Parent Information Booklet – Maths - Year 3

Multiplication and Division				Further explanation / Ideas of how to practise
2X	10X	5X	3X	**count** - count in steps (e.g. 2s, 3s, etc). Counting is the start of learning times tables, practice the counting patterns as far as you can go! **in order** - recite (verbally or written) multiplication facts in order **mixed up** - answer verbal multiplication facts questions **division** – answer verbal division facts. Division facts 20 ÷ 2 = 10, 12 ÷ 2 = 6
4X	6X	8X	7X	
9X	11X	12X		

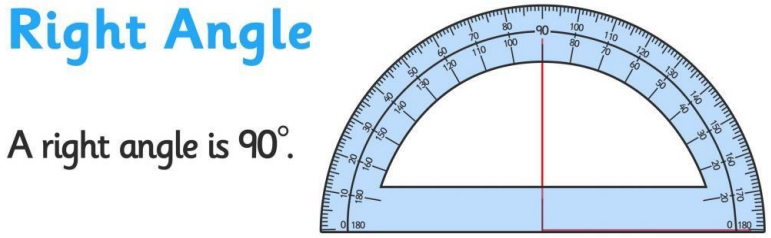
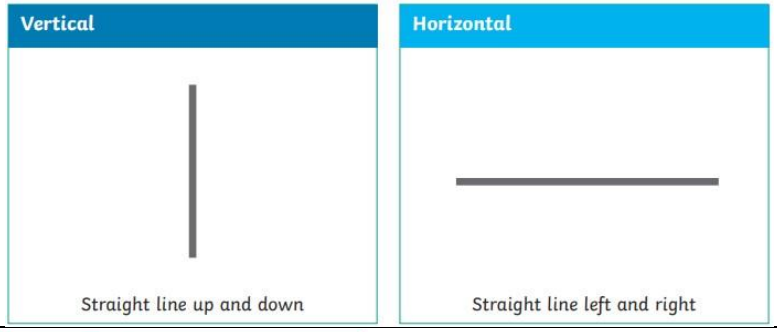
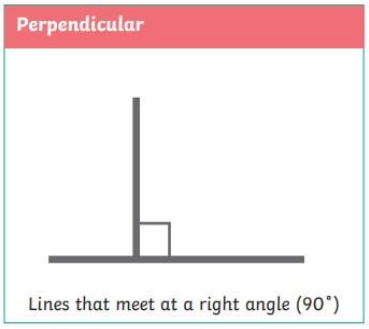
Number	Further explanation / Ideas of how to practise
Read and write numbers to 1000 in numerals.	Reading numbers around the home, in text (i.e. in a newspaper)
Read and write numbers to 1000 in words.	Asking children how to spell numbers, spell the date
Recognise the place value of each digit in a three digit number (hundreds, tens, ones).	152 = 100 + 50 + 2, 298 has 9 tens etc
Compare and order numbers up to 1,000.	Using < > to show numbers that are greater than or less than, e.g. 345 < 672
Find 10 more or 10 less of a given number.	10 more than 57 is 67, 100 more than 234 is 334, 10 more than 145 is 155
Find 100 more or less of a given number.	10 less then 32 is 22, 100 less 467 is 367, 10 less than 198 is 188
Know 10 tens is equivalent to 1 hundred	"10 tens is equal to 1 hundred."
Know that 100 is 10 times the size of 10	"100 is 10 times the size of 10."
Read Roman Numerals (1 to 12)	I = 1 II = 2 III = 3 IV = 4 V = 5 VI = 6 VII = 7 VIII = 8 IX = 9 X = 10 XI = 11 XII = 12

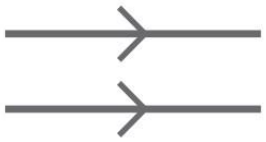
Counting / Addition & Subtraction	Further explanation / Ideas of how to practise
Count in multiples of 50 from 0	50, 100, 150, 200, 250…
Count in multiples of 100 from 0.	100, 200, 300, 400
Count up and down in tenths	0.1 , 0.2, 0.3, 0.4 ….. 1/10, 2/10, 3/10. 4/10 …..
Know by heart all sums and differences of multiples of 10 to 100	e.g. 60 + 30 = 90, 70 + 80 = 150, 20 + 90 = 110, 70 – 20 = 50, 90 – 60 = 30, 40 – 30 = 10
Calculate complements to 100 (i.e 46 + _ = 100 / 100 – 29 = __)	e.g 45 + _ = 100 , __ + 71 = 100, 100 – 29 = __)

Multiplication & Division	Further explanation / Ideas of how to practise
Double any two-digit number.	e.g. double 34 = 68, double 65 = 130

Halve any two-digit number.	Reversal of the above facts, **even numbers only**

Measure	Further explanation / Ideas of how to practise
Tell the time to the nearest minute on an analogue clock.	Reading clocks around the home
Know 60 secs in 1 minute.	60 seconds = 1 minute
Know how many days in each month.	*30 days has September, April,* *June and November.* *All the rest have 31* *Except February alone,* *Which has 28 days clear* *And 29 in each leap year.*
Know how many days in a year and leap year.	365 days in a year, 366 days in a leap year
Know 10 mm = 1cm	Quick recall of these facts is needed to apply to problem solving
Know 50cm = ½ m	
Know 25cm = 1/4 m	

Geometry	Further explanation / Ideas of how to practise
Identify a right angle.	
Identify horizontal and vertical lines.	
Identify pairs of perpendicular lines.	

Identify pairs of parallel lines.	**Parallel**  Lines that will never meet and are always the same distance apart.