

Lesson Plan

Introduction to **Place Value**

Grade: Year 1

Subject- Math

Objective: By the end of the lesson, students will be able to:

- Understand the concept of place value for tens and ones.
- Identify the place value of digits in two-digit numbers.
- Represent numbers using base-10 blocks and drawings.

Materials Needed:

- Base-10 blocks (tens and ones)
- Whiteboard and markers
- Flashcards with numbers (1-99)
- Worksheets with number activities (including drawing and colouring)

Duration: 45 minutes

Procedure:

1. Introduction (5 minutes):

- Greet the students and revise counting numbers up to 20.

- Introduce the concept of place value: explain that digits in a number represent different values depending on their position.

2. Demonstration with Base-10 Blocks (10 minutes):

- Show and explain the use of base-10 blocks (tens and ones) to represent numbers.
- Demonstrate building numbers like 10, 20, 30, etc., using ones and tens blocks.
- Have students come to the board and build simple numbers using the blocks.

3. Exploring Two-Digit Numbers (10 minutes):

- Show flashcards with two-digit numbers (e.g., 12, 34, 45) and discuss the value of each digit.
- Write a two-digit number on the board and ask students to identify the ones and tens places.
- Discuss examples like 10, 20, 30, etc., to reinforce the concept of tens and ones.

4. Activities (15 minutes):

- **Colouring Activity:** Provide worksheets with numbers represented by base-10 blocks. Ask students to colour the correct number of tens and ones blocks according to the number.
- **Drawing Activity:** Give each student a sheet with a blank ten-frame and ask them to draw objects to

represent the number displayed (e.g., draw 4 objects for the number 4).

5. Closure (5 minutes):

- Review the concept of place value for tens and ones with the class.
- Ask students to summarize what they learned about place value today.
- Emphasize the importance of understanding place value in counting and working with numbers.

Assessment:

- Observe students during activities to ensure they understand the concept of place value and can correctly represent numbers using blocks and drawings.
- Check completed worksheets for accuracy in representing numbers with tens and ones.

Homework:

- Assign a simple worksheet where students practice drawing objects to represent given numbers.

Extension:

- For students who grasp the material quickly, introduce three-digit numbers briefly and discuss place value in larger numbers.

Note:

- Use positive reinforcement and encourage participation throughout the lesson.
- Adjust the pace according to students' understanding and engagement levels.

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