CHAPTER: Counting In Tens

Grade: **2**
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.>

This chapter helps students to regroup and count objects into tens and ones.

2.

LEARNING OUTCOMES

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

1. Count in groups of tens.

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

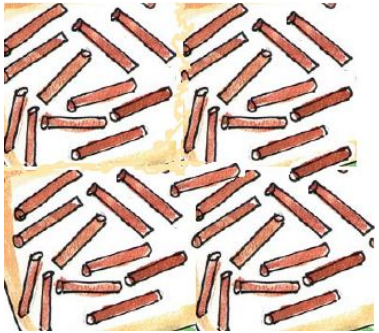
Subtopic:
How Many?

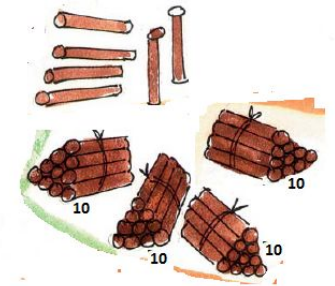
LO:
Count in groups of tens.

1. To make students regroup and count objects in tens and ones.

Teacher Activity

1. Read aloud the story “Chickens and the clever fox” on page 24 of the textbook.
2. Explain and discuss the story followed by the word problems given after the story.
3. Help the students count and answer.
4. Explain how counting in groups makes it easier to work with large numbers.
5. Draw 46 sticks on the board or show the picture below:
6. Ask the students how fast they can count the sticks?
7. Then draw the sticks in bundles of 10 or show the following picture:





8 Ask the students how fast can they count the sticks now?
9 Discuss with the class.

Activity 1 can be performed to make the class understand grouping and counting in tens.

Teacher Activity

Check for understanding:

Without counting or checking, ask the students to guess the total of fingers in the classroom. Ask each student to note down the number in their notebook

Now find out how many children are present and calculate. Don’t forget to count the teacher too. Check who estimated correctly.

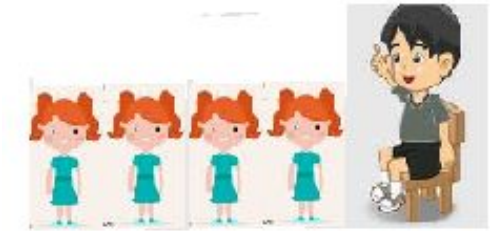
Resources Suggested

Pencil box and textbook

Activity 1

Name of the activity- How many?
Type of activity – Group
Use it for – count in groups of tens and ones
Materials –
Procedure:
Instructions to the teacher:

1. Divide the class into 2 equal groups. Ask them to come and stand near the blackboard.
2. Group 1 will be tens.
3. Group 2 will be ones.
4. Call out a number (e.g. 41 – 4 children from tens group will stand on floor and 1 child of ones group will sit on the chairs.)



Activity 1

1. Ask each group to ensure that all the members of their group get a chance to play.
2. Correct formation by each group gets the group 1 point. The groups are not allowed to re-adjust a wrong formation.
3. Some numbers are given below:

89; 45; 54; 9; 40; 66; 98; 34; 17; 72

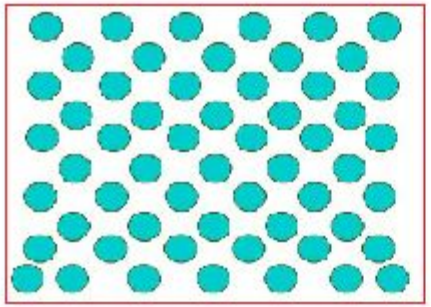
4. The group with maximum points wins.

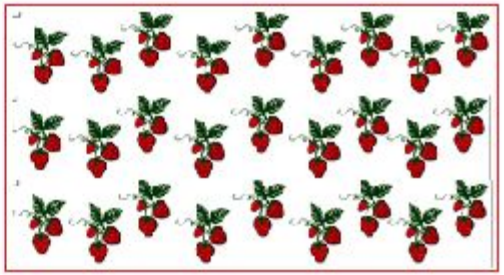
4. WORKSHEETS

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

Quickly look at the boxes below and estimate the number of circles and cherries in each.

