CHAPTER: Addition

Grade: **1**
Board: **CBSE**
Book: **NCERT**

1.

Chapter Summary and Placement

<Read through the following to understand how this chapter is connected with the previous and next grades and also the important concepts covered in it.>

Knowledge of this chapter is very important for combining numbers and find how many are there altogether.

2.

LEARNING OUTCOMES

<On completion of the chapter, students will be able to:>

1. Use objects and pictures to represent situations that involve addition.
2. Add numbers using symbol ‘+’

3. TEACHING PLAN

Follow this section for getting ideas on teaching the content covered in the chapter. The subtopic given in the first column with the matching learning outcome can be explained using instructions and resources listed subsequently

Subtopic and Learning Objective #1

Subtopic: LET US COUNT
LO: Use objects and pictures to represent situations that involve addition.

1. To make student count the collection of objects and calculate the total number.

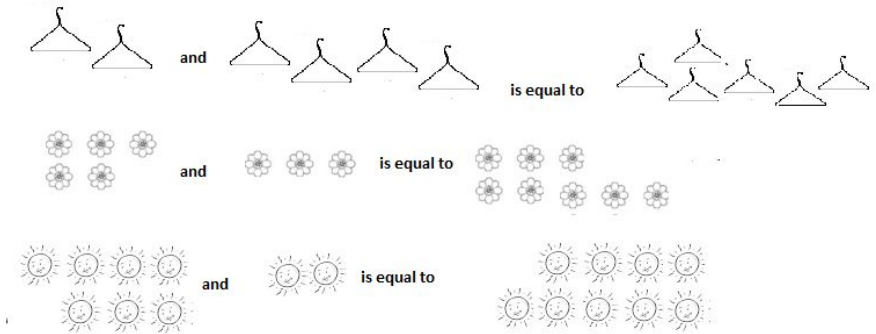
Teacher Activity

1. Take 2 pencils and keep them on the table.
2. Ask the students to count and write the number on the board.
3. Keep 3 more pencils on the table and again ask the students to count them. Write the number on the board.
4. Ask the students to count the total number of pencils. Write on the board.

2 and 3 is equal to 5

Check for understanding:

Draw the following and ask the students to count and answer



Teacher Activity

1. Read the Poem on page 51 loudly with the students. Repeat 2-3 times.

Activity 1 can be performed to make the class count and do single digit addition

Check for understanding:
Show the children different sets of objects and ask them to count and add
5 chalk pieces and 3 chalk pieces
3 notebooks and 6 notebooks
1 duster and 1 duster
4 water bottles and 3 water bottles
6 pens and 2 pens

Resources Suggested

Blackboard, pen and paper

Teacher Activity

Name of the activity- Sing, Act and Count
Type of activity – Group
Use it for – Learning to do single digit addition
Materials –
Procedure:
Instructions to the teacher:

1. Make the students stand in a circle.
2. Teach them the actions as described in the poem.
3. Now sing the poem loudly with the children and let the children dramatize the poem.

