Maths Curriculum

Top Tips

Gosforth Park First School

Year 4

Year 4 maths – your child will be:

Number and place value

- Counting in steps of 6, 7, 9, 25 and 1000
- Recognising place value of each digit in a 4-digit number
- Counting backwards through zero to include negative numbers
- Rounding any number to the nearest 10, 100 or 1000

Calculating

- Adding and subtracting with numbers up to four digits using column addition and subtraction
- Knowing multiplication facts for all times tables up to 12 x 12

- Multiplying three-digit numbers by one-digit numbers

Fractions and decimals

- Finding fractions of quantities (for example: 2/6 of 48)
- Understanding equivalence between fractions and decimals
- Dividing one-digit and two-digit numbers by 10 and 100
- Rounding decimals with one decimal place to the nearest whole number

Measuring

- Converting between units of measurement
- Working out the perimeter and area of shapes
- Calculating with amounts of money

- Telling and writing the time using the 12-hour and 24-hour clock
- Solving problems involving converting between units of time

Geometry

- Classifying different types of triangles and quadrilaterals
- Recognising acute and obtuse angles
- Identifying lines of symmetry in 2D shapes
- Plotting coordinates in the first quadrant
- Translating shapes up/down and left/right

Statistics

- Interpreting and presenting data in bar charts and time graphs

- Solving comparison, sum and difference problems using information presented in bar charts, pictograms and tables

Try this at home

- Keep on with the times tables – automatic recall really does help at school and with homework. Practise in the car or on the way to school, set your child a challenge, play times tables games and, if necessary, offer a small reward as motivation
- If your child has weekly pocket money, encourage them to save and work out how much they will have after two, three or four weeks
- Go on a walk and give your child a compass so they can keep track of your direction

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144