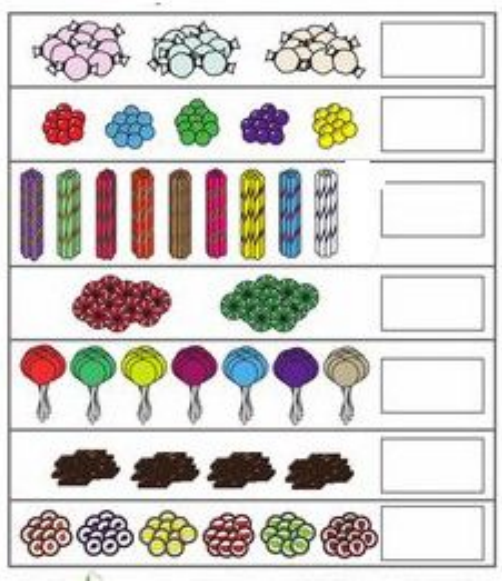




Now make groups of 10 and check if you got the right answer.

Worksheet 2

All the items are stacked in groups of tens. Count the total and fill in the blanks.



Worksheet 3

Solve and answer.

1. There are 10 sweets in each packet. I have 6 such packets and 4 sweets are in my pocket. How many sweets in all do I have?

2. Gunjan has 85 story books. If she can keep 10 books in one shelf, how many shelves does she need to store all her books?

3. The shoe shop has kept 38 pairs of shoes in the window. If each table has 10 shoes on it, how many pairs does each table have? How many tables are there in all?

Worksheet 4

If tens is represented by  and ones by  then write the numbers represented below:

a. 

b. 

c. 

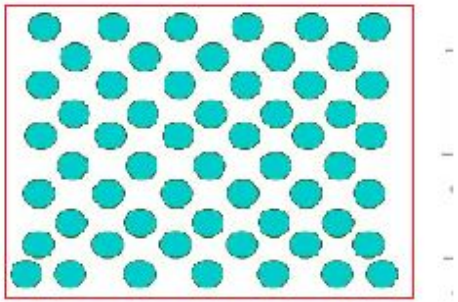
d. 

e. 

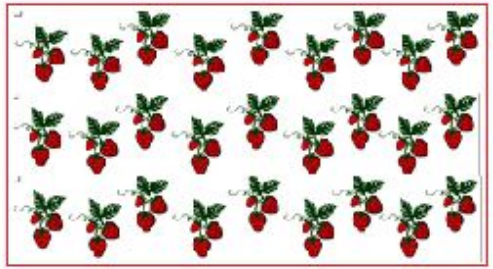
5. SOLUTIONS

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

Worksheet 1

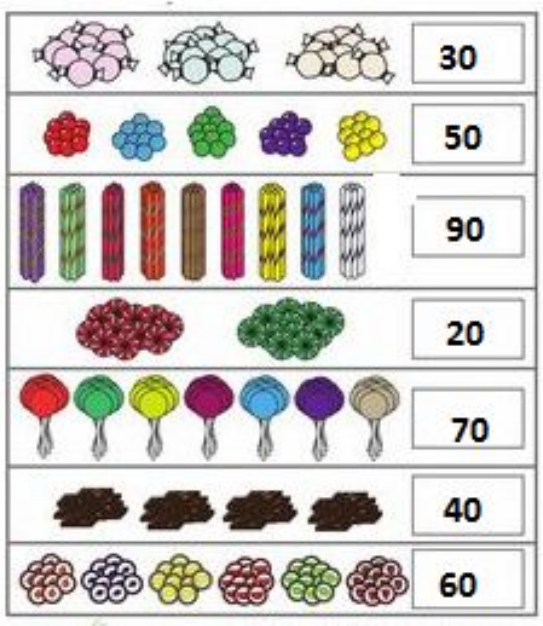


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Worksheet 2



Worksheet 3

1. 64 sweets
2. 9 shelves
3. 5pairs; 8 tables

Worksheet 4

a. 62
b. 88
c. 46
d. 94
e. 50

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:

https://www.youtube.com/watch?v=VPLguSksEIE Counting by tens song