



GURUKRUPA COLLEGE OF EDUCATION AND RESEARCH, KALYAN (E)

NAME OF STUDENT TEACHER: **PRAGNYA PATNAIK**

CLASS: **IX (CBSE)**

SUBJECT: **MATHEMATICS**

TOPIC: **STATISTICS**

SUB TOPIC: **INTRODUCTION AND COLLECTION OF DATA (Co teaching)**

Learning Objectives:

- Remembering: Teacher helps student recall about data.
- Understanding: Student acquires the knowledge about statistics.
Student acquires knowledge about collection of data .
- Applying: Student able to apply knowledge of types of data collection.

Core Elements:

Observance of small family norms

Inculcation of Scientific Temper.

Core Values:

Scientific Temper

Sensitivity

Patriotism

Learning Resources/ Teacher's Tool Box: Text book, Internet, PPT

Content/ Sub- Points	Teacher Activity	Student Activity
<ul style="list-style-type: none"> What are Data? What are Statistics 	<p>Teacher asks questions on data based on previous knowledge.</p> <p>Teacher discusses about definition of Data and Statistics.</p> <p>Teacher asks students to give example of data and information.</p>	<p>Student Answering</p> <p>Student Listening</p> <p>Student Answering</p>
<ul style="list-style-type: none"> Steps of Statistics. Collection of Data <p>Types of data depending on collection of data</p>	<p>Teacher explains about the steps of Statistics. (Collection of data> Presentation of data> Organization of data> Analysis of Data)</p> <p>Teacher solves sums based on collection of data.</p> <p>Co-teacher tells about the types of data based on collection of data. (Primary Data and Secondary Data)</p>	<p>Student Listening</p> <p>Student Writing</p> <p>Student Listening</p>
Data Collection	Teacher gives more examples on collection of data.	Student Writing
Assignment	Teacher gives tasks to collect data based on the given parameters.	Student Writing

Blackboard Writing

Std: IX

Date: 22/02/2021

Sub: Mathematics

Topic: STATISTICS

PRIMARY DATA

When the information is collected by the investigator themselves with a definite objective in their mind

SECONDARY DATA

When the information is gathered from a source which already had the information stored

Observer's Remark

Sign of Guide

Sign of Observer

