Session 2: Number concept-2

Session Title	Number concepts
Objective	1. Understand the concepts of whole numbers, natural numbers, even numbers, and odd numbers. 2. Identify and classify numbers into different types. 3. Apply simple methods to recognize and differentiate number types through engaging activities.
Concepts	Number types help categorize numbers based on their properties: 1. Natural Numbers: Counting numbers starting from 1 (1, 2, 3...) 2. Whole Numbers: Natural numbers including 0 (0, 1, 2, 3...) 3. Even Numbers: Numbers divisible by 2 (0, 2, 4...) 4. Odd Numbers: Numbers not divisible by 2 (1, 3, 5...)
Materials Required	1. Board & Chalk 2. Number flashcards 3. Number line 4. Colored markers 5. Chart paper 6. Bingo card for each students
Methodology	Activity-based Learning: Games, sorting, and movement. Experiential Learning: Applying number types to daily life scenarios.

Session Duration	90 minutes

Introduction Activity (10 minutes):

Number sorting challenge

Place number flashcards (1–50) in a basket. Students pick one card at a time and run to the correct labelled section (Natural, Whole, Even, or Odd) on the classroom walls. The Teacher checks their placement and facilitates a brief discussion to reinforce understanding.

Main Activity (65 minutes):

Number Grid Hope (20 minutes)

1. Draw a large 1–100 number grid on the floor.
2. Call out number properties (e.g., "Step on an even number!" or "Find a number that is whole but not natural!")
3. Students respond by hopping on the correct numbers.
4. Discuss each response and reinforce definitions.

Number Bingo (25 minutes)

1. Prepare Bingo cards with a mix of number types.
2. Call out clues like "An odd number under 20" or "A natural number that’s also even."
3. Students mark the correct numbers on their cards.
4. The first to complete a row shouts "Bingo!" and explains their answers.
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Number Bingo Clues & Answers

1. Clue: An odd number under 20

   Answer: 1, 3, 5, 7, 9, 11, 13, 15, 17, 19
2. Clue: A natural number that’s also even

   Answer: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24
3. Clue: A number that is a multiple of 5

   Answer: 5, 10, 15, 20, 25

4. Clue: A prime number under 20

   Answer: 2, 3, 5, 7, 11, 13, 17, 19
5. Clue: A square number

   Answer: 1, 4, 9, 16, 25
6. Clue: An even number greater than 20

   Answer: 22, 24
7. Clue: A number between 10 and 15

   Answer: 11, 12, 13, 14
8. Clue: A number that is both even and a multiple of 3

   Answer: 6, 12, 18
9. Clue: A number that is one more than a multiple of 4

   Answer: 5, 9, 13, 17, 21, 25
10. Clue: A number that ends in “3”

    Answer: 3, 13, 23

Time to Solve (20 Minutes)

Provide a worksheet with a mix of numbers.

Tasks include:

☑ Circle all even numbers
☑ Underline all odd numbers
☑ Tick the whole numbers
☑ Draw a star next to natural numbers

0	3	4	-2	7	2.5	8
-3	10	6	9.1	11	-1	12
14	-4	15	16.5	17	18	19
21	22	23	24	25	-5	

Review Questions (5 minutes):

1. What’s the smallest whole number?
2. Is every whole number a natural number?
3. Can a number be even and natural?

Follow-up Tasks (10 minutes):

Homework:

1. Write all odd numbers from 1 to 50.
2. List 10 numbers that are both whole and even.
3. Create a table showing numbers from 1 to 20 classified into natural, whole, even, and odd.

Expected Learning Outcome:

Knowledge building

- Concepts of natural, whole, even, and odd numbers.
- Differences and overlaps among number types.

Skill Building

- Quick classification and recall
- Critical thinking and observation
- Team collaboration and accuracy

> Link to original Document

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