



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

- What are Data?
- What are Statistics

Teacher asks questions on data based on previous knowledge.
Teacher discusses about definition of Data and Statistics.
Teacher asks students to give example of data and information.

Student Answering
Student Listening
Student Answering

- Steps of Statistics.
 - Collection of Data
- Types of data depending on collection of data

Teacher explains about the steps of Statistics.
(Collection of data> Presentation of data> Organization of data> Analysis of Data)
Teacher solves sums based on collection of data.
Co-teacher tells about the types of data based on collection of data.
(Primary Data and Secondary Data)

Student Listening
Student Writing
Student Listening

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

