ACADEMIC PLANNER 2020-21
Sub : Mathematics
Class - VI

DATE	CONTENT	ASSIGNMENTS /	ACTIVITY / MODE OF ASSESSMENT
April 1-15th April (8 days)	**Ch - 1, Knowing our Numbers** Comparing numbers,ascending & descending order, Place value chart, word problems, Estimation & rounding off, Roman numerals	Ex - 1.1 to 1.5	**Act. 1 -** To make pattern using Vedic Square.
16- 30th April (13 days)	**Ch - 2, Whole numbers** Number line Predecessor & successor Properties of whole numbers Number patterns	Ex - 2.1 to 2.4	**Act. 2-** Verification of commutative property of whole numbers
	Ch - 4, Basic Geometrical Concepts Basic concept of Point, Ray, Line, Line segment, intersecting line, Parallel lines Curves, Polygons, Angles, Triangles,Quadrilaterals, Circles.	Ex -4.1 to 4.5	**Act. 3** Making paper protractor Online Assessment Educosoft
May 1-15th May (12 days)	**Ch - 12, Ratio, Proportion & Unitary method -** Ratio, Equivalent ratios, Proportion Unitary method	Ex - 12.1 to 12.3	Assignment
JULY 1-15th July (12 days)	**Ch - 3, Playing with numbers** Factors and multiples, prime and composite numbers, even & odd numbers, concept of divisibility tests, Common factors, multiples, Prime factorisation, HCF, Word problems	Ex - 3.1 to 3.7	**Act. 4-** Patterns in factorization of numbers
16- 31st July (14 days)	**Ch - 13, Symmetry** Symmetry in nature, Symmetry in alphabets, Symmetry in figures, Reflection symmetry **Ch - 6, Integers** Number line, ordering of integers	Ex - 13.1 to 13.3 Ex 6.1	**Act. 5-** To understand symmetry using paper folding. Online Assessment Educosoft
August 1-15th Aug. (8 days)	**Ch - 6, Integers** Addition & subtraction of integers **Ch - 9, Data Handling** Frequency table, Reading of pictograph	Ex 6.2-6.3 Ex 9.1	Act. 6 - To find the sum of integers using counters
16 -31st Aug. (13 days)	**Ch - 9, Data Handling** Drawing of pictograph, Reading & drawing bar graph	Ex - 9.2	Online Assessment Educosoft
September 1-15th Sept. (12 days)	**REVISION FOR TERM 1**		
16-30th Sept. (13 days)	**TERM 1**		

October 1-15th Oct. (12 days)	**Ch - 7, Fractions** Concept, Number line, Types of fractions,	Ex- 7.1 to 7.2	Online Assessment Educosoft Vocabulary Cards
16 -31st Oct. (8 days)	**Ch - 7, Fractions** Equivalent fractions, Addition & Subtraction of like,Comparing like & unlike fractions, fractions, Addition & Subtraction of unlike fractions.	Ex - 7.4 to 7.5	**Act. 7**- to find equivalent fractions using graph sheet.
November 1-15th Nov. (9 days)	**Ch - 5, Understanding Elementary Shapes:** Measuring line segments, directions, Types of Angles,	Ex - 5.1 to 5.5	**Act 8 -** General expression to find the number of diagonals & no. of triangles in an N-sided polygon
16-30th Nov. (11 days)	**Ch - 5, Understanding Elementary Shapes: measuring angles classification of triangles, Types of** quadrilaterals & polygons, Basic concepts of 3 - D shapes.	Ex - 5.6 to 5.9	Online Assessment Educosoft
December 1-15th December (12 days)	**Ch - 10, Mensuration** Perimeter of rectangle, square, regular shapes, concept of Area. Area of rectangle and square.	Ex - 10.1 - 10.2	**Act. 9 -** to check formula of area and perimeter of rectangle using matcsticks.
16-31st December (13 days)	**Ch - 8, Decimals** Tenths, Fractions as decimals & vice-versa, Hundredths, Comparing decimals, Addition & subtraction of decimals, Conversions	Ex - 8.1 to 8.4	**Act. 10 -** To find the product of decimal fraction and a whole number using squared sheet Online Assessment Educosoft
January 1- 15th January (3 days)	**Ch - 11, Algebra** Introduction		Online Assessment Educosoft
16 -31st January (12 days)	**Ch - 11, Algebra** Matchstick patterns, concept of variables, use of variable in common rules expression with variables, equation , solution of equation	Ex - 11.1 to 11.2	MCQ TEST
	Ch -14, Practical Geometry: Construction of circles , line segment construction of perpendicular, perpendicular bisector & angle bisector	Ex - 14.1 to 14.5	CLASS TEST
February 1 - 15th feb. (12 days)	**Revision for annual exams**		

TERMWISE SYLLABUS	
Unit Test - 1	Online Assessment + Written test of Ch 1,2,4
Half yearly	Chapter-1,2,3,4,6,12,13
Unit Test - 2	Online Assessment + Written test of Ch 9,7, 5(Ex 5.1-5.5)
Annual Exams	Chapter-5,7,9,10,8,11,14,6