

ACADEMIC PLANNER 2017 - 2018

Sub : Mathematics

Class - VI

DATE	CONTENT	ASSIGNMENTS / HOMEWORK	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 1.3	Act. 1 - To generate multiplication table of 19 (by observing pattern)
16- 30th April (12 days)	Ch - 2, Whole numbers Number line Predecessor & successor Properties of whole numbers Number patterns Ch - 4, Basic Geometrical Concepts Basic concept of Point, Ray, Line, Line segment, intersecting line, Parallel lines Curves, Polygons, Angles, Triangles, Quadrilaterals, Circles.	Ex - 2.1 to 2.3 Ex -4.1 to 4.6	Act. 2- Verification of distributive property of whole numbers Act. 3 Making paper protractor
May 1-15th May (9 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	Ch - 13, Symmetry		

(13 days)	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	REVISION FOR UNIT TEST 1
August 1-15th Aug. (10 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. 5 - To find the sum of integers using counters
16 -31st Aug. (14 days)	Ch - 9, Data Handling Drawing of pictograph, Reading & drawing bar graph	Ex - 9.2 to 9.4	REVISION FOR TERM 1
September 1-15th Sept. (11 days)	TERM 1		
16-30th Sept. (10 days)	Ch - 7, Fractions Concept, Number line, Types of fractions, Equivalence of fractions Comparing like & unlike fractions,	Ex- 7.1 to 7.4	Vocabulary Cards
October 1-15th Oct. (9 days)	Ch - 7, Fractions Addition & Subtraction of like fractions, Addition & Subtraction of unlike fractions.	Ex - 7.5 to 7.6	Act. 6 - Addition of fractions by activity method
16 -31st Oct. (11 days)	Ch - 5, Understanding Elementary Shapes: Measuring line segments, directions, Types of Angles, measuring angles, classification of triangles,	Ex - 5.1 to 5.7	Act 7 - General expression to find the number of diagonals & no. of triangles in an N-sided polygon
November 1-15th Nov. (11 days)	Ch - 5, Understanding Elementary Shapes: Types of quadrilaterals & polygons, Basic concepts of 3 - D shapes. Ch - 10, Mensuration Perimeter of rectangle, square,	Ex - 5.8 to 5.9 Ex - 10.1 - 10.2	Act. 8 - To understand area and perimeter using

	regular shapes, concept of Area.		square sheet
16-30th Nov. (13 days)	Ch - 10, Mensuration Area of rectangle and square.	Ex - 10.3	REVISION FOR ASSESSMENT TEST
December 1-15th December (11 days)	ASSESSMENT TEST		
16-31st December (12 days)	Ch - 8, Decimals Tenths, Fractions as decimals & vice-versa, Hundredths, Comparing decimals, Addition & subtraction of decimals, Conversions	Ex - 8.1 to 8.6	Act. 9 - To find the product of decimal fraction and a whole number using squared sheet
January 1- 15th January (1 day)	Ch - 11, Algebra Introduction		
16 -31st January (13 days)	Ch - 11, Algebra Matchstick patterns, concept of variables, use of variable in common rules expression with variables, equation , solution of equation Ch -14, Practical Geometry: Construction of circles , line segment construction of perpendicular, perpendicular bisector & angle bisector	Ex - 11.1 to 11.3 Ex - 14.1 to 14.6	MCQ TEST CLASS TEST
February 1 - 15th feb. (11 days)	Revision for annual exams		

TERMWISE SYLLABUS
UNIT TEST 1 :Ch. - 1, 2, 4, 12
TERM 1 :Ch. - 1,2,3,4,6,12,13

Assessment test :Ch. - 5,7,9,10
ANNUAL EXAM :ch.-5,7,9,10,8,11,14,6

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