

DAYAWATI MODI PUBLIC SCHOOL CHANDIL

Syllabus

Session:-2021-2022

Class:- IV

Subject: MATHS

Subject Teacher: SHUBHRA DUTTA

Name of Book:- C OMPOSITE MATHEMATICS

| Month | Working Days | Lesson | Art Integrated Project |
|-------|--------------|--|--|
| APRIL | 23 | <p>2.ROMAN NUMERLS Basic rules to form roman numerals, writing roman numerals for Hindu-Arabic Numerals up to 100.</p> <p>3.NUMBER SYSTEM 5- digit and 6- digit numbers, Indian and International number system, Face and Place value, Expanded notation, Successor and Predecessor, Skip counting, Comparison of numbers, Ascending and Descending order.</p> | <p>Matchstick Math Activity Solve some Question and Show it using Matchstick.</p> <p>Write your Birthday and show it as per Indian and International Place Value System and Show it in Expanded form in card with colour pencil.</p> |
| MAY | 24/9 | <p>4. ADDITION AND SUBTRACTION Addition-with carrying and without carrying Properties of Addition on Numbers, Word Problems on Addition Subtraction-with Borrowing and Without Borrowing Word Problems on Subtraction.</p> <p>5.MULTIPLICATION AND DIVISION Properties of Multiplication, Multiplication of a Number by 10,100,1000 and a Multiple of 10,100,1000 etc. Multiplication of 3- and 4- digit Numbers, Word problems on multiplication.</p> | <p>Write the Properties of Addition with colour pencils.</p> <p>Conversion of Subtraction in Words.</p> <p>Make a house of Multiplication of any Number.</p> |

| | | | |
|-----------|-------|--|---|
| JUNE | 24/16 | <p>5. MULTIPLICATION AND DIVISION Division, Properties of Division Division by a 2-digit Number, Division by 10,100 and 1000. Word Problems on Division.</p> <p>6. FACTORS AND MULTIPLES Factors, properties of Factors, Highest Common factor Multiples, Properties of Multiples, Lowest Common Factor, Prime and Composite Numbers, Sieve of Eratosthenes, Prime factorisation, Tests of Divisibility</p> | <p>Make a Division Wheel using Chart Paper.</p> <p>Make a Factor Tree using cardboard and Colour Paper.</p> |
| JULY | 25 | <p>7.NUMBER PATTERNS Patterns on the Number Grid, Table Patterns, Number Patterns in Addition of Consecutive Numbers, Adding Odd and Even Numbers, patterns in Multiplication.</p> <p>8.ESTIMATION Rounding Numbers to the Nearest Ten, Hundred and Thousand. Estimation Sums ,Difference, Products</p> | <p>Make Pattern of the following.(Using stick or matchstick)</p> <ol style="list-style-type: none"> 1 .Standing Line and Sleeping Line. 2. Upword and Downword Triangle. 3.Consecutive Numbers <p>Estimate Product of 2- and 3-digit numbers in chart paper.</p> |
| AUGUST | 23 | <p>9.FRACTION Fraction as Part of a Whole, Fractional Number , Numerator and Denominator, Fraction Represented on a Number Line, Equivalent Fractions, Comparison of Fractions, Like and Unlike Fractions, Addition and Subtraction of Like Fractions, Fraction as Division, Unit Fractions, Proper and Improper Fractions, Mixed Numbers.</p> <p>10.DECIMALS Decimal Fractions, Rules For Converting Decimals into Common Fractions, Decimal Fractions into Place Value Chart, Decimals in Expanded Form.</p> | <p>Make a Project of Fraction Bird and paste it in chart paper.</p> <p>Conversion of Paise into Rupees and Find the Total Amount in Decimal.</p> |
| SEPTEMBER | 17 | <p>11.MONEY Currency, Expressing Money in Words and Figures, To Convert- Rupees into Paise, Rupees and Paise into Paise, Amount Expressed in Figures into Paise, Amount Given in Paise into Rupees and Paise. Addition and Subtraction of Money, Multiplication and Division of Money by a Whole Number.</p> <p>REVISION</p> | <p>Make a Wallet Using chart paper and keep some rupees and paise in it.</p> |

| | | | |
|----------|----|--|--|
| OCTOBER | 17 | <p>12.MEASURES OF LENGTH, MASS AND CAPACITY</p> <p>Measures of Length, Conversion From Higher to Lower and Lower to Higher Units of Length, Conversion of Mixed Units to Lower Units of Length.</p> <p>Measures of Mass, Conversion from Higher to Lower and Lower to Higher Units of Mass.</p> <p>Measures of Capacity, Conversion of Higher to Lower and Lower to Higher Units of Capacity.</p> <p>Addition and Subtraction of Length Measurements, Mass measurements, Capacity Measurements, Word Problems.</p> | <p>Write all the Units and Values of Length, Mass and Capacity.</p> <p>*Higher and Lower than Meter</p> <p>*Higher and Lower than Gram</p> <p>*Higher and Lower than Litre.</p> |
| NOVEMBER | 20 | <p>13.UNITARY METHOD</p> <p>14.GEOMETRY</p> <p>Point, Line Segment, Line and Ray.</p> <p>Measuring Line Segments, Straight and Curved Lines, Closed and Open Figures, Simple Closed Figures, Polygons, Types of Polygons, Circle.</p> | <p>Find the Cost of One and More Items from the given Price of Items.</p> <p>Show Different Types of Lines, Rays and Line Segment with Sticks.</p> <p>OR</p> <p>Make the Polygons with Sticks.</p> |
| DECEMBER | 20 | <p>15.Perimeter of Rectilinear Figures</p> <p>16.THREE-DIMENSIONAL SHAPES</p> <p>Solids, Cube, Cuboid, Pyramid</p> <p>17.SYMMETRY</p> <p>Symmetry in Geometrical Shapes</p> | <p>Activity to Find the Perimeter of a Composite Figures.</p> <p>Make a Thread Art in a Paper to Show the Symmetry.</p> |
| JANUARY | 23 | <p>18.TIME</p> <p>Facts About a Clock, Reading Time, Use a.m and p.m, Duration of an Activity, Conversion of Days into Hours, Hours into Minutes and Minutes into Seconds, The 24-Hour Clock Time, Addition and Subtraction of Time.</p> <p>19.CALENDAR</p> <p>Days of the Week, Months of the Years, Ordinary and Leap Years, How to Write Dates, Calendar.</p> | <p>Write and Draw the Five Activities.</p> <p>*Boiling 1 litre of Milk.</p> <p>*Filling a Bucket.</p> <p>*Sweeping your Room.</p> <p>*Snapping your Finger.</p> <p>*Placing your Book shelf.</p> <p>Make a Calendar and Show all Great Leaders Birthdate along with their names.</p> |
| FEBRUARY | 20 | <p>PICTORIAL REPRESENTATION OF DATA</p> <p>Data, Pictographs, Interpretation of a Pictograph, An Introduction to Bar Graph</p> <p>REVISION</p> | <p>Make a Pictograph Showing the number of Students present or absent in one week in your class.</p> |