Teacher Activity

LYRICS	MOVEMENTS
When I woke up this morning, I smelled something good. I ran down in my PJ's as fast as I could. I sat down at the table, and waited patiently. And when my dad put down my plate, guess what I could see?	Make a big stretch and then take an exaggerated deep breath through nose. Run in place real fast. Sit down on the floor, cross arms and tap fingers on arms. Palms out in front in questioning pose.
I saw ONE great big pancake, staring back at me. It smelled so hot and yummy! And oh so buttery! My daddy said, "How does it look? That'll fill you up for sure!" And I answered as I always do, "Please daddy can I have one more?"	Stand up fast, hold up one finger and bounce to the beat. Point to nose then rub tummy. Hands on hips bouncing to the beat. Hold up one finger.
Well, 1+1 made 2; then 2+1 made 3; then 3+1 made 4. WOW!	Hold up correct number of fingers, then jump high while saying "WOW!"
Now I see FOUR great big pancakes staring back at me. They smelled so hot and yummy! And oh so buttery! My daddy said, "How does it look? Can you eat all FOUR?" And I answered as I always do, "Please daddy, can I have one more?"	Hold up four fingers and bounce to the beat. Point to nose then rub tummy. Hands on hips bouncing to the beat. Hold up one finger.
Well, 4+1 made 5; then 5+1 made 6; then 6+1 made 7. WOW!	Hold up correct number of fingers, then jump high while saying "WOW!"
Now I see SEVEN great big pancakes, staring back at me. They smelled so hot and yummy! And oh so buttery! My daddy said, "How does it look? That'll fill you up for sure!" And I answered as I always do, "Please daddy, can I have one more?"	Hold up seven fingers and bounce to the beat. Point to nose then rub tummy. Hands on hips bouncing to the beat. Hold up one finger.
Well, 7+1 made 8; then 8+1 made 9; and 9+1 made 10. WOW!	Hold up correct number of fingers, then jump high while saying "WOW!"
Now I see TEN great big pancakes, staring back at me. They smelled so hot and yummy! And oh so buttery! My daddy said, "That's a lot of food to eat for a little kid." But what surprised him most of all is I ate them all I did. I ate TEN pancakes. I did! I did!	Hold up ten fingers and bounce to the beat. Point to nose then rub tummy. Hands on hips bouncing to the beat. Make a "surprised" look. Hold up ten fingers and yell, "I did! I did!"

Subtopic and Learning Objective #2

Sub topic: ADDITION
LO:
Add numbers using symbol ‘+’

1. To make students recognize the “+” and “=” symbols

Teacher Activity

1. Draw 3 circles on one side of the board and draw 5 circles at a little distance.
2. Ask the students to count and add.
3. Write on the board
   3 and 5 is equal to 8
4. Explain that the above can also be written as
   3 + 5 = 8

Check for understanding:
Draw the following on board and ask students to count and add

a. 8 lines +1 line =
b. 6 trees + 2 trees =
c. 2 birds + 1 bird =

Activity 2

Activity 2:
Name of the activity- Let's add
Type of activity – Group
Use it for – Learning to do single digit addition
Materials – Chits of paper with numbers 0 to 9
Procedure:
Instructions to the teacher:

1. Take the children to the playground.
2. Make chits such that each child has one chit with a digit 0-9 written on it.
3. The children with same digits form groups.
4. The teacher calls out a number and children come together from different groups to add up to the called out number.
5. For example 5; the children can make the following combinations:

0 + 5; 1+4; 2+3; 1+1+1+1+1; 1+1+2+2; and so on

6. Repeat till all numbers have been called out.

Resources Suggested

Blackboard, pen and paper

4. WORKSHEETS

Print or copy the worksheet questions on the blackboard and ask the students to attempt them. They can be given as homework or a class test as well.

Worksheet 1

Follow the colour of the numbers added together and colour the boxes. One has been done for you.

5 + 4 = 9



4 + 4 =



3 + 4 =



7 + 2 =



5 + 3 =



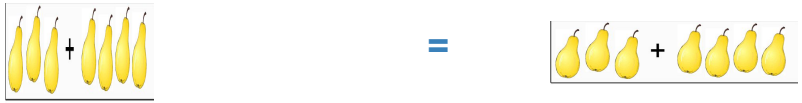
Worksheet 2

Count and write the sum.

1. 

2. 

