



G3.06 | COUNTING FORWARD AND BACKWARD (501-999)

Number Sense Concepts - NCERT Chapter 2: Fun with Numbers

Students will complete number sequences by counting onwards and backwards (without skips) (501-999)

40- 50 min

PRE REQUISITES:

G3.05 Know how to complete number sequences by counting onwards & backwards (without skips)

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

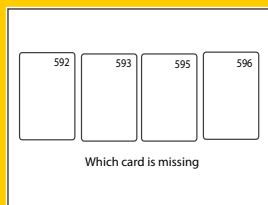
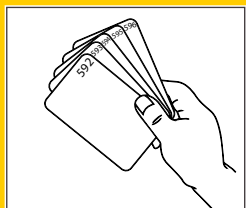


KEY VOCABULARY

"Forward", "Backward"



PLAY



Identify the missing numbers and sequence the number cards

Prepare number slips numbered 580 to 600

Shuffle the card and ask the students to remove any one card from the set without showing it to you

Arrange the cards in the correct order and tell the student the card that they have

Ask the students to guess how did you know which card was removed

Tell students that you identified the missing card by arranging the cards in the correct order

Next tell them that you identified which number was missing

Call 2-3 students to try the trick with their friends



PROCESS

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

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

Forward or backward counting

Write the numbers 501-600 on the black board

Explain after 659 the no. at Ones place becomes 0 & no. at the Tens place increases by 1. Altogether it becomes 660

Explain that after 699 the number at the Hundreds place increases by one. Altogether the no. becomes 700

Recite numbers upto 800 and re-emphasize these two patterns for forward counting

Tell we can count forward or backward from any number

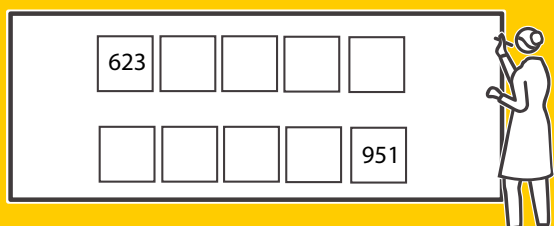
Write 505, 506, 507, 508, _____, 510 on the board

Explain that while counting forward, every number is one more than the number before it

Explain that while counting backward, every number is one less than the number before it



PRACTICE



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

Help the students solve question 3 from the worksheet. Ask the students to complete the sequence by counting forward

QUESTION

Which number comes after 623 when counting forward? Is it 622 or 624?

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

Ensure that the students understand that the number before 951 is 950 and not 851. Emphasize that digits at the units place decrease by 1 sequentially upto 0 when counting backwards. After that, the tens digit decreases by one



G3.06 | COUNTING FORWARD AND BACKWARD (501-999)

WORKSHEET: NUMBER SENSE CONCEPTS - NCERT CHAPTER 2: FUN WITH NUMBERS

- ① SOLVED EXAMPLE : Fill in the boxes by counting forward

817	818	819	820	821	822 
-----	-----	-----	-----	-----	---

- ② Fill in the missing numbers by counting forward

606		608			611
-----	--	-----	--	--	-----

- ③ Fill in the boxes by counting backwards from 889

					889
--	--	--	--	--	-----

- ④ Complete this forward counting sequence

623					
-----	--	--	--	--	--

- ⑤ Complete this sequence by counting backwards from 951

					951
--	--	--	--	--	-----

- ⑥ Is this forward counting sequence correct? If not, then correct it.

523	542	543	544	545
-----	-----	-----	-----	-----



See the pattern and guess what comes after 999

9 → 10

99 → 100

999 → ??