Decimal Numbers

Learning Objective:

- Add and subtract 4-digit numbers up to 3-decimal places.

Let's Talk Math: Recall the concept of addition and subtraction of decimal numbers as they have done in previous class. Introduce the symbol of %.

Make Sure You Have: Paper chits with addition and subtraction sums

2.4		
1.2	2.7	

Activity: Number Puzzle

Duration: 1 Lesson   **Whole Class Activity**

Let's Try It:

- Provide each pupil with a magic number puzzle as shown in the given sample.
- Let them figure out on their own how to solve the puzzle.
- Ask them to solve the magic number puzzle as given above, in which each row, column, and diagonal line must add up to 5.5.

Assessment: Ask pupil to solve the given word problem. I had Rs 54.93. I earned Rs 340.25. Then I spent Rs 246.79. How much is left with me now?

Percentages

Learning Objective:

- Recognise percentage as a special kind of fraction.
- Solve real life situations involving percentages.

Let's Talk Math: Introduce the symbol of %. Tell them that percentage is a part out of 100.

Make Sure You Have: Worksheets

Activity: Percentages Challenge

Percentage	Fraction	Decimal
50%		
	$\frac{3}{4}$	
		8.5
20%		

Duration: 1 Lesson   **Whole Class Activity**

Let's Try It:

- Prepare worksheets with percentage questions related to real-life scenarios.
- Have pupils research their favourite cricketer's statistics, including:
    - Matches played
    - Runs scored
    - Wickets taken in test and one-day matches
- Instruct pupils to calculate percentages, such as:
- Provide a real-life example:
    - Sara's Pocket Money: Calculate if Sara can afford a dress with a 35% discount from her shopping budget after saving half of her Rs 2000 pocket money.
- Encourage pupils to share findings and calculations with the class.

Assessment:

- Ask pupils to solve some realistic problems that involve percentages. Examples include:
    - In a class of 30 students, 70% were present on a particular day. How many students were absent that day?
    - Ashir covered 35% of his journey in the morning. If he had to travel 1500 km, what percentage of the journey was left?