

*Dr Fog Presents*

# Number Properties

Year 2 (National Numeracy Strategy)  
(Based on DFEE Sample Lessons)



# Resources

- 100 - grid
- A4 Paper cut in half longways and folded concertina style.



# Mental Learning Objective

- I can count in twos, fives and tens.



# Mental Learning Task

- Today we are going to start by practising counting forwards and backwards in twos, fives and tens.



# Mental Learning Task

Count from 0 to 30 and back again in...

# TWOS



# Mental Learning Task

Count from 0 to 50 and back again in...

# Fives



# Mental Learning Task

Count from 0 to 100 and back again in...

# Tens



# Mental Learning Task

- What comes immediately before or after this number when counting in fives.

15





# Mental Learning Task

- What comes immediately before or after this number when counting in fives.

35



# Mental Learning Task

- What comes immediately before or after this number when counting in fives.

50



# Mental Learning Task

- Count in tens from...

5



# Mental Learning Task

- Count in twos from....

3



# Mental Learning Objective

- I can count in twos, fives and tens.



# Main Learning Objective

- I can work with various properties of numbers.



# Main Learning Task

- Today we are going to play a game called guess my number.
- I will give you clues.
- Cross off the 100 Square numbers it can't be!



# Main Learning Task

- I am thinking of a number.

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



# Main Learning Task

- It is less than 30.

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

# Main Learning Task

- It is less than 30.

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	

# Main Learning Task

- It is a multiple of 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	

# Main Learning Task

- It is a multiple of 5

5

15

25

10

20

# Main Learning Task

- It is a multiple of 10

5

15

25

10

20

# Main Learning Task

- It is a multiple of 10

10

20

# Main Learning Task

- It is a multiple of 4

10

20

# Main Learning Task

- It is a multiple of 4

20



# Main Learning Task

- Your teacher has a new number. What is it?

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

# Main Learning Task

- Play two or three times...

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

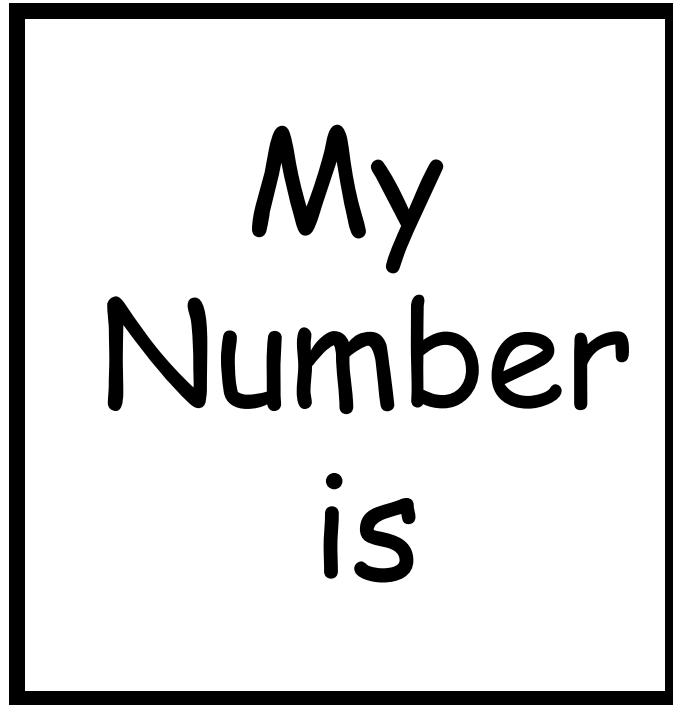
# Main Learning Task

- This activity children will work on their own.
- Children need the folded paper.



# Main Learning Task

- On the front write



# Main Learning Task

- On the back write the actual number

**Keep the  
numbers  
below 100.**



# Main Learning Task

- Inside write a different clue on each little page.



# Main Learning Task

- What number clues could we use?
- Write these on the board.



# Main Learning Task

- Challenge:-
- Stick two books together to make a really long book.
- Children can choose a number over 100.





# Main Learning Objective

- I can work with various properties of numbers.



# Plenary

- Show your books to the class.
- Read out your clues, as your teachers crosses out wrong answers on the 100 square.



# Plenary

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
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91	92	93	94	95	96	97	98	99	100

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