



SYLLABUS FOR THE ACADEMIC SESSION 2020-21
CLASS – V

MATHEMATICS

Month	Unit	Topics	Sub-Topics
April	1	Large numbers	- Indian and International Number system - Number value - Ordering - Comparison
	2	Operation on large numbers	- Addition, Subtraction, Multiplication, Division - Word problems - Mixed Operation
May	3	Factors and multiples	- Introduction to Factors and multiples - Rules of divisibility of 2,3,4,5,6,8,9,10 - H.C.F and L.C.M
June		Pre Mid – Term	
June	4	Fraction	- Basic concepts - Operations(Addition, Subtraction and Multiplication) - Word problems - Basic concepts
July	5	Decimals	- Addition and Subtraction - Multiplication by: a) whole numbers b) decimal numbers upto one decimal place - Division by Multiples of 10 - Word problems
	6	Simplification	- BODMAS
August	7	Geometry	- 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
	8	Data Handling	- Organizing data (pictograph, tally marks, bar graph)
September		Half Yearly Examination	
September	9	Roman Numerals	- Conversion
	10	Estimation	- Rounding off numbers
October	11	Unitary Method	- Word problems
	12	Metric system of Measurement	- Conversions - Addition and Subtraction - Word problems
	13	Perimeter and Area	- Calculate the perimeter and area of square and rectangle. - Calculate the dimension of square or rectangle if area or perimeter is given. - Word problems
	14	Volumes and nets of 3D shapes	- 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		Post-Mid-Term	
December	15	Percentage	- Concept - Finding percentage of a given number.
		Profit and Loss	- Concept - To find Profit and Loss and C.P and S.P
		Average	- Definition and application
	16	Time	- Conversion - Addition and Subtraction , Duration
January			
February			

Syllabus for Annual Examination

- | | |
|---------------------------------|--------------------|
| 1. Data Handling | 7. Average |
| 2. Estimation | 8. Percentage |
| 3. Unitary Method | 9. Profit and Loss |
| 4. Metric System of Measurement | 10. Time |
| 5. Perimeter and Area | 11. Geometry |
| 6. Volume and Nets of 3D shapes | |