



RUBY PARK PUBLIC SCHOOL

SYLLABUS FOR THE ACADEMIC SESSION 2022-23

Subject - Mathematics

CLASS - IV

Month	Unit	Topic	Sub-Topic
April	1	Numbers	<ul style="list-style-type: none"> • 0-9999999 • Indian and International Number System Number value
	2	Operations on Numbers: Addition	<ul style="list-style-type: none"> • Comparison and Classification Roman Numeral (1 – 50) Rounding off to nearest 10 • Addition without and with re-grouping Word Problems
May	3	Subtraction	<ul style="list-style-type: none"> • Subtraction without and with re-grouping Word Problems • Skip Counting
	4	Multiplication	<ul style="list-style-type: none"> • Multiplication by 2 Digit Numbers With and without re-grouping. • Multiplication by multiples of 10, 100, 1000 Word Problems
June	5	Division	<ul style="list-style-type: none"> • Division by two digit divisor and its verification • Division by multiples of 10 Word Problems
	6	Mixed Operation	<ul style="list-style-type: none"> • Addition, Subtraction , Multiplication , Division • Word Problems
July	7	Factors and multiples	<ul style="list-style-type: none"> • Introduction of factors Properties of factors • Prime and composite numbers Even and odd numbers Common factors • H.C.F • Test of divisibility (2,3,5,10) Properties of multiples Common multiple • L.C.M
August	8	Fraction	<ul style="list-style-type: none"> • Introduction of fraction on number line Types of fractions Equivalent fraction • Conversion of improper to mixed and vice-versa

			<ul style="list-style-type: none"> • Comparison • Addition and subtraction of like fractions Finding values of a fraction • Word problems
September	9	Decimal	<ul style="list-style-type: none"> • Introduction of Decimal Notation for tenths, hundredths and thousandths Place Value • Expanded Form • Rename (equivalent decimal)
	10	Money	<ul style="list-style-type: none"> • Indian Currency • Conversion • Addition, subtraction and multiplication Bill sums • Word problem
October	11	Geometry	<ul style="list-style-type: none"> • Basic concepts: Points, line, line segments and ray • Polygons: Types of polygons • Quadrilaterals & Triangles- Classification on the basis of sides
		Symmetry	<ul style="list-style-type: none"> • Circle and its parts • Construction of circles and line segments • Concept of Symmetry
November	12	Metric System	<ul style="list-style-type: none"> • Measurement of length, mass and capacity • Conversion • Addition and subtraction • Word problems
December	13	Area and Perimeter	<ul style="list-style-type: none"> • Perimeter of Rectilinear figure and polygons • Application based problems on perimeter • Area of squares and rectangle using formula • Word Problem
January	14	Time Calendar	<ul style="list-style-type: none"> • 12 Hrs and 24 Hrs clock time conversions • Calculation of Time Interval using calendar
February	15	Data Handling	<ul style="list-style-type: none"> • Tally Marks • Creating a Pictograph
March	Revision		

