



GURUKRUPA COLLEGE OF EDUCATION AND RESEARCH, KALYAN (E)

NAME OF STUDENT TEACHER: **PRAGNYA PATNAIK**

CLASS: **VI (CBSE)**

SUBJECT: **MATHEMATICS**

TOPIC: **RATIO AND PROPORTION**

SUB TOPIC: **PROPORTION**

THEME: **STORY BASED**

Learning Objectives:

- Remembering: Teacher helps student recall about ratio and its proper.
- Understanding: Student acquires the knowledge about use of variables in common rules of Mathematics
Student acquires knowledge about creating expressions with variables .
- Applying: Student able to apply knowledge of algebra to solve related sums.

Core Elements:

Observance of small family norms

Equality of sexes

Core Values:

Gender Equality

Politeness

Dignity of Labor

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

Content/ Sub- Points

Teacher Activity

Student Activity

- What is Ratio?
- Properties of ratio and equivalent ratio

Teacher asks to explain about ratio and its properties
 Teacher discusses about practicality of ratio.
 Teacher helps students in solving sums on ratio.

Student Answering
 Student Listening
 Student Writing

- What is proportion?
- Concept and application of proportion
- Sums based on the topic

Teacher explains the concept of proportion through stories. These stories are based on everyday issues which the students can relate to.
 (If two ratios are equal, we say that they are in 'Proportion' And Use the symbol '::' or '=' to equate the two ratios.)
 Teacher helps solve sums based on the topic.

Student Listening
 Student Listening
 Student writing

Test of proportionality and identifying terms

Teacher solves sums to explain the said concep .

Student Writing

Assignment

Teacher gives few sums to solve based on the day's topic

Student Writing

Blackboard Writing

Std: VI

Date: 15/02/2021

Sub: Mathematics
Topic: Proportion

**If two ratios are equal,
we say that they are in
'Proportion'
And
Use the symbol '::' or
'=' to equate the two
ratios.**

Vendor 1:
Rs. 40 for 5kg
Vendor2:
Rs. 48 for 6kg

Ratio of weight of tomato
= 5:6

Ratio of price of tomato=
40:48
=5:6

Both the ratios are same
and hence in proportion

Observer's Remark

Sign of Guide

Sign of Observer

