

 Notes for parents. Activity next page.**The purpose of this task is to help your child to:**

- see and describe patterns in our number system

For your child to have success in mathematics, it is important that they see the patterns and relationships in our number system. This helps them to make sense of the numbers themselves and how they relate to other numbers.

This is central to being able to add, subtract, multiply and divide, and do algebra.

Here's what to do:

- Print the task sheet on the following page and check that your child understands what to do.
- Make sure they have coloured pencils, crayons or felt pens to use.
- As they work have them explain to you the pattern they are working on.

Points to note. If your child colours:

- A pattern like 7, 17, 27, 37... check that they understand that the pattern is **growing by 10** each time, not 7.
- A pattern of multiples, e.g. 3, 6, 9, 12... They might write, "The pattern is +3", or "It's every third number."

They are not expected to write, "These are multiples of 3."
Of course, if they do that's correct.



Activity | Number patterns

Y3

Colour **each pattern** that you see in a different colour.
Write about each pattern beside the box of the same colour.

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

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Activity | Number patterns

Y3

Now show patterns in numbers to 200. *You do not need to write all the numbers on this grid.* Only write in their **correct places** the numbers of the patterns you choose.

101									
									200

