

Class – V

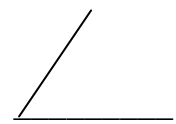

Time Frame	Topic/ Theme	Subject Matter	Activities/T.L.M	Evaluation
Unit – I				
Let Us Revise				
4 hrs.	Let us Revise	<ul style="list-style-type: none"> Write in words and digits up to 10,00,00.000 (10 crore) Numbers given randomly. Expanded form of numbers, Addition, subtraction, multiplication & Division. 	By doing some questions on the B.B. & also revise some topics orally.	By giving some question to the students for solution.
Unit – II				
International System of Numeration & Roman Notation				
8 hrs	International System Of Numeration & Roman Notation	<ul style="list-style-type: none"> To introduce international system of numeration up to 100 million. Place value of expanded form of international system of 	<ul style="list-style-type: none"> Explain international system of numeration on B.B. with some examples from text book. A clock 	By asking question from the content orally as well as written.

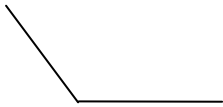
		<p>numeration.</p> <ul style="list-style-type: none"> • Write in words the given number (up to 9 digits) in international system of numerations. • Roman notation up to three thousands, randomly, selected numbers. 	<p>marked I to XII in roman notation may be shown to the students.</p> <ul style="list-style-type: none"> • By making flash cards in roman notations. 	
<p>Unit – III Decimal</p>				
10 hrs.	Decimal	<ul style="list-style-type: none"> • Addition of subtraction of a decimal number. • Multiplication of a decimal number by 10, 100, 1000. • Division of a decimal number by an integer and by a decimal number. • Simplification 	<p>Showing multiplication & division by method of simple fraction</p> <p>e.g.</p> $3.12 \times 4 = \frac{312}{100} \times 4$ $= \frac{1248}{100} = 12.48$ <p>or</p> $3.12 \times 4 = 12.48$ $\frac{6.76}{4} = \frac{676}{100} \times \frac{1}{4}$ $= \frac{169}{100} = 1.69$ $6.76/4 = 1.69$	By giving questions from exercises to the students for solution.

		<p>of a mixed problem in decimal fraction.</p> <ul style="list-style-type: none"> • Conversion of simple fraction into decimal fraction and vice versa. 	<p>Multiplication & division by applying properties of decimal fraction.</p>	
<p>Unit – IV</p> <p>Simplification of Numerical Expression</p>				
12 hrs.	Simplification of numerical expression	<ul style="list-style-type: none"> • Simplification of numerical expressions having simple fraction as well as decimal fractions (DMAS) • Statement based problems.. 	By solving some problems using B.B. on DMAS	It can be done by giving questions to the students for solution.
<p>Unit – V</p> <p>Average</p>				
8 hrs.	Average	<ul style="list-style-type: none"> • Concept of Average • Need of Average • Calculation of Average 	Explain average by taking different examples.	<ul style="list-style-type: none"> • Oral as well as written question will be given to the

		<ul style="list-style-type: none"> Practical problems. 		<p>students.</p> <ul style="list-style-type: none"> Ask each student to calculate the average marks obtained by him /her in 1st quarterly examinations in all four subjects (Eng, Math, Hindi, EVS)
Unit – VI Addition & Subtraction Of Algebraic Expressions				
14 hrs.	Addition & Subtraction of Algebraic Expressions	<ul style="list-style-type: none"> Revision of addition of algebraic expressions. Introduction of subtraction of algebraic expressions. Statement based 	<ul style="list-style-type: none"> Addition of two variables e.g. $2x + 4y$ $\underline{3x - 5y}$ $5x - y$ Clear the concept of subtraction 	Oral as well as written questions about the content.

