

**ACADEMIC PLANNER 2019 - 2020**

**Sub : Mathematics**

**Class - VI**

DATE	CONTENT	ASSIGNMENTS / HOMEWORK	ACTIVITY / MODE OF ASSESSMENT
<b>April</b> 1-15th April (11 days)	<b>Ch - 1, Knowing our Numbers</b> Comparing numbers, ascending & descending order, Place value chart, word problems, Estimation & rounding off, Roman numerals	Ex - 1.1 to 1.3	<b>Act. 1</b> - To generate multiplication table of 19 (by observing pattern)
16- 30th April (11 days)	<b>Ch - 2, Whole numbers</b> Number line Predecessor & successor Properties of whole numbers Number patterns  <b>Ch - 4, Basic Geometrical Concepts</b> 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	<b>Act. 2-</b> Verification of commutative property of whole numbers  <b>Act. 3</b> Making paper protractor  Online Assessment Educosoft
<b>May</b> 1-15th May (11 days)	<b>Ch - 12, Ratio, Proportion &amp; Unitary method -</b> Ratio, Equivalent ratios, Proportion Unitary method	Ex - 12.1 to 12.3	Assignment
<b>JULY</b> 1-15th July (12 days)	<b>Ch - 3, Playing with numbers</b> 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	<b>Act. 4-</b> Patterns in factorization of numbers
16- 31st July (14 days)	<b>Ch - 13, Symmetry</b> Symmetry in nature, Symmetry in alphabets, Symmetry in figures, Reflection symmetry <b>Ch - 6, Integers</b> Number line, ordering of integers	Ex - 13.1 to 13.3  Ex 6.1	<b>Act. 5-</b> To understand symmetry using paper folding. Online Assessment Educosoft
<b>August</b> 1-15th Aug. (10 days)	<b>Ch - 6, Integers</b> Addition & subtraction of integers  <b>Ch - 9, Data Handling</b> 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)	<b>Ch - 9, Data Handling</b> Drawing of pictograph, Reading & drawing bar graph	Ex - 9.2 to 9.4	Online Assessment Educosoft
<b>September</b> 1-15th Sept. (10 days)	<b>REVISION FOR TERM 1</b>		
16-30th Sept. (13 days)	<b>TERM 1</b>		

<b>October</b> 1-15th Oct. (6 days)	<b>Ch - 7, Fractions</b> Concept, Number line, Types of fractions,	Ex- 7.1 to 7.2	Online Assessment Educosoft Vocabulary Cards
16 -31st Oct. (11 days)	<b>Ch - 7, Fractions</b> Equivalent fractions, Addition & Subtraction of like, Comparing like & unlike fractions, fractions, Addition & Subtraction of unlike fractions.	Ex - 7.4 to 7.6	<b>Act. 7</b> - to find equivalent fractions using graph sheet.
<b>November</b> 1-15th Nov. (11days)	<b>Ch - 5, Understanding Elementary Shapes:</b> Measuring line segments, directions, Types of Angles,	Ex - 5.1 to 5.5	<b>Act 8</b> - General expression to find the number of diagonals & no. of triangles in an N-sided polygon
16-30th Nov. (13 days)	<b>Ch - 5, Understanding Elementary Shapes:</b> measuring angles, classification of triangles, Types of quadrilaterals & polygons, Basic concepts of 3 - D shapes.	Ex - 5.6 to 5.9	Online Assessment Educosoft
<b>December</b> 1-15th December (11 days)	<b>Ch - 10, Mensuration</b> Perimeter of rectangle, square, regular shapes, concept of Area. Area of rectangle and square.	Ex - 10.1 - 10.3	<b>Act. 9</b> - to check formula of area and perimeter of rectangle using matsticks.
16-31st December (13 days)	<b>Ch - 8, Decimals</b> Tenths, Fractions as decimals & vice-versa, Hundredths, Comparing decimals, Addition & subtraction of decimals, Conversions	Ex - 8.1 to 8.6	<b>Act. 10</b> - To find the product of decimal fraction and a whole number using squared sheet  Online Assessment Educosoft
<b>January</b> 1- 15th January (1 day)	<b>Ch - 11, Algebra</b> Introduction		Online Assessment Educosoft
16 -31st January (14 days)	<b>Ch - 11, Algebra</b> Matchstick patterns, concept of variables, use of variable in common rules expression with variables, equation , solution of equation  <b>Ch -14, Practical Geometry:</b> 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
<b>February</b> 1 - 15th feb. ( 12 days)	<b>Revision for annual exams</b>		

**TERMWISE SYLLABUS**

Unit Test - 1	Online Assessment
Half yearly	Chapter-1,2,3,4,6,12,13
Unit Test - 2	Online Assessment
Annual Exams	Chapter-5,7,9,10,8,11,14,6

