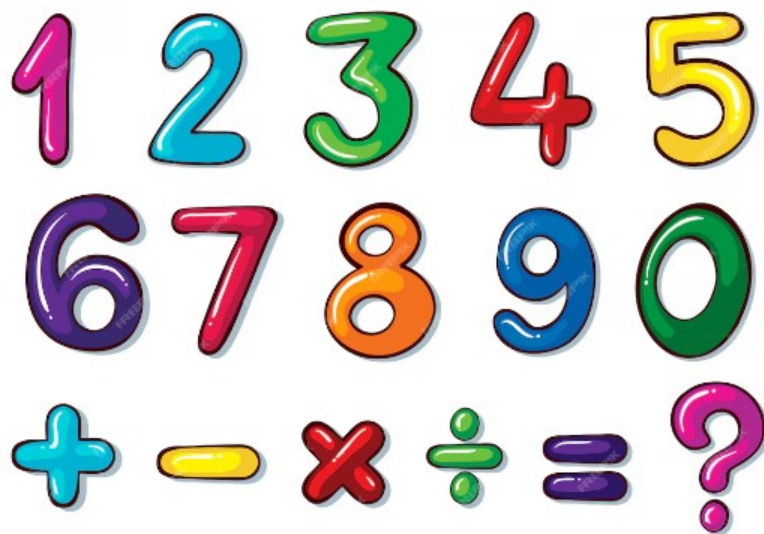


Greythorn Primary School

Maths

Y3



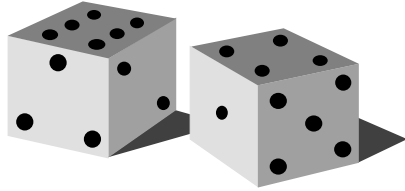
Year 3

- Compare & order numbers up to 1000.
- Read & write all numbers to 1000 in digits and words.
- Find 10 or 100 more/less than a given number.
- Count from 0 in multiples of 4, 8, 50 and 100.
- Recall & use multiplication & division facts for 3, 4, 8 tables.
- Recognise place value of any 3-digit number.
- Add and subtract: 3-digit nos and ones, 3-digit nos and tens, 3-digit nos and hundreds
- Add and subtract: Numbers with 2/3-digits using written column method.
- Estimate and use inverse to check.
- Multiply: 2-digit by 1-digit
- Count up/down in tenths.
- Compare and order fractions with same denominator.
- Add and subtract fractions with same denominator with whole.
- Recognise, find and write fractions for a set of objects.
- Tell time using 12 and 24 hour clocks; and using Roman numerals.
- Tell time to nearest minute.
- Know number of days in each month and number of seconds in a minute.
- Add and subtract amounts of money to give change.
- Measure, compare, add and subtract lengths (mm, cm, m).
- Recognise right angles and say if an angle is greater than or less than a right angle.
- Interpret and present data using pictograms and bar charts.

Fun activities to do at home

Number games

Roll two dice. Make two-digit numbers, e.g. if you roll a 6 and 4, this could be 64 or 46. If you haven't got two dice, roll one dice twice. Ask your child to do one or more of the activities below.



Count on or back from each number in tens or hundreds.

Add 19 to each number in their head. (A quick way is to add 20 then take away 1.)

Subtract 9 from each number. (A quick way is to take away 10 then add back one.)

Double each number.

Fractions

Use 12 buttons, or paper clips or dried beans...

Ask your child to find **half** of the 12 things.

Now find one **quarter** of the same group.

Find one **third** of the whole group.

Repeat with other numbers.



Cupboard maths

Ask your child to look at the weights printed on jars, tins and packets in the food cupboard, e.g. tinned tuna 185g tinned tomatoes 400g jam 454g

Choose six items. Ask your child to put them in order.

Is the largest item the heaviest?

Board games

For these games you need to sketch a board like this. Notice how the numbers are arranged.

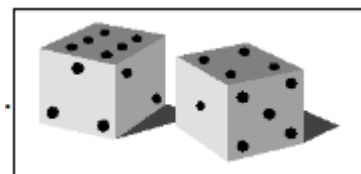
- Start on 1. Toss a coin. If it lands heads, move 1 place along. If it lands tails, add 10, saying the total correctly before moving. First person to reach the bottom row wins.
- Start anywhere on the board. Roll a dice. Even numbers move you forwards and odd numbers move you backwards. If you land on a multiple of five, you can move either 10 forwards or 10 backwards. The first person to reach either

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

Bean race

You need two dice and a pile of dried beans.

- Take turns to roll the two dice.
- Multiply the two numbers and call out the answer.
- If you are right, you win a bean. The first to get 10 beans wins.



Secret sums

- Ask your child to say a number, e.g. 43.
- Secretly do something to it (e.g. add 30). Say the answer, e.g. 73.
- The child then says another number to you, e.g. 61.
- Do the same to that number and say the answer.
- The child has to guess what you are doing to the number each time!
- Then they can have a turn at secretly adding or subtracting something to each number that you say to them.