

SUBJECT: Mathematics			SYLLABUS FOR THE ACADEMIC YEAR 2022-2023				
OPTION:							
GRADE: 6							
Month	Date	No. of days	Chapter Name	Sub Topics	Class tests	PA	Term Exams
April	11-15	5	Knowing our numbers	Indian system, place value, face value, expanded form	CT-1	PA-01	First Term Examination
	18- 22	5	Knowing our numbers	International system, Comparison,			
	25 - 29	5	Knowing our numbers	Rounding off, Estimating the operations			
May	9-13	5	Playing with numbers	Order of operations, DMAS, BODMAS	CT-2		
	16-20	5	Playing with numbers	Factors and multiples			
	23-27	5	Playing with numbers	Test of divisibility			
	30-31	2	Playing with numbers	Prime factorisation using short division, HCF using prime factorisation, LCM			
June	1-3	3	Playing with numbers	Relation between LCM and HCF	CT-3		
	6-10	5	Whole numbers	Number line representation and properties			
	13- 17	5	Whole numbers	Real life problems			
	20-24	5	Integers	Number line representation, Comparison			
	27-30	4	Integers	Operations on integers			
August	29-31	3	Fractions	Basics of Fractions, Conversion of fractions	CT-3		
September	1-2	2	Fractions	Addition and subtraction of fractions, fractions in real life			
	5-9	5	Decimals	Basics of decimals, conversion of fraction to decimals and vice versa etc.....			
	12-16	5	Decimals	Addition and subtraction of decimals in real life			
	19- 23	5	Revision				
	26- 30	5	First Term Examination				
	3-7	5	First Term Examination				
October	10- 14	5	Introduction to Algebra	Variables, constants, formation of algebraic expression etc	CT-4	PA-02	Annual Examination
	17- 21	5	Introduction to Algebra	Operations on terms			
	24-28	5	Introduction to Algebra	Value of algebraic expression			
	31	1	Introduction to Algebra	types of algebraic expression			
November	3- 4	2	Linear equation in one variable	Linear equation	CT-5		
	7-11	5	Linear equation in one variable	Solving an equation			
	14- 18	5	Linear equation in one variable	Solving an equation-more problems.			
	21-25	5	Ratio and proportion	Ratio, Proportion			
	28-30	3	Ratio and proportion	Ratio, Proportion			
December	5-9	5	Ratio and proportion	Ratio and Proportion-word problems, Unitary method			

January	2-6	5	Basic geometrical ideas	Angles, Curves	CT-6	PA-03	
	9-13	5	Construction	Perpendicular bisectors, Perpendicular to a line, Constructions of circle			
	16-20	5	Construction	Angle construction			
	23-27	5	Symmetry	Line symmetry, Symmetry in geometric shape			
	30-31	2	Perimeter and area	Perimeter of triangle			
February	1-3	3	Perimeter and area	Perimeter of rectangle and regular shapes	CT-7		
	6-10	5	Perimeter and area	Area of square and rectangle			
	13-17	5	Data Handling	Frequency distribution table, Pictograph			
	20-24	5	Data Handling	Interpretation of graph, Drawing bar graph			
	27-28	2	<i>Revision</i>				
March	1-3	3	<i>Revision</i>				
	6-10	5	<i>Annual Examination</i>				
	13-17	5					

