1 : Mathematical Development

Year One : **Brian Bear's Picnic!**

This week, we will be counting in 10s to 100, forwards and backwards.
We will also be looking at 'symmetry in nature' and looking for the 'line of symmetry'

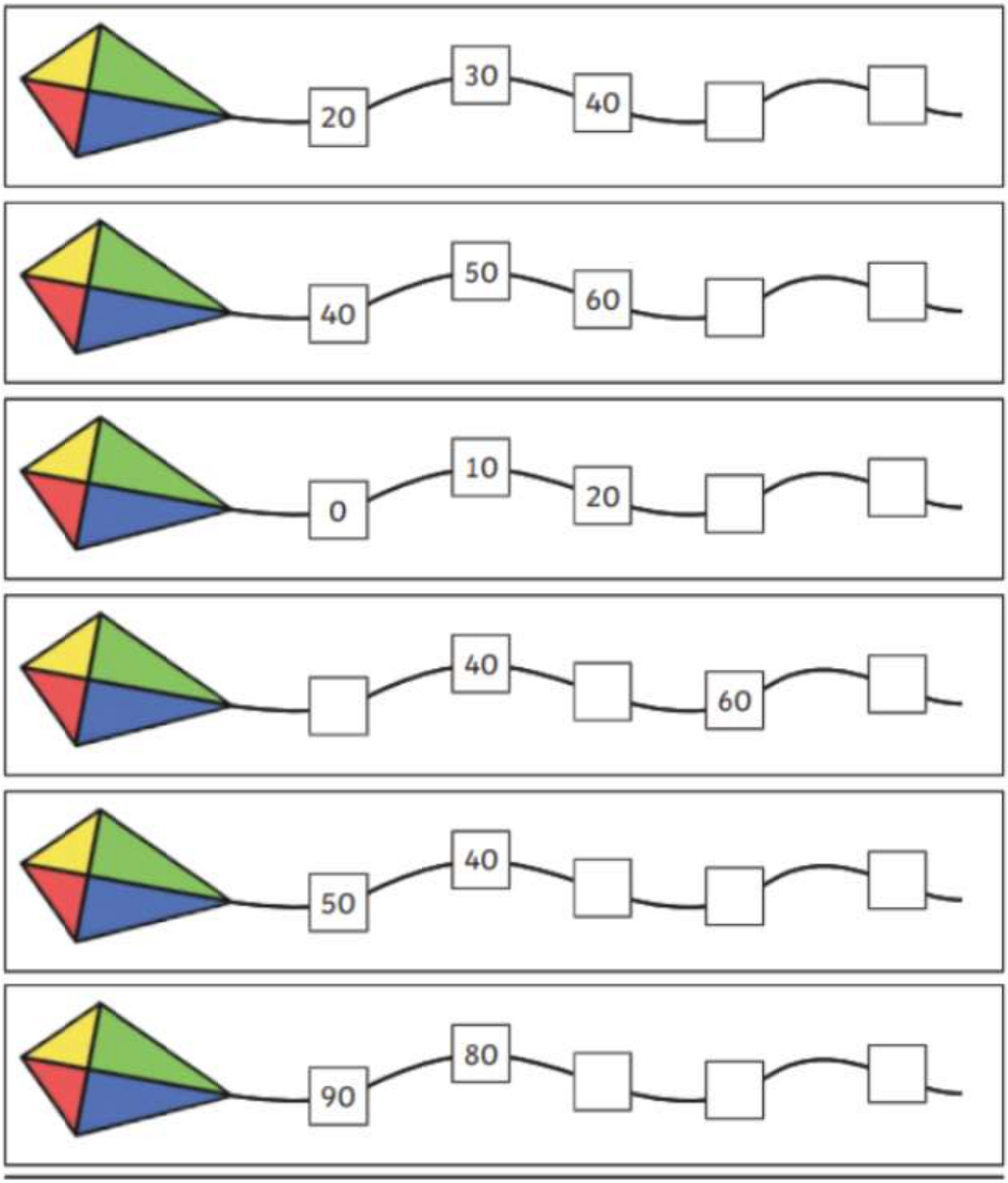
I can….. count in 10s to 100
I can….. use my knowledge of number to solve problems
I can….. recognise and complete a symmetrical picture or simple shape

We will do introductions in class and activities will be sent home in the 'pack'

Counting in Tens

Fill in the missing numbers. Use this number line to help you:

10	20	30	40	50	60	70	80	90	100



Counting in 10s Maze

Start	10	20	9	2	3	1
4	11	30	23	16	18	22
38	33	40	50	55	48	28
52	58	59	60	62	58	65
62	65	71	70	66	72	73
77	88	90	80	83	82	93
94	98	100	99	101	94	93
104	108	110	120	130	98	96
103	105	138	144	140	150	**Finish**

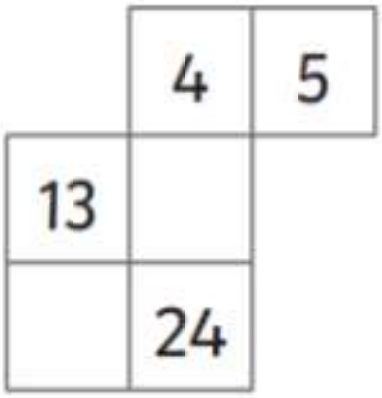
100 squares are great because they show children some of the natural patterns in numbers and enable them to investigate how numbers relate. If a child can fill in random sections of a number square as in these activities, they are showing a good understanding of number patterns and place value. If necessary, let your child have a glimpse of the whole number square, but encourage them to try and think about how the number patterns change as you go across the row (digits go up by one) or down the columns (tens go up by one).

