First Term Curriculum
Subject: Mathematics
Class: V
Session: 2024-25

Month	APRIL	MAY	JUNE	JULY
Concepts	**Ch-1** Large Numbers **Ch- 2** Four Operations	**Ch-3** Multiples and factors **Ch-4** Fractions	**Ch-4** Fractions **(Contd.)** **Ch-5** Decimals	**Ch-5** Decimals **(Contd.)**
Learning Outcomes	**Students will be able** ● 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.	**Students will be able** ● To understand multiples and factors. ● To apply the rules 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.	**Students will be able** ● To add, subtract, multiply and divide fractions. ● To convert fractions to decimals and vice versa. ● To convert unlike decimals to like decimals.	**Students will be able** ● To compare decimals. ● To add, subtract, multiply and divide decimals.
Skills	Understanding/Knowledge /Application	Understanding/Knowledge/ Application	Understanding/ Knowledge /Application	Understanding/ Knowledge/Application/ creativity/ Analysis/Synthesis
Activities	**Competency -skills based activity/ Experiential learning activity:** ● Flash cards ● My experiments with Math	**Competency -skills based activity/ Experiential learning activity:** ● Pulses activity	**Competency -skills based activity/ Experiential learning activity:** ● Dice activity	**Competency -skills based activity/ Experiential learning activity:** ● Jodo Gyan Activity
Art Integration	**English, Social Science, Science and Art**			
Assessments	● Pen - Paper Test ● Quiz/Questionnaire ● C.W./ H.W./ Assignment ● Notebook Maintenance **Main Book: 'I Did It' Mathematics** **Publisher: Cambridge University Press (Revised Edition)**			

Final Term Curriculum
Subject: Mathematics
Class: V
Session: 2024-25

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Concepts	**Ch-6** Geometry **Ch-7** Patterns and Symmetry	**Ch-8** Metric Measures	**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** • 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.	**Students will be able** • 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.	**Students will be able** • To understand 12-hour and 24 - hour clocks. • To convert a bigger unit to a smaller unit. • To find the duration of days and time. • To convert Fahrenheit scale to Celsius scale. .	**Students will be able** • To find out cost price, selling price, profit and loss. • To solve problems using unitary method**.** • 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** • 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	Understanding/ Knowledge/ Application/Analysis/ Synthesis
Activities	**Competency - skills based activity/ Experiential learning activities:** • Angle Paper Activity • Butterfly Activity	**Competency - skills based activity/ Experiential learning activities:** • Measure your Height/Weight	**Competency -skills based activity/ Experiential learning activities:** • Flash Cards (Conversion of time) • Daily life activity	**Competency -skills based activity/ Experiential learning activities:** • Role Play (Profit/Loss) • Area and Perimeter of Books and Notebooks	**Competency -skills based activity/ Experiential learning activities** • Diet Chart
Art Integration	**English,SocialScience,Science and Art**				
Assessments	• Pen - Paper Test • Quiz/Questionnaire • C.W./ H.W./ Assignment • Notebook Maintenance **Main Book: 'I Did It' Mathematics** **Publisher: Cambridge University Press (Revised Edition)**				