

ACTIVITY NO. - 9

Subject	MATHEMATICS
Class	VI
Chapter/Unit	Data Handling
Topic	Pictograph
Time	30 minutes
Nature of Activity	Group

What will I learn (Learning outcome)?

To depict the data in the form of pictures through pictograph.

Skills:- Constructing, Psychomotor Coordination, Collecting, Representing, Analyzing, Interpreting

What I have to do?

To depict the given data through pictograph.

What do I require?

Bindis/stones/beads and adhesive.

What do I need to know?

Collection of Data and Concept of Pictograph.

➤ **Teacher's Activity**

Teacher will discuss about collection of data, concept of pictograph and will explain the steps of the activity.

How will I proceed?

➤ **Student's Activity**

- Conduct a survey in your class regarding different modes of transport (say school bus, van, bicycle, walking) used by the students to travel to school.
- Now, after collecting the above data, analyze it carefully and choose an appropriate symbol to represent the number of students using each mode of transport.
- Then, prepare a pictograph by placing required number of bindis/stones/beads against each mode of transport on the basis of scale chosen.

What have I observed?

Complete the following table:

Modes of Transport	Number of Students
School Bus	
Van	
Bicycle	
Walking	

- Which mode of transport is used the most? _____
- Which mode of transport is used the least? _____

What have I learnt?

To depict the data in the form of pictures through _____.

What am I curious to know?

Conduct a survey in your class regarding different sports (say cricket, football, hockey, table tennis, badminton) played by the number of students and prepare a pictograph in the form of pictures.

Let me evaluate myself

- Following is the data regarding the books of different subjects read by the number of student of class VI:

$$1 \begin{array}{|c|} \hline \square \\ \hline \end{array} = 5 \text{ students}$$

Subjects	Number of students
English	      
Hindi	    
Mathematics	      
Science	        
Social Science	     

Observe the above pictograph and answer the following questions:

(a) Which subject book is read by maximum number of students?

(b) How many more students read Social Science books than Mathematics books?

(c) Which subject books were read by equal number of students?

(d) Which subject book is read by minimum number of students?

(e) How many students read English books?

2. The following are the details of number of students present in a class of 40 during a week.

Days	Number of students present
Monday	36
Tuesday	40
Wednesday	38
Thursday	32
Friday	30
Saturday	28

Draw a pictograph using one symbol (of your choice) to represent 4 students.