

Sample Activity for the 100 Square

This mental routine is from the notes that support the 100 Square app.

However, you could use this sample without the software if you made a poster of the 100 Square below:

	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
E	51	52	53	54	55	56	57	58	59	60
O	61	62	63	64	65	66	67	68	69	70
X	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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An alternative would be to make a mini-whiteboard of the picture, giving weach student a copy in a plastic sleeve with a marker and cloth to clean the board after each question.

Finding Numbers

Target Strategies

- Familiarity with numbers 1-100
- Using the language of number 1-100
- Using the positional language of number
- Bridging the tens

Closed Questions

- How quickly can you find the number 23/36/57?
- I am thinking of the number between 15 and 17. What is the number?
- I am thinking of the number between 29 and 31. What is the number?
- What number is $\frac{1}{2}$ / $\frac{2}{3}$ more than/less than 25?
- What even number comes between 12 and 16?
- What odd number comes between 15 and 19?

Open Questions

- I am thinking of a single digit number. What might it be?
- I am thinking of a number in the 50s. What might it be?
- I am thinking of a number that comes between the 80s and the 60s. What might it be?
- I am thinking of an **even** number in the 30s. What might it be?

Flip Questions

This is an introductory version of *Guess My Number*. Model the effect of questions that include only the names of the rows or *between* type questions, for instance:

- Is the number in the thirties?
- Is the number you are thinking of between 1 and 50?
- Is the number you are thinking of between 1 and 20?

Encourage the children to eliminate as many numbers from the board as they can with each question so that they can eventually guess the number in very few questions.