

# Numberblocks Live Lesson

## Activities

## Exploring Multiples. Teacher Notes

The following activities aim to draw attention to properties of number that relate to multiples and will deepen understanding of multiplication and division.

**Slide 3** Numbers that are made from twos. Children explore and find lots of numbers that are made from multiples of 2 using interlocking cubes. Follow up with the Numberblocks episode 'Terrible Twosday'

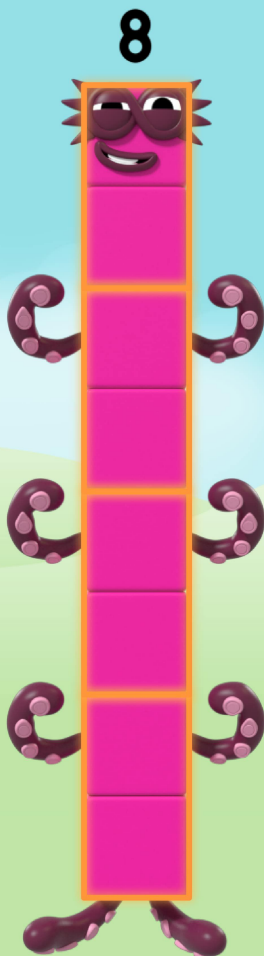
**Slide 4** Sort numbers into odd and even numbers. The even numbers end in a digit that is a multiple of 2. Follow up with the Numberblocks episode 'Odd Side Story'

**Slide 5** Compare multiples of 5 with multiples of 10. Children count in fives and tens using the number grid and realise that when they count in fives they also say the multiples of 10. Inside multiples of ten, there are multiples of 5!

**Slide 6** Children explore and notice that when you double any multiple of 5 you get a multiple of 10. It is important that children look for and make connections in maths.

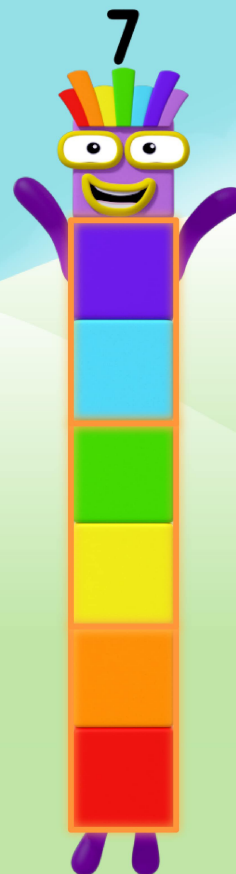
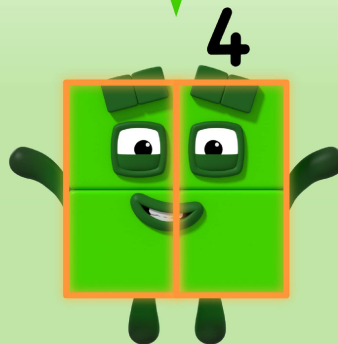
I am made up  
of 4 twos

Can you find other  
Numberblocks  
that are made  
from twos?



I have an odd  
1 left over

I am made  
up of 2 twos



24

42

56

55

227

Odd

Even

Can you place the numbers into the odd and even sorting circles?

5





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

Count in multiples  
of 10 and then 5

I think there are more  
multiples of 5 on the grid  
than 10 Do you agree?



	Double
5	10
10	20
15	30
20	40
25	50
30	60
35	70
40	80
45	90
50	100

**Every multiple of 10 is double a multiple of 5**

My multiples of 10 appear!

Double my multiples of 5 and what do you notice?