3 

4 

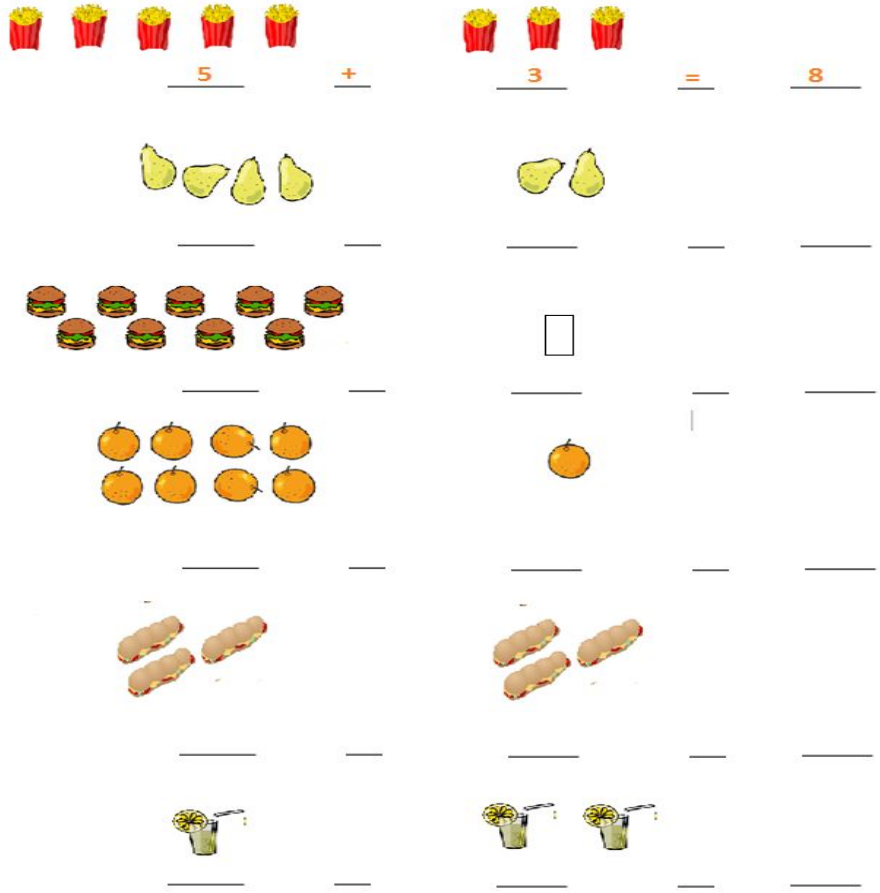
5. 

Worksheet 3

ADD and MATCH

3+2	2+4
4+ 2	2+3
1+ 3	1+2
2+1	3+1
3+ 2	1+5

Worksheet 4



Worksheet 5

Add

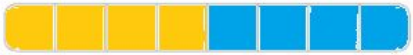
1 + 2	5 + 3	1 + 5	5 + 0	3 + 2
4 + 5	0 + 9	6 + 1	3 + 3	2 + 2

5. SOLUTIONS

This section gives you sample answers for activities and questions listed above.

Worksheet 1

4 + 4 = 8



3 + 4 = 7



7 + 2 = 9



5 + 3 = 8



Worksheet 2

1 + 4 = 5 leaves

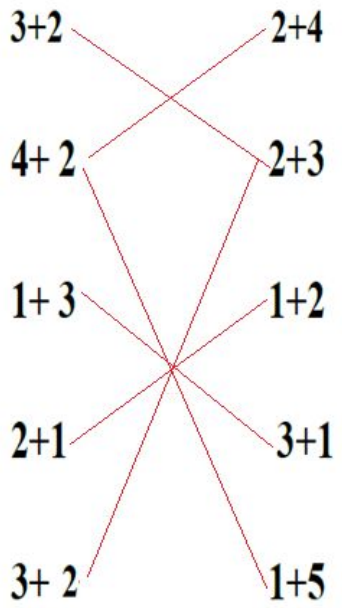
2 + 3 = 5 balls

0 + 2 = 2 flowers

3 + 4 = 7 pears

1 + 0 = 1 ship

Worksheet 3



Worksheet 4

4 + 2 = 6

9 + 0 = 9

8 + 1 = 9

3 + 3 = 6

1 + 2 = 3

Worksheet 5

1 + 2 = 3	5 + 3 = 8	1 + 5 = 6	5 + 0 = 5	3 + 2 = 5
4 + 5 = 9	0 + 9 = 9	6 + 1 = 7	3 + 3 = 6	2 + 2 = 4

6. EXTRA RESOURCES

Carry out the following suggested activities/ tasks if you have the time and resources to do them

Teacher can use these videos if time and facilities permit:

1. https://www.youtube.com/watch?v=Fe8u2l3vmHU
2. https://www.youtube.com/watch?v=AQ7THUKx6Es