		problems on algebraic expressions.	by solving some problems e.g. $5M - 3M = 2M$																
Unit - VII Percentage																			
	Percentage	<ul style="list-style-type: none"> • Concept of percentage. • Conversion of fractional & decimal numbers into Percentage & vice versa. • Simple problems. 	<table border="1"> <thead> <tr> <th>%age</th> <th>fraction</th> <th>decimal</th> </tr> </thead> <tbody> <tr> <td>1%</td> <td>1/100</td> <td>0.01</td> </tr> <tr> <td>9%</td> <td>9/100</td> <td>0.09</td> </tr> <tr> <td>47%</td> <td>47/100</td> <td>0.47</td> </tr> <tr> <td>93%</td> <td>93/100</td> <td>0.93</td> </tr> </tbody> </table>	%age	fraction	decimal	1%	1/100	0.01	9%	9/100	0.09	47%	47/100	0.47	93%	93/100	0.93	By giving oral test as well as written test.
%age	fraction	decimal																	
1%	1/100	0.01																	
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93%	93/100	0.93																	
Unit – VIII Profit & Loss																			
22 hrs.	Profit & Loss	<ul style="list-style-type: none"> • Concept of cost price, selling price, Profit & Loss. • Problems on profit & loss & Profit %age & Loss %age. 	Knowledge through practical problems relating profit & loss e.g. Raj purchased a cow of Rs. 800 & sold for Rs. 950. Cost price = Rs. 800 Selling price = Rs. 950. Gain = Rs 150	Evaluation will be done through exercise.															

			(Profit) Gain % = Rs $\frac{150}{200} \times 100 =$ 18.75%	
Unit – IX Simple Interest				
22 hrs.	Simple Interest	<ul style="list-style-type: none"> • Concept of principle, Amount, Time rate of interest & simple interest. • Calculation of interest & amount with the help of formula. • Practical problem based on simple interest. 	By showing the pass book of bank or Post office to the students to clear the concept of principle, Amount, interest etc. e.g. Deposited money => Principle Excess money we got => Interest.	By giving different questions to the student for solution by using formula for simple interest.
Unit – X Angles				
15 hrs.	Angles	<ul style="list-style-type: none"> • The concept of difference between Line, Ray & Line segment. • Definition of Angle. • Kinds of 	 Acute angle  Right angle	By constructing Angles on the copy & then check with the help of protector.

		<p>Angles.</p> <ul style="list-style-type: none"> • Bisection of a line segment with compass. • Construction of standard angles 30°, 45°, 60°, 90°, 120°, 150°, 180°. With the help of compass. • Intersecting lines, Parallel lines. 	 <p>Obtuse angle.</p> <p>Teacher helps the students to construct angles in their copies with the help of compass for exercise.</p>	
<p>Unit – XI</p> <p>Triangle</p>				
20 hrs.	Triangle	<ul style="list-style-type: none"> • Concept of collinear & non collinear points. • Concept of triangle, its vertices & sides. • Classification of triangles in respect of sides & angles. • Construction of triangle of 	<p>Card board triangles may be used to clear the concepts of sides, vertices & angle of a triangle and also its classification.</p> <p>Also construction of triangles with the help of compass & ruler by the students.</p>	<p>Evaluation may be done through exercise.</p>

		given three sides with compass & ruler.		
Unit XII				
Circle				
10 hrs.	Circle	<ul style="list-style-type: none"> • Concept of circle, its center, radius, circumference, diameter, chord, arc, semi circle. • Construction of a circle by taking different radii. 	By drawing a circle on the ground with the help of nail & thread to clear the concept of contents.	With the help of paper circle or card board circle about different parts of the circle.
Unit – XIII				
Area				
15 hrs.	Area	<ul style="list-style-type: none"> • Area of a rectangle & square. • Practical problem related to area of rectangle & square. 	By solving some problem of area on black board by using formula for calculation. Area of square = side x side. Area of rectangle = length x breadth.	By giving questions to students for solving.

Unit – XIV
Patterns

10 hrs.	Patterns	<ul style="list-style-type: none">• Identifies patterns in square numbers.• Relates sequence of odd numbers between consecutive square numbers.• Make border strip & tiling patterns.	By solving the exercise given in the book in front of the students.	With the help of fill in the blanks evaluation of patterns can be done.
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