Ashfield Valley Primary School— Year 1-Spring 1- Maths Knowledge Organiser

Place value

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

HOPE

Addition and subtraction

Number bonds to 20

1 + 19	19 + 1
2 + 18	18 + 2
3 + 17	17 + 3
4 + 16	16 + 4
5 + 15	15 + 5
6 + 14	14 + 6
7 + 13	13 + 7
8 + 12	12 + 8
9 + 11	11 + 9
10 + 10	10 + 10
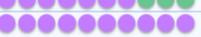
Find one more or one less

Number Line

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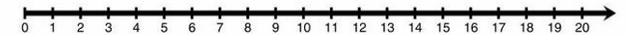
Times tables practise

10 Times Table

$$10 \times 0 = 0$$
$$10 \times 1 = 10$$
$$10 \times 2 = 20$$
$$10 \times 3 = 30$$
$$10 \times 4 = 40$$
$$10 \times 5 = 50$$
$$10 \times 6 = 60$$
$$10 \times 7 = 70$$
$$10 \times 8 = 80$$
$$10 \times 9 = 90$$
$$10 \times 10 = 100$$
$$10 \times 11 = 110$$
$$10 \times 12 = 120$$

Fractions

Year 1 Fractions
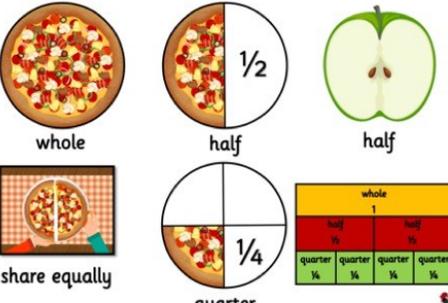
whole | half | half — $\frac{1}{2}$

share equally | quarter — $\frac{1}{4}$

whole 1	
half ½	half ½
quarter ¼	quarter ¼	quarter ¼	quarter ¼

Knight Owl Teaching Resources

Measurement

Measuring Weight

We use scales to measure **grams**.

A gram is a small unit of measurement that we use to measure how heavy or light something is. We can write gram as g.

We measure the following using grams:

We also use scales to measure **kilograms**.

A kilogram is a larger unit of measurement that we use to measure how light or heavy something is. We can write kilogram as kg.

We measure the following using kilograms:

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