



G3.50 | RECORD DATA USING TALLY MARKS & NUMERALS

Time, Money and Data Handling- NCERT Chapter 13: Smart Charts

Students will be able to record data using tally marks and numerals and answer simple questions

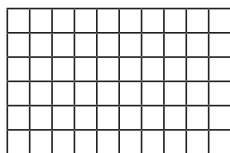
40- 50 min

PRE REQUISITES:

G2.50 Know how to recording Data using tally marks



TLM



6X10 grid



MISCONCEPTIONS

None

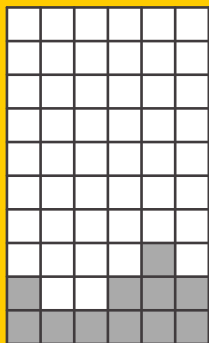


KEY VOCABULARY

None



PLAY



Representing numbers graphically



Divide the students into groups of 4. Distribute a 6X10 grid and a dice to each group



Ask each group to mark the column of the grid as 1, 2, 3, 4, 5, and 6 as shown



Ask the students to roll the dice and shade a square corresponding to the number



Ask the students to repeat the activity 10 times



Ensure that students start from the bottom row and sequentially go up without leaving any blank squares in the column



QUESTION

How many squares did you color for number 6? What does it mean?



PROCESS

1 2 3 4 5

Sports



Number of Students = frequency

5

10

4

1

Tally Marks

|||||

||||| |||||

||||

|

Draw data table with tally marks



Make a table showing the number of students playing different sports



Point to the table and tell the students that the table shows 5 students play badminton, 10 students play cricket, etc.



Remind the students that the number written in front of each sport shows how many students play it



Show the numbers using the tally mark



Emphasize that tally marks up to 4 are drawn as straight lines but tally mark for 5 is shown as a diagonal line through 4 lines



Tell that tally marks makes it easy to count as the no. of things is grouped in 5s



To the number of students playing cricket and tell the students that two sets of 5 tally marks can be quickly counted as 10



QUESTION: Which is the second most popular sport according to the table?



PRACTICE

Vehicle

How many

Cars	8
Trucks	5
Vans	2
Buses	4
Bikes	0



Draw the question on the black board and ask the students to solve



Help the students solve question 3 from the worksheet. Ask the students to look at the table and make tally marks to show each number



QUESTION

Which bird was seen most in number?



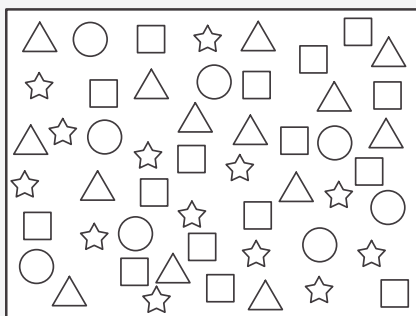
Help the students solve question 4 from the worksheet. Ask the students to record the number of each vehicle using tally marks and tell how many more trucks were seen than buses

Bird	How many?	Tally Lines
	4	
	3	
	2	





① SOLVED EXAMPLE : Count the shapes and complete the table below:



Shapes	Tally Marks

② Find out if there are any errors in the table below. Circle them:

S.No.	Company	Mobiles in the shop	Tally Marks
1.	REDMI	20	
2.	NOKIA	5	
3.	SAMSUNG	2	
4.	APPLE	9	

③ Biplab saw some birds outside his house and made a table to note the number of birds seen. Make tally marks to show each number and answer the questions:

S.No.	Birds	How Many	Tally Marks
1.		4	
2.		2	
3.		3	

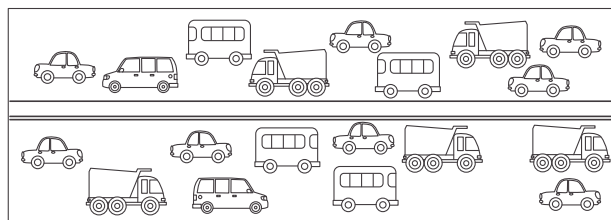
- How many peacock did he see?
- Which bird was seen most in number?

④ Make a table to show how many men, women, children, and babies visited the park



Who are there?	Tally Marks

⑤ How many of each vehicle is there on the road. Record using tally marks



- How many total vehicles were observed?
- Which two types of vehicles are seen in equal numbers?
- How many more trucks were seen than buses?



⑥ Observe the colors of all your clothes. Record the data table with tally marks and answer the questions given below:

S.No.	Color	Tally Marks
1.	Mixed colors	
2.	White	
3.		
4.		

