

Skip counting by twos activities

1 Build it, and notice

Using the sequence strip and number cards, children choose their own starting number, place cards to build every second number, and describe what they notice about the ones digit.

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

"What do you notice about the ones digit as you go?"

2 Which five numbers?

Children identify the five numbers that cycle through the ones place for their chosen starting number.

"List the five different numbers that appear in the ones place."

"Would starting on an odd number instead give the same five, or a different five?"

3 How many jumps for the tens to change?

Children count exactly how many jumps it takes before the tens digit changes.

"Count the jumps in your sequence. How many does it take before the tens digit changes?"

"Is that the same number of jumps as skip counting by fives?"

4 Non-example: borrowing the fives pattern

Someone assumes the tens digit changes every second jump, carrying over the rule from skip counting by fives.

"Check the real sequence — does the tens digit really change every second jump here?"

"How many jumps does it actually take?"

Sequence strip

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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

