



STATE COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING

TELANGANA, HYDERABAD

READINESS PROGRAMME

Class: VII Medium: English Subject: Mathematics

Work sheet

Topic/ concept: Data Handling/ Collection of data using tally marks

I Learning outcomes

Students learn to rearrange given / collected data in the form of tables using tally marks.

II Conceptual understanding

The information of day of birth day of 40 students of class VI is collected.

The collected information of 40 participants is as follows:


Day of the week	No. of students
Sunday	7
Monday	6
Tuesday	5
Wednesday	8
Thursday	4
Friday	6
Saturday	4

The information collected within the form of numbers some specific purpose is called “data”.

Conceptual understanding 2:-

In census 2011, an enumerator collected information about the family size of 55 families in a habitation. Poorna made tally marks like this.

Poorna put a mark | for one family, for two families: ||, for three families: |||

For four families: |||| and for five families: 

The marks are known as “Tally Marks”

The manner in which Poorna has made the tally marks is generally used to obtain the frequency.

Family size	Tally Marks	No. of Families
2		6
3		19
4		23
5		5
6		2

A table showing the frequency or the count of the data items is called a frequency distribution table. The number of tally marks in each row is represented with a numbers and it is called frequency of that item.

WORK SHEET

- 15 students in a class got the following marks in an assignment.
2, 4, 6, 8, 1, 9, 10, 7, 6, 2, 4, 8, 6, 6, 2
The assignment was for 10 marks.
a) Arrange in table from using Tally marks.
b) How many students got 6 marks?
- In a 20-20 cricket match the individual runs of Dhoni, Virat Kohli, Rohit Sharma, Shikhar Dhawan, Harbhjan Singh are respectively 42, 24, 12, 06, 11. So prepare table for this information using tally marks.
- Take a die, roll it and record the number. Repeat this activity 40 times and record the numbers, arrange them in the form of a table.
- A child's kiddy bank is opened and the coins are counted. Their denominations are as follows:
One rupee coins : 12
Two rupee coins : 16
Five rupee coins : 8
Ten rupees coins : 4

Prepare frequency distribution table for the above data using the tally marks.

Instructions:-

1. Think and discuss with your friends about the method of preparing and frequency distribution using tally marks for given data
2. Read page numbers 106, 107 and 108 from the textbook for better understanding.

		Perfectly	Good	Not good
1	I can learn to prepare frequency distribution table using tally marks for the given data.			