Supporting your child at home

Year 2

Gorringe Park Primary School

A guide for parents

Year 2

By the end of Y2 your child should be mentally fluent with whole numbers, counting and place value.

Your child should know the number bonds to 20 and be precise in using and understanding place value.

Your child should be able to count in 2's 3's 5's and 10's

Using practical resources, your child can work with numerals, words and the four operations (eg concrete objects and measuring tools).

Using a range of measures, your child can recognise, describe, draw, compare and sort different shapes and use the related vocabulary.

Your child should be able to describe and compare different quantities such as length, mass, capacity/volume, time and money.

A child can read and spell mathematical vocabulary at a level consistent with their increasing word reading and spelling knowledge at key stage 1.

Complete:

Fill in the missing numbers and explain what you notice.

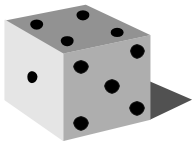
$23 + \square = 30$ $33 - \square = 30$

$43 + \square = 50$ $53 - 3 = \square$

Find different possibilities.

$\square + \square = 50$

$50 - \square = \square$



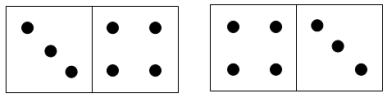
Pasta subtraction

For this game you need a dice
and some dried pasta or buttons.

- Start with a pile of pasta in the middle. Count them.
- Throw a dice. Say how many pieces of pasta will be left if you subtract that number.
- Then take the pieces of pasta away and check if you were right!
- Keep playing.
- The person to take the last piece wins !

Dominoes

Using a set of dominoes, take it in turns to turn one over and assign a value to each digit.
e.g. this could be 34 or 43



Whoever turns over the highest scores 1 point – first to 10.

Or on each turn add your dominoes together first to 100.

At Home…

After you have been shopping, choose 6 different items each costing less than £1. Make a price label for each one,
e.g. 39p, 78p. Shuffle the labels. Then ask your child to do
one or more of these.

- Place the labels in order, starting with the lowest.
- Say which price is an odd number and which is an even number.
- Add 9p to each price in their head.
- Take 20p from each price in their head.
- Say which coins to use to pay exactly for each item.
- Choose any two of the items, and find their total cost.
- Work out the change from £1 for each item.

How much?

- Once a week, tip out the small change
- from a purse. Count it up with your child.

On a car journey/walking…

- Recognising bus numbers
- Looking at road signs and read distances
- How much further to their destination?
- Number plate hunt. Who can find a 3 digit number? Add the numbers up.
- Look for numbers in words e.g. Twenty Seven

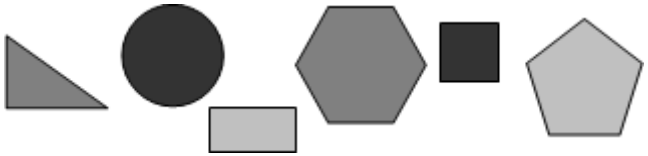
Time

- How long until dinner? Breakfast?
- How long until bed time?
- Help with birthday card buying using the calendar.

Going shopping

- Reading price tags, find the most expensive and the cheapest?
- Counting items into the basket
- Finding and counting coins
- Comparing weights – what are they measured in? Can you find an item that is heavier than 1kg?

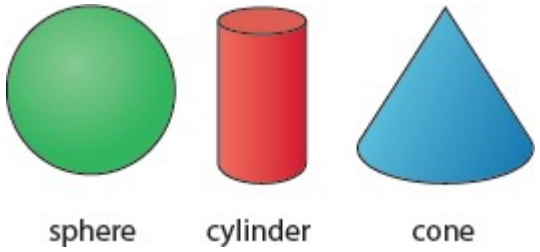
Guess my shape



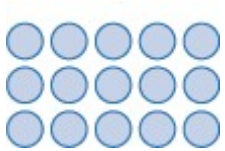
- Think of a 2-D shape (triangle, circle, rectangle, square, pentagon or hexagon). Ask your child to ask questions to try and guess what it is.
- You can only answer Yes or No. For example, your child could ask: Does it have 3 sides? or: Are its sides straight?
- See if he can guess your shape using fewer than five questions.
- Now ask them to choose a shape so you can ask questions.

- Identify an object in the room – describe the object using the language of 3D shapes e.g. cube, cylinder, cuboid.
- Describe the faces, lines of symmetry, number of edges…
- Which object was being described?

- Identify around the house different 3D shapes.



This array represents 5 × 3 = 15.



Write three other multiplication or addition facts that this array shows.
Write one division fact that this array shows.

Explaining your reasoning…

Fill in the missing shape to complete the pattern.

Explain your reasoning

If the pattern continued what would the tenth shape be?

Explain your reasoning.

I think that…because…

I chose…because…

I found the pattern… so…

Use these openings to support your child in answering questions.

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

×	1	2	3	4	5	6	7	8	9	10	11	12
1	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
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
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
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144