



G3.05 | COUNTING FORWARD AND BACKWARD (100-500)

Number Sense Concepts - NCERT Chapter 2: Fun with Numbers

Students will complete number sequences by counting forward and backward (without skips) (100-500)

40- 50 min

PRE REQUISITES:

G3.02 Know how to recognize and write numerals (100-500)

TLM



Number slips

MISCONCEPTIONS

Students might see multi-digit no.s independent of place value & this leads them to make mistakes in counting .Eg counting 201 after 101



KEY VOCABULARY

None



PLAY



Backward counting using number slips

○ Prepare number slips numbered 400 to 420. Shuffle the slips and spread them on the table

○ Call 4 students to stack the numbers slips in the correct order. Eg. 401, 402, 403, and so on

○ Ask the student to flip the stack and call out the number on the first number slip

○ Ask them to guess which number would the slip after it have

○ Tell the students to remove one number slip at a time and guess which one would be after it

○ Repeat the activity with other students using other sets of consecutive numbers between 100 to 500



PROCESS

Hundred	Tens	One
3	5	1
3	5	2
3	5	3
3	5	4
3	5	5
3	5	6
3	5	7
3	5	8
3	5	9
3	6	0

Hundred	Tens	One
3	6	1
3	6	2
3	6	3
3	6	4
3	6	5
3	6	6
3	6	7
3	6	8
3	6	9
3	7	0

Understanding forward and backward counting sequence numerically

○ Count onwards from 100 to 350 & ask students to repeat after you. Write numerals 351 to 370 on the black board as shown

○ Read out the numbers one by one and point out that from 350 to 359 the numbers at the ones place increase sequentially

○ Tell that after 359 the no. at Ones place becomes 0 & the no. at Tens place increases by 6. Altogether, it becomes 360

○ Point to numerals on the board. Explain backward counting is when no.s are read out in reverse order

○ Together, chorally practice counting backward from 370-350. Explain that numbers decrease by one when counting backward

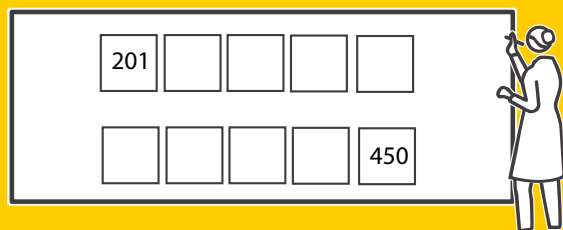
○ Write 390 to 410 on the blackboard. Explain to students that after 399 the no.s at the Hundreds place increases by 1

○ The Tens & Ones place become 0. Altogether, the number becomes 400

○ Emphasize that Hundreds digits increases by one only after tens and ones digits are 9 and 9



PRACTICE



Write the questions on the black board and ask students to solve

○ Help the students solve question 2 from the worksheet. Ask the students to complete the forward counting sequence

○ Ensure that the students understand that the number after 201 is 202 and not 301. Emphasize that digits at the units place increase sequentially upto 9. After that, the tens digit increases by one

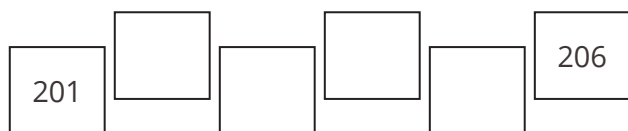
○ Help the students solve question 4 from the worksheet. Ask the students to complete the backward counting sequence



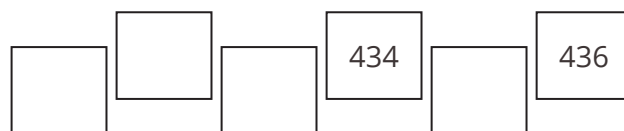
① SOLVED EXAMPLE : Count forward to fill in the blanks



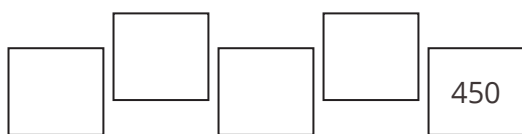
② Count forward to fill in the blanks



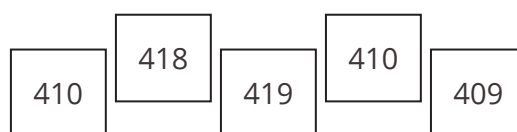
③ Fill in the missing numbers and tell if this is a forward counting or a backward counting sequence



④ Complete sequence by counting backwards



⑤ Find the error and correct it



6 A bear is standing near number 451. Where will it reach if it takes 3 steps forward and then 2 steps backward?

