Be a maths investigator!

Print or draw a number square to 100.

Colour the prime numbers in red

Colour multiples of 6 (6, 12, 18 etc) in blue)

What do you notice?

Can you see a link between the two colours?

Can you make a prediction about prime numbers greater than 100?

How can you check your prediction?

Year 6

Learn by heart of the week:

Identifying prime numbers

A prime number has only 2 factors 1 and itself
1 is not a prime number as it only has 1 factor (1)
2 is a prime number as it has 2 factors (1 x 2)

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

Get creative!

Design a game to help you identify prime numbers.

Could you make a board game? eg a snakes and ladders type game where you move forward or back 8 squares if you land on a prime number

Could you make a 4 in a row game? eg where you have to be the first to get 4 in a row without putting your counter on a prime number.

This weeks task!

To find all the prime numbers up to 100

Get practising!

Draw or print a number square up to 100

Cross out the number 1

Cross out all the multiples of 2 (EXCEPT THE NUMBER 2)

Cross out all the multiples of 3 (EXCEPT THE NUMBER 3)

Repeat with all the times tables up to multiples of 9

You should be left with the prime numbers

You could use your knowledge of factors from last week

Don't forget!

Keep working on the times tables and division facts so you don't forget them.

Little but often is best.