Guess My Number game

- Use a hundreds chart and something to cross off numbers (pencil, crayon, etc.)
 - Pick a number from 10-100 and have your student ask smart yes/no questions to eliminate number until they have only a few left and can guess your number (ie. Is it even/odd? Is it above 50? Is there a 3 in it?).
 - Have them practice crossing off the number it isn't (ie. if your number is odd, they cross off all the even numbers).
 - Keep track of how many questions they ask and see if they can do it in fewer questions each time.

Example:

Secret number = 43

1	1		3	4	ı	5	1	ı	7	1		9	1	0
11	1	2	13	1	ŧ	15	1	6	17	1	3	19	2	0
21	2	2	23	2	ŀ	25	2	6	27	2	3	29	3	0
31	3	2	33	3	4	35	3	ô	37	3	3	39	4	0
41	4	2	43	4	4	45	4	ô	47	4	3	49	5	0
51	5	2	53	5	4	55	5	6	57	5	3	59	6	9
61	6	2	63	6	ļ	65	6	6	67	6	3	69	7	0
71	7	2	73	7	4	75	7	6	77	7	3	79	8	,
81	8	2	83	8	4	85	8	6	87	8	3	89	9	þ
91	g	2	93	g	4	95	g	6	97	9	3	99	10	0

Question: Is it odd? Answer: Yes

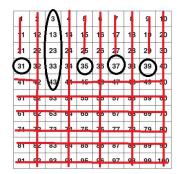
Action: Cross off all even numbers

Question: Is it above 50?

Answer: No

Action: Cross off all numbers above 50

1	1		3	4	l	5	(ŀ	7	1	ŀ	9	1	þ
11	1	2	13	1	1	15	1	6	17	1	3	19	2	0
21	2	2	23	2	1	25	2	6	27	2	3	29	3	o
31	3	2	33	3	4	35	3	6	37	3	3	39	4	0
41	4	2	43	4	4	45	4	6	47	4	3	49	5	0
0 I	٥	-	03	0	ŧ	00	5	0	07	0	•	59	0	•
61	b	2	63	О	ŧ	00	e	0	67	0	•	09	1	þ
71	-	2	72	-	1	75	7	6.	77	7	2	79	я	9
81	ĕ	2	83	8	÷	85	ě	o	87	0	•	69	9	•
01	٥		02	c	1	95	c	6	97	a	2	aa	11	٥



Question: Does it have a 3 in it?

Answer: Yes

Action: Cross off all number except those that start or end with a 3

Keep going until your child picks your secret number.