

SUBJECT: MATHEMATICS**LESSON PLAN****TOPIC: SMART CHARTS****CHAPTER NO. : 13**

<u>PRECONTENT/CONTENT/ POSTCONTENT</u>	<u>LEARNING OUTCOMES</u>	
<u>SMART CHARTS</u>	<u>GENERAL</u>	<u>SPECIFIC</u>
<u>PRE-CONTENT</u> Brain storming and interactive session will be conducted by asking following questions:Q1) How many of you are aware of the elections going held last year?Q2) Do you know how is it decided which party has won? <u>CONTENT</u> Recording and interpreting the data Pictographs <u>POST CONTENT</u> Application of Pictograph	Students will be able to: ✓ identify various charts they see around them ✓ collect the data and represent the data in tabular form ✓ understand the use of pictographs ✓ compare the situations where we can use pictograph and bar graph	Students will be able to : ✓ recognize different ways in which data is represented ✓ interpret the data ✓ arrange the data in tally mark table. ✓ interpret the data represented by pictographs ✓ justify the situations where they use pictograph

Homework/Assignment

- Problems from NCERT Math Magic.

AND PROGRESS**MONTH : SEPTEMBER****CLASS: III**

<u>TEACHER'S ACTIVITY</u>	<u>STUDENT'S ACTIVITY</u>	<u>TEACHER'S OBSERVATION</u>
Teacher will : introduce the topic by showing the previous year's election results using the bar graph, pie charts etc. <u>ANNEXURE 13</u> show an audio – visual clipping to introduce the concept of tally marks and demonstrate the collection and representation of data using board game (Ludo). define pictographs and explain how to interpret the data represented in the pictographs demonstrate how to represent the data in pictorial form using the tally mark table generated in the activity performed by playing the board game.	Students will: participate in the brain storming session and observe the various ways in which data is represented <u>ANNEXURE 13</u> observe the video shown and participate in the activity to assimilate the concept of collecting data and record their observation in a tally mark table. solve the exercise questions given on Pg – 184 & 185. prepare a pictograph using smiley stickers their own on A4 size sheet and complete NCERT book exercises from Pg – 186 to 189 in the book.	Teacher will write his/her observations after the completion of the topic/s.

Teaching aids: A4 size sheet, smiley stickers, Smart Board, Internet etc.

Methodology/Innovative Method:-Activity method- learning by doing, Discussion, Method, Digital Technology and Peer learning-group work.

Interdisciplinary links: - Related to daily life- Use of different ways of arranging the data in meaningful manner. Students will develop sportsmanship while playing fair in the board game.

Coordinator

HOD

Headmistress

Principal

ANNEXURE 13

SMART CHARTS !

SUBJECT	MATHEMATICS
CLASS	III
CHAPTER/UNIT	SMART CHARTS
TOPIC	TALLY CHART
TIME	30 MINUTES
NATURE OF ACTIVITY	GROUP

What will I learn(Learning Outcome)?

Recording the data in the tally chart through learning by doing.

Skills: Understanding, Analyzing , Applying.

What I have to do?

To collect data and record data in tally chart using tally marks.

What do I require?

A4 size coloured sheet, dice , Ludo board and its counters, pencil and eraser.

What do I need to know?

Knowledge of tally marks

➤ Teacher's Activity :

The teacher will divide the class in groups of 4 members each, arrange counters , dice and ludo board for each group.

She will explain the rules of the game and recall the concept of tally marks and demonstrate how to put tally mark each time a number appears on the dice for any member, also how to record it in the tabular form.

How will I proceed ?**➤ Student's Activity :**

- 1) Each member will have counters of the chosen color.
- 2) Start playing the game and record the number of times 1, 2, 3, 4, 5, or 6 appears on the dice using tally marks in the tally chart.
- 3) The first member to put its 1 counter in the house will be the winner of the game and the game will end.

What have I observed ?

<u>Face of Dice</u>	<u>Tally Marks</u>	<u>No. of times the number is repeated</u>
1		
2		
3		
4		
5		
6		
Total		

What have I learnt?

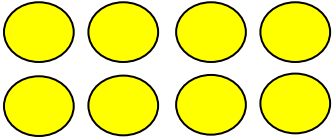
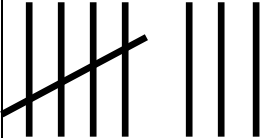
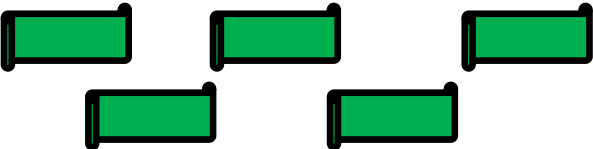
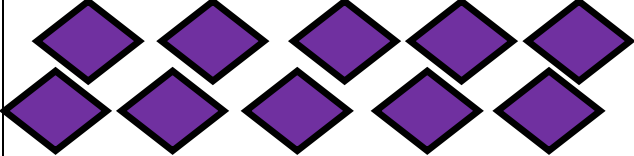
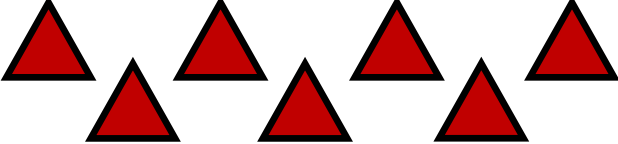
To represent data in a tabular form using tally marks.

What am I curious to know?

Repeat the same activity with some other game.

Let me evaluate myself

Q1) Count the objects shown in the image below and represent the data in the Tally Chart using tally marks.(First part is done for you).

<u>COUNT</u>	<u>TALLY MARKS</u>	<u>NUMBER</u>
		8
		
		
		
		

Q2) A Tally Chart representing the favorite ice cream toppings. For each topping, count the tally marks and write the number amount in the amount column. Also answer the questions that follow.

<u>TOPPINGS</u>	<u>TALLY MARKS</u>	<u>AMOUNT</u>
Hot Fudge	 / / / 	
Caramel	 / / 	
Whipped Cream	 / / / 	

- (a) Which ice cream topping was favored the most? _____
- (b) Which ice cream topping was favored the least? _____
- (c) How many people favored caramel topping ? _____