



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

Month	APRIL	MAY	JUNE	JULY
Concepts	Ch-1 Number System Ch-2 Addition and Subtraction	Ch-2 Addition and Subtraction(Contd.) Ch-3 Multiplication	Ch- 4 Division	Ch-5 Multiples and Factors
Learning Outcomes	Students will be able <ul style="list-style-type: none"> To read and write numbers up to 999999 using place value. To compare numbers up to 999999. To solve and create daily life problems using addition and subtraction of 6-digit numbers. 	Students will be able <ul style="list-style-type: none"> To solve and create daily life problems using addition and subtraction. To multiply 2 and 3 digit numbers. To solve and create daily life problems using multiplication. 	Students will be able <ul style="list-style-type: none"> To divide a number by 10, 100, 1000. To divide a number by another number using long division method. To solve and create daily life problems using division. 	Students will be able <ul style="list-style-type: none"> To recognize the broad classification of numbers as prime, composite and co-prime numbers. To apply the divisibility rules of 2, 3, 5, 9, and 10. To understand Prime Factorisation.
Skills	Understanding/ Knowledge /Application	Understanding/ Knowledge /Application	Understanding/ Knowledge /Application	Understanding/ Knowledge / Application
Activities	Competency -skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Flash cards 	Competency -skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Newspaper Activity Multiplication Game (Jodo Gyan Kit) 	Competency -skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Crosswords 	Competency -skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Pulses Activity
Art Integration	English, Science, Social Science and Art			
Assessments	<ul style="list-style-type: none"> Pen – Paper Test Notebook maintenance Quiz/Questionnaire C.W./ H.W./ Assignment <p>Main Book: 'I Did It' Mathematics Publisher: Cambridge University Press (Revised Edition)</p>			

**Final Term Curriculum
Subject- Mathematics
Class- IV
Session: 2024-25**

	AUGUST	SEPTEMBER	OCTOBER	November	December
Concepts	Ch- 6 Fractions Ch- 8 Geometry Ch-9 Patterns and Symmetry	Ch-7 Decimals	Ch-10 Metric Measures	Ch-11 Time Ch-12 Money	Ch-13 Area and Perimeter Ch-14 Data Handling
Learning Outcomes	<p>Students will be able</p> <ul style="list-style-type: none"> To show the equivalence of fractions. To identify types of fractions and compare fractions. To express mixed fraction into improper fraction and vice- versa. To solve problems on daily life situations involving addition and subtraction of fractions. To measure and draw a line segment. To identify the center, radius, diameter, chord and circumference of the circle. To show through paper folding/paper cutting, ink blots, etc. the concept of symmetry by reflection. 	<p>Students will be able</p> <ul style="list-style-type: none"> To read and write decimals. To convert fractions into decimals and vice-versa. To compare decimals. Perform addition and subtraction with decimal numbers. 	<p>Students will be able</p> <ul style="list-style-type: none"> To convert meter into centimeter and vice-versa. To estimate the length of an object/distance between two locations, weight of various objects, volume of liquid, etc., and verify them by actual measurement. To simplify real life situations/problems including length, mass and capacity by using addition and subtraction. 	<p>Students will be able</p> <ul style="list-style-type: none"> To read clock time in hours and minutes and express the time in a.m. and p.m. To relate 24 hr. clock with respect to 12 hr. clock. To calculate time intervals/ duration of familiar daily life events by using forward or backward counting/ addition and subtraction. To convert rupees into paise and vice-versa. To apply operations for solving real- life problems on money. 	<p>Students will be able</p> <ul style="list-style-type: none"> To explore the area and perimeter of simple geometrical shapes and irregular shapes. To Read and Interpret Bar Graphs/ Pie Charts.
Skills	Understanding/ Knowledge / Application	Understanding/ Knowledge /Application	Understanding/ Knowledge / Application	Understanding/ Knowledge/ Application	Understanding/ Knowledge/ Application
Activities	<p>Competency –skills based activity/ Experiential learning activity:</p> <ul style="list-style-type: none"> Square Grid Paper Paper Folding 	<p>Competency – skills based activity/ Experiential learning activity:</p> <ul style="list-style-type: none"> Jodo Gyan Kit 	<p>Competency –skills based activity/ Experiential learning activity:</p> <ul style="list-style-type: none"> Conversion of units(Relay Race) 	<p>Competency –skills based activity/ Experiential learning activity:</p> <ul style="list-style-type: none"> Time Line Collection of currency 	<p>Competency –skills based activity/ Experiential learning activity:</p> <ul style="list-style-type: none"> Area of irregular shapes(Leaf) Survey
Art Integration	English, Science and Art				

Assessments

- Pen - Paper Test
- Quiz/Questionnaire
- Notebook maintenance
- C.W./ H.W./ Assignment

Main Book: 'I Did It' Mathematics

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