

<u>Pre-content/ Content / Post-Content</u>	<u>Learning outcomes / Objectives</u>	
	General	Specific
<u>PRE-CONTENT</u> - Place value table - Measure objects in mm ,cm and m.	Students will be able to recall and correlate with place value chart identify the length of an object in mm /cm / m.	Students will be able to identify the different parts of place value chart. apply the knowledge of units in measuring objects.
<u>CONTENT</u> Comparison of decimals Like and Unlike Decimals Concept of decimal numbers Addition and subtraction of decimals	arrange fractions in increasing and decreasing order of decimal numbers. convert unlike decimals to like decimals - understand the concept of decimal numbers. add or subtract decimals multiply and divide decimals.	distinguish and order decimal numbers in ascending or descending order. identify like and unlike decimals. - locate decimal numbers. apply operations of addition and subtraction on fractions and solve it. apply operations of multiplication and division on fractions and solve it.
<u>POST – CONTENT</u> Use of decimals in expressing money and temperature.	apply knowledge of decimals in real life situations.	apply understanding and knowledge of decimals and use them in solving word puzzles also.

HOMEWORK / ASSIGNMENT

Work exercises from the “ MathMagic “

Teacher's Activity	Student's activity	Teacher's observation and Remedial
Teacher will • demonstrate Jodo gyan fractional kit to explain the place values in fractions. • direct students to measure objects in their surroundings in mm/cm/m	Students will • use jodo gyan fractional kit to assimilate the concept. • follow the instructions measure the objects	Teacher will write her/his observations after completion of the topic
• explain the concept of like and unlike decimals. • relate both type of decimals to compare them • conduct activity using 10 x 10 grid in which students will be converting the fractional number into decimal number and representing them on a graph sheet. ANNEXURE - 10 • discuss algorithm to apply on the operations of + , - , X , - on decimal numbers.	• classify the decimals as like and unlike. • apply the concept of like and unlike decimals to compare them • actively participate in the activity and solve all the questions related to the topic from their textbook. ANNEXURE - 10 apply the concept and solve the sums related to operations on decimal numbers .	
• give real life puzzles.	• apply the concept of decimal numbers on real life puzzles and solve them from MathMagic	

Teaching Aids – Maths Lab , Flash cards , Graph Sheet , ICR , Active Inspire , Jodo gyan kit, Smart board

Methodology/Innovative Methods : Deductive Activity Method , Brainstorming, Digital technology

Interdisciplinary Links- Linked with Real life height, weight, temperature and money related examples will be discuss.

HOD

COORDINATOR

HEADMISTRESS

PRINCIPAL

ANNEXURE -
10

Subject	Maths
Class	V
Chapter/Unit	Tenths and Hundredths
Topic	Decimal Representation
Time	30 minutes
Nature of Activity	Individual

What will I learn (Learning Outcome)?

Representing a decimal number using a grid paper.

Skills:

Understanding, Applying

What I have to do?

To understand the concept of decimal numbers.

What do I require?

2 cardboards, 2 white chart papers, 2 sketch pens of different colors, pencil, ruler, eraser and adhesive.

What do I need to know?

Fractions and Decimal numbers.

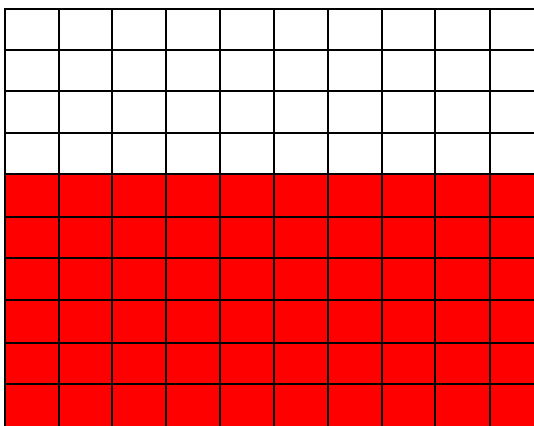
➤ **Teacher's Activity**

Teacher will ask the students about the conversion of a fractional number into decimal form.

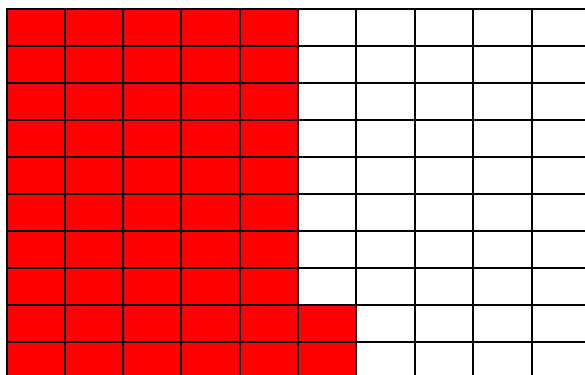
How will I proceed?

➤ **Student's Activity**

- 1) Draw 2 grids of 10 X 10 and cut it.
- 2) Take one of the grids and shade 6 horizontal strips out of 10 strips by using blue sketch pen .



- 3) Take another grid and shade 52 small squares using a red sketch pen.



What have I observed?

1. Fraction shaded in red color = _____.
2. Fraction shaded in blue color = _____.
3. Decimal representation of red color = _____
4. Decimal representation of blue color = _____

What have I learnt?

To represent a decimal number using a 10 x 10 grid paper.

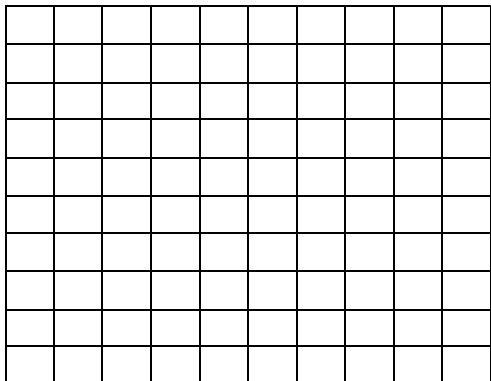
What am I curious to learn?

Can I use 10 x10 grid paper to representing.

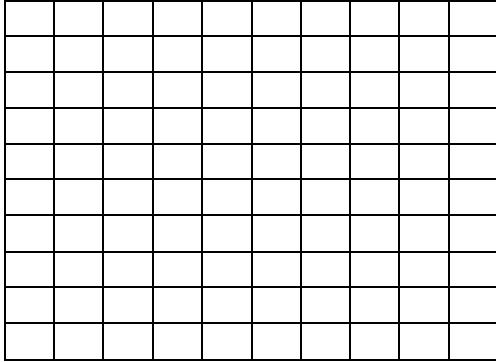
Let me evaluate myself

Q 1) Shade the following decimals and fractions:

a)



b)



0.48

Q 2) Write the following fractions in decimal form:

- $\frac{50}{100} = \underline{\hspace{2cm}}$
- $\frac{73}{100} = \underline{\hspace{2cm}}$
- $\frac{15}{100} = \underline{\hspace{2cm}}$

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