

Session 4: Addition

| Session Title | Addition |
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| Objective | <ul style="list-style-type: none">• Understand the concept of addition as combining quantities.• Solve simple addition problems using real-life contexts.• Use fun, hands-on activities to strengthen their understanding of addition. |
| Concept | Addition is the process of putting together two or more quantities to find the total. It helps us solve real-life problems like counting money, combining groups, or finding total distance or time. |
| Materials Required | <ol style="list-style-type: none">1. Board & Chalk,2. Counters(small physical objects used to help students visualise and solve math problems.They can be anything like:(Colored chips,Bottle caps,Beads,Pebbles,Coins,Buttons)3. Dice4. Chart paper, Real-life objects (e.g., fruits, pencils), Number line |
| Methodology | Activity-based Learning: Games, movement, and physical objects. Experiential Learning: Real-life applications through relatable word problems. |
| Session Duration | 90 Minutes |

Introduction Activity(15 minutes):

ADDING DASH: Place objects around the room (e.g., 3 pencils on one desk, 4 on another).

Students walk around and add the numbers they find. At the end, they announce the total and explain how they added the numbers.

Main Activity(70 minutes):

Objective: Help students connect addition with real life.

Hands-On Activity:

DICE & COUNTER ADDITION (30 minutes)

1. Students roll two dice.
2. They use counters to represent the numbers and find the total.
3. Record the number sentence (e.g., $3 + 5 = 8$).
4. Repeat with different pairs and share findings.

Real-Life Word Problems (10 minutes)

1. Give scenarios and ask students to act them out or solve on paper:
2. Riya has 3 apples. Her friend gives her 2 more. How many apples does she have now?
3. There are 4 red balloons and 6 blue balloons. How many balloons in total?
4. A bus has 5 children. 4 more get on at the next stop. How many children are on the bus now?
5. Use pictures or props to visualize each problem.

Time to Solve (20 Minutes)

Part 1: Fill in the Missing Numbers



(Fill in the blank to complete each addition sentence.)

1. $32 + \underline{\quad} = 58$
2. $\underline{\quad} + 26 = 64$
3. $45 + \underline{\quad} = 90$
4. $\underline{\quad} + 55 = 100$
5. $61 + \underline{\quad} = 78$

Part 2: Match the Addition Sentences

(Draw a line to match each picture with the correct addition sentence.)



A. [Two apples] + [Three apples]

 + 

B. [One star] + [Four stars]

 + 

C. [Five hearts] + [One heart]

 + 

Write into words:

1. $1 + 4 = 5$

2. $2 + 3 = 5$

3. $5 + 0 = 5$

Part 3: Pattern Hunt

Fill in the missing number by finding the addition pattern:

1. 2, 5, 9, 14, __, __

2. 100, 150, 210, __, __

3. 1.2, 2.4, 3.6, __, __

Review Questions (10 minutes) :

Ask:

What does addition mean?

Can you give an example of where we use addition in real life?

What strategies help you add numbers easily?

Follow-up Tasks (5 minutes):

Homework:

1. Write and solve 3 addition problems from your daily life (e.g., toys, books, family members).
2. Complete 5 number sentences using objects at home (e.g., spoons, blocks).
3. Draw and solve one picture addition problem (e.g., flowers in two pots).

Expected Learning Outcome:

Knowledge building: Concept of combining values to find a total.

Understanding of addition symbols and sentences.

Skill Building:

- Mental math
- Visual representation
- Logical thinking

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