



RUBY PARK PUBLIC SCHOOL

SYLLABUS FOR THE ACADEMIC SESSION 2022-23

Subject - Mathematics

CLASS - V

Month	Unit	Topics	Sub-Topics
April	1	Large numbers	<ul style="list-style-type: none"> Indian and International Number system Number value Ordering Comparison Addition, Subtraction, Multiplication, Division Word problems Mixed Operation
	2	Operation on large numbers	
May	3	Factors and multiples	<ul style="list-style-type: none"> Introduction to Factors and multiples Rules of divisibility of 2,3,4,5,6,8,9,10,11 H.C.F and L.C.M
June	Pre Mid - Term		
July	4	Roman Numerals	<ul style="list-style-type: none"> Conversion
	5	Estimation	<ul style="list-style-type: none"> Rounding off numbers
	6	Fraction	<ul style="list-style-type: none"> Basic concepts Operations(Addition, Subtraction and Multiplication) Word problems
	7	Decimals	<ul style="list-style-type: none"> Basic concepts Addition and Subtraction Multiplication by: <ul style="list-style-type: none"> a)whole numbers b)decimal numbers upto one decimal place Division by Multiples of 10 Word problems
August	8	Simplification	<ul style="list-style-type: none"> BODMAS

	9	Geometry	<ul style="list-style-type: none"> • Basic concepts (line, line segment, ray, plane etc.) • Circle and its parts • Types of angles • Triangle (Different types) • Measurement of angles • Quadrilateral(Square and rectangle) • Symmetry • Construction of angles using protractor
September	Half Yearly Examination		
September	10	Data Handling	<ul style="list-style-type: none"> • Organizing data (pictograph, tally marks, bar graph)
	11	Metric system of Measurement	<ul style="list-style-type: none"> • Conversions • Addition and Subtraction • Word problems
October	12	Unitary Method	<ul style="list-style-type: none"> • Word problems
	13	Volumes and nets of 3D shapes	<ul style="list-style-type: none"> • Nets of cubes, cuboids, cylinder, cone, square pyramid, triangular prism. • Finding volumes of Cubes and Cuboids using formula • Calculate one dimension of cuboid if volume and other dimensions are given.
November	14	Perimeter and Area	<ul style="list-style-type: none"> • Calculate the perimeter and area of square and rectangle. • Calculate the dimension of square or rectangle if area or perimeter is given. • Word problems
December	Post Mid Term		
December	15	Percentage	<ul style="list-style-type: none"> • Concept
	16	Profit and Loss	<ul style="list-style-type: none"> • Finding percentage of a given number
	17	Average	<ul style="list-style-type: none"> • Concept • To find Profit and Loss and C.P and S.P
	18	Time	<ul style="list-style-type: none"> • Definition and application • Conversion • Addition and Subtraction , Duration
January	Revision		
February	Final Examination		

