

Skip counting by tens activities

1 Build it, and notice

Using the sequence strip and number cards, children choose their own starting number, place cards to build every tenth number, and describe out loud what they notice.

"Choose a starting number card. Place cards in the strip for every tenth number from there."

"What do you notice about the numbers you placed?"

2 What is the rule?

Given their own built sequence, children put the rule into their own words.

"Look at the ones digit across your whole sequence. What is happening to it?"

"Now look at the tens digit. What is happening to that? Say the rule in your own words."

3 Does the pattern hold?

Children test the rule with a new, different starting number to check it is a genuine pattern and not a one-off.

"Try a completely different starting number. Build every tenth number on the strip."

"Does the same pattern happen again?"

4 Non-example: the wrong amount of change

Someone says the tens digit goes up by ten each time instead of by one.

"Check it against real numbers — look at the tens digit in thirteen, then in twenty-three."

"Did it really go up by ten, or by one?"

Sequence strip

--	--	--	--	--	--	--	--

Number cards

0	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