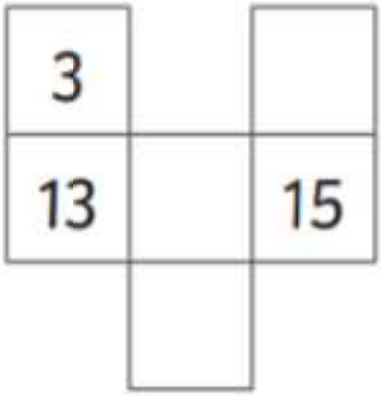
Number Square Jigsaws

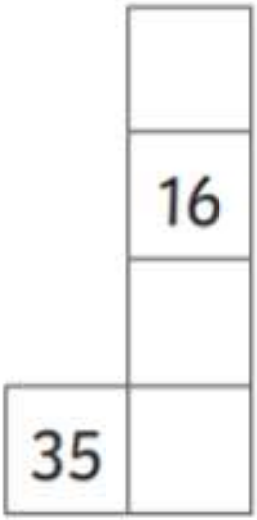
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

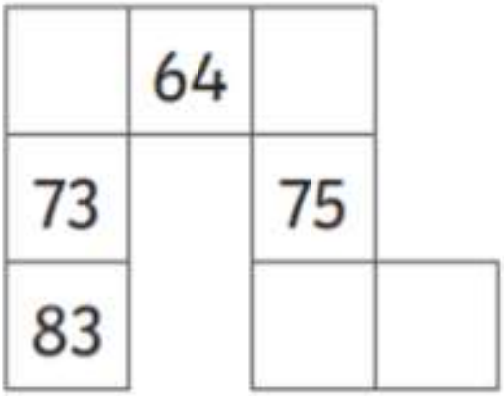
Number Jigsaws

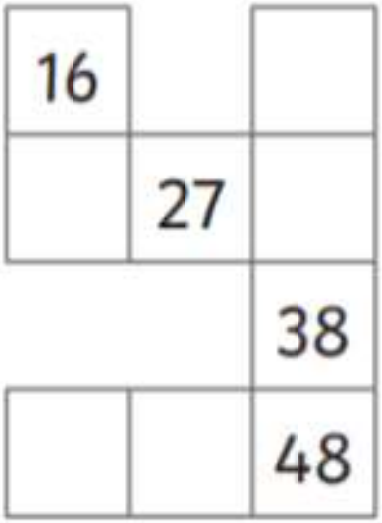
Someone has broken the number square into pieces!
Can you fill in the missing numbers?

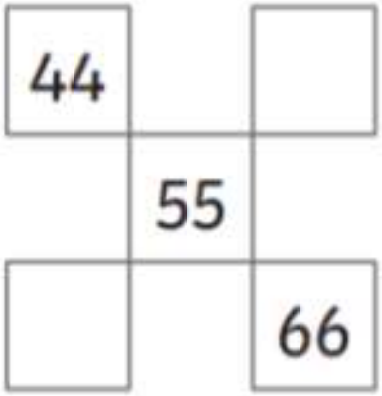


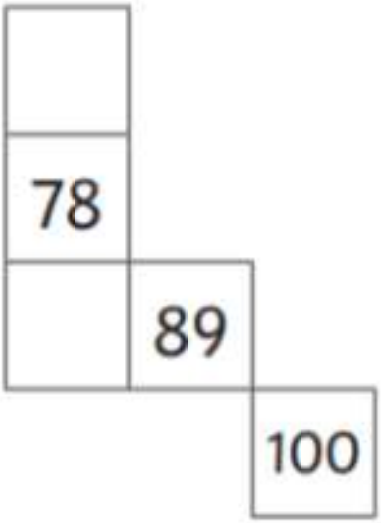






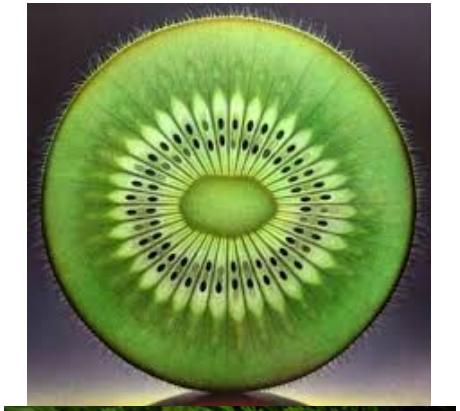
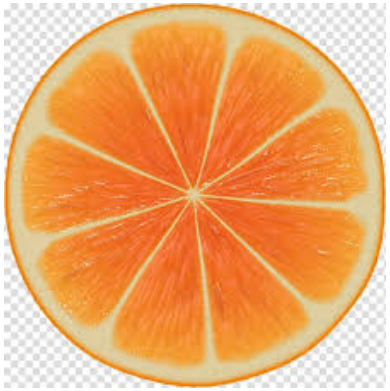






Symmetry in Nature

Symmetry is not only one of the core mathematical concepts, but is also a fascinating area of exploration. Did you know honeycombs, which we learnt about last, are symmetrical? Butterflies, spider webs, sunflowers and snowflakes are all examples of beautiful symmetry in the natural world.
What examples of symmetry can you find in nature? You don't even need to leave your house, have a peek in your fruit bowl or around your garden.
Take a look at this clip for some inspiration https://www.youtube.com/watch?v=KMC_1dVtd4c



Spring Lines of Symmetry

Complete the other halves of these spring pictures.

Are these lines of symmetry correct? Tick or cross.