First Term Curriculum
Session - 2023-24
Subject- Mathematics
Class- IV

|  | February/March | April | May | June |
| :---: | :---: | :---: | :---: | :---: |
| Concepts | Ch-1 Number System Ch-2 Addition and Subtraction | Ch-3Multiplication Ch- 4 Division | Ch- 4 Division(contd.) Ch- 5 Multiples and Factors | Ch- 6 Fractions |
| Learning <br> Outcomes | Students will be able <br> - To read and write numbers up to 999999 using place value. <br> - To compare numbers up to 999999. <br> - To solve and create daily life problems using addition and subtraction of 6digit numbers. | Students will be able <br> - To multiply 2 and 3 digit numbers. <br> - To solve and create daily life problems using multiplication. <br> - To divide a number by $10,100,1000$. <br> - To divide a number by another number using long division method. | Students will be able <br> - To solve and create daily life problems using division. <br> - To recognize the broad classification of numbers as prime, composite and co-prime numbers. <br> - To apply the divisibility rules of $2,3,5,9$ and 10. <br> - To find HCF or LCM of the given pair of numbers. | Students will be able <br> - To show the equivalence of fractions. <br> - To identify types of fractions and compare fractions. <br> - To express mixed fraction into improper fraction and vice- versa. <br> - To solve problems on daily life situations involving addition and subtraction of fractions. |
| Skills | Understanding/know ledge /Application | Understanding/knowle dge /Application | Understanding/knowledge /Application | Understanding/knowledge / Application |
| Activities | Competency -skills based activity/ Experiential learning activities: <br> - Flash cards <br> - Newspaper Activity | Competency -skills based activity/ Experiential learning activities: <br> - Multiplication Game | Competency -skills based activity/ Experiential learning activities: <br> - Crosswords <br> - Pulses Activity | Competency -skills based activity/ Experiential learning activities: <br> - Paper Strip Activity |
| Assessments | - Pen - Paper Test <br> - Notebook maintenance <br> - Quiz/Questionnaire <br> - CW/HW Assignment <br> Main Book: ‘I Did lt’ Mathematics |  |  |  |

Final Term Curriculum
Session - 2023-24
Subject- Mathematics
Class- IV

|  | July/August | September | October | November |
| :---: | :---: | :---: | :---: | :---: |
| Concepts | Ch-7 Decimals <br> Ch-10 Metric Measures | Ch-9 Patterns and Symmetry Ch- 8 Geometry | Ch-11Time Ch-12 Money | Ch-13 Area and Perimeter Ch-14 Data Handling |
| Learning <br> Outcomes | Students will be able <br> - To read and write decimals <br> - To convert fractions into decimals and viceversa <br> - To compare decimals <br> - Perform addition and subtraction with decimal numbers. <br> - To convert meter into centimeter and viceversa. <br> - 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. <br> - To simplify real life situations/problems including length, mass and capacity by using addition and subtraction. | Students will be able <br> - To Show through paper folding/paper cutting, ink blots, etc. the concept of symmetry by reflection. <br> - To measure and draw a line segment. <br> - To Identify the center, radius, diameter, chord and circumference of the circle. | Students will be able <br> - To read clock time in hours and minutes and express the time in a.m. and p.m. <br> - To relate 24 hr . clock with respect to 12 hr . clock. <br> - To calculate time intervals/ duration of familiar daily life events by using forward or backward counting/ addition and subtraction. <br> - To convert rupees into paise and vice- versa. <br> - To apply operations for solving real- life problems on money. | Students will be able <br> - To explore the area and perimeter of simple geometrica shapes and irregular shapes. <br> - To Read and Interpret Graphs/ Pie Charts. |
| Skills | Understanding/ knowledge / Application | Understanding/knowledge /Application | Understanding/knowledge / Application | Understanding/ knowledge/, Application . |
| Activities | Competency -skills based activity/ Experiential learning activities: <br> - Square Grids Paper <br> - Measure your weight | Competency -skills based activity/ Experiential learning activities: <br> - Paper Folding | Competency -skills based activity/ Experiential learning activities: <br> - Time Line <br> - Bill Activity | Competency -skills based activity/ <br> Experiential learning activities: <br> - Measure my books and notebooks <br> - Survey |
| Assessments | - Pen - Paper Test <br> - Quiz/Questionnaire <br> - Notebook maintenance <br> - C.W./ H.W. Assignment |  |  |  |

