

First Term Curriculum
Session : 2022-23
Subject -Mathematics
Class- V

	FEB/MARCH	APRIL	MAY	JUNE
Concepts	Ch. 1 Large Numbers Ch. 2 Four Operations	Ch. 3 Multiples and factors Ch.4 Fractions (Contd.)	Ch. 4 Fractions Ch. 5 Decimals	Ch.6 Geometry Ch.7 Patterns and Symmetry
Learning Outcomes	<p>Students will be able</p> <ul style="list-style-type: none"> To read, write and compare 7, 8, digit numbers in the Indian and international system of numeration. To round off numbers. To read and write roman numerals. To perform addition, subtraction multiplication and division of numbers by understanding the place value of numbers. To find estimation on four operations. 	<p>Students will be able</p> <ul style="list-style-type: none"> To understand multiples and factors. To apply the rule of Divisibility . To find common factors and common multiples. To find the Highest common factor (HCF) and the lowest common multiple (LCM) of the given pairs of numbers To understand like and unlike fractions. To reduce fractions to lowest terms. To compare fractions. 	<p>Students will be able</p> <ul style="list-style-type: none"> To add ,subtract ,multiply and divide fractions. To convert fractions to decimals and vice versa. To convert unlike decimals to like decimals. To compare decimals. To add,subtract, multiply and divide decimals 	<p>Students will be able</p> <ul style="list-style-type: none"> To understand and measure angles. To draw angles less than 180° with a protractor. To understand solid shapes and their nets. To understand symmetric or asymmetric shapes. To understand reflection and rotation. To express patterns in a calender
Skills	Understanding/Knowledge /Application	Understanding/Knowledge/ Application	Understanding/ Knowledge /Application	Understanding/ Knowledge/Application/creativity/ Analysis/Synthesis
Activities	<p>Competency -skills based activity/ Experiential learning activities:</p> <ul style="list-style-type: none"> Flash cards My experiments with Math 	<p>Competency -skills based activity/ Experiential learning activities:</p> <ul style="list-style-type: none"> Pulses activity 	<p>Competency -skills based activity/ Experiential learning activities:</p> <ul style="list-style-type: none"> Dice activity 	<p>Competency -skills based activity/ Experiential learning activities:</p> <ul style="list-style-type: none"> Angle puppet Butterfly Activity

Assessments	<ul style="list-style-type: none"> Pen - paper Test Quiz/Questionnaire CW/HW Assignment Notebook Maintenance Main Book: 'I did It 'Mathematics
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Final Term Curriculum
Session : 2022-23
Subject -Mathematics
Class - V

	JULY/AUGUST	SEPTEMBER	OCTOBER	NOVEMBER
Concepts	Ch.8 Metric Measures Ch.9 Time and Temperature (Contd.)	Ch.9 Time and Temperature Ch. 10 Mathematics in daily life	Ch. 11 Perimeter ,Area and Volume	Ch.12 Data handling
Learning Outcomes	Students will be able <ul style="list-style-type: none"> To express length, mass, capacity in different units of measurement To convert bigger to smaller units and vice versa. To operate on metric measure. To estimate measures. To understand 12- hour and 24 - hour clocks. To convert a bigger unit to a smaller unit. 	Students will be able <ul style="list-style-type: none"> To find the duration of days and time. To convert Fahrenheit scale to Celsius scale. To find out cost price, selling price and profit and loss. To solve problems using unitary method 	Students will be able <ul style="list-style-type: none"> To find the perimeter and area of a rectangle, a square and a triangle. To find the relationship between area and perimeter. To find the volume of a cube and a cuboid using formula. 	Students will be able <ul style="list-style-type: none"> To understand and read pie charts, circle and line graph.
Skills	Understanding/ Knowledge/Application/ Analysis	Understanding/ Knowledge/Application/ Analysis	Understanding/Knowledge /Application/Analysis/ Synthesis	Understanding/Knowledge/ Application/Analysis/ Synthesis
Activities	Competency -skills based activity/ Experiential learning activities: <ul style="list-style-type: none"> Measure your height 	Competency -skills based activity/ Experiential learning activities: <ul style="list-style-type: none"> Daily life activity 	Competency -skills based activity/ Experiential learning activities: <ul style="list-style-type: none"> Daily life activity 	Competency -skills based activity/ Experiential learning activities: <ul style="list-style-type: none"> Diet Chart
Assessments	<ul style="list-style-type: none"> Pen - paper Test Quiz/Questionnaire CW/HW Assignment Notebook Maintenance Main Book: 'I did It 'Mathematics 			