



G3.07 | SKIP COUNTING IN 2s, 4s, 5s, 10s & 50s (100-500)

Number Sense Concepts - NCERT Chapter 2: Fun with Numbers

Students will complete number sequence with skip counts in 2s, 4s, 5s, 10s and 50s Numerals (100-500)

40- 50 min

PRE REQUISITES:

G3.05 Know how to complete no. sequences by counting onwards & backwards (without skips)

TLM



Blank papers

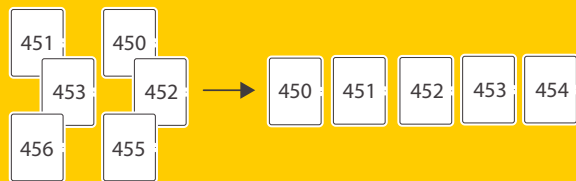
MISCONCEPTIONS

Students extend skip counting sequence by changing the hundreds digit. Eg. In skip counting by 10s, writing 300 after 200

KEY VOCABULARY

None

PLAY



Revise forward counting and counting alternate numbers

○ Prepare a set of cards with no.s 451- 500. Divide students in 5 groups. Distribute card no. 451 to 460 to 1 group & so on

○ Ask the students to shuffle their cards & try to rearrange them in the correct sequence

○ Call 1 person from each group & ask them to discuss & arrange the entire set of 50 cards in correct sequence

○ Encourage students to think where they should place their set of cards by asking question prompts

○ Eg. "does 461 come after 460 or does it come before 460"

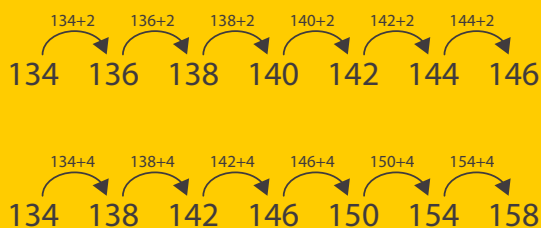
○ Distribute the 10 numbered cards to each group again. Ask them to arrange the cards in the correct sequence again

○ Ask them to flip the first card in the sequence, then flip the 3rd card, & continue flipping over alternate cards

○ Ask each group to read out the no.s on the remaining cards



PROCESS



Skip counting in 2s, 4s, 5s, 10s & 50s (100-500)

○ Along with the students recite no.s 100 to 150.

○ Tell the students that this is called counting by 1s as each no. in the sequence is one more than the previous no.

○ Explain we can also count no.s by 2s, 4s, 5s, 10s, or by 50s also. Counting by 2s would mean every no. is 2 more than its previous no. Similarly, counting by 4s would mean every no. is 4 more than the previous no.

○ Divide the blackboard into 4 parts. Start with 136 & write skip counting by 2s in one column as shown. Re-emphasize that 136 is 2 more than 134

○ Write skip counting by 4s in the next column. Re-emphasize that 138 is 4 more than 134

○ Similarly write skip counting by 5s & 10s

○ Remind that they can also use skip counting to count collections quickly. For eg, skip counting by 4s can be used to count groups of 4s

○ Tell that if there are 5 groups of 4 objects each, count them in groups of 4s as 4, 8, 12, 16, & 20 instead of counting each object one by one



PRACTICE

336, 326, 316 _____

678, 688, 698 _____



Write the question & ask the students to solve.

○ Help the students solve question 3a from the worksheet. Ask the students to complete the skip counting sequence:

302 304 306 308 310 312

QUESTION

Does this sequence show skip counting by 2s or does it show skip counting by 4s?

○ Help the students solve question 3b from the worksheet. Ask the students to complete the skip counting sequence

330, 340, 350, 360, __, __

○ Explain that skip counting by 10s can be extended by only changing increasing the tens digit by one. Remind students that the second digit in a 3-digit no. represents Tens



① SOLVED EXAMPLE : Count by 2s to find the next number.

211	213	215	217	219	221	223
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② Count by 4s to write the next numbers in the sequence

678					
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③ Write the next numbers in this sequence

a.

302	304	306	308	310	312	___
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b.

330	340	350	360	___	___	___
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c.

336	326	316	___	___	___	___
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d.

378	688	698	___	___	___	___
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④ Start with these numbers and skip count forward & backward by 2s.

					150					
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					221					
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Frog jumps 2 stones at a time & the grasshopper jumps 1 stone at a time.
Can you tell which one will reach the tenth stone first

