

Subject : Math
 Grade : VI
 Year : 2019-20



Year Planner

Text book used: WOW! MATHS

Month & No. of Teaching Days	Units	Sub- Units	Objectives	Activities Planned	Assessment / Recap
March\ April 15 days	Chapter-1 Numbers and their operations	*Indian system *International System *Estimation *Roman numbers *BODMAS	*To know place values and write numbers in words. *To enable the students to solve problems using BODMAS. *To identify Roman numerals.	To test the commutative property of all four operations on whole numbers - (Pg:32)	Work sheet-1 (Run Through Page No:30)
June 15 days	Chapter-3 Factors and Multiples Chapter-9 Basic geometrical Concepts	*HCF&LCM *Divisibility test *Point *Line *Line segment *Curves *Polygons *Perpendicular bisectors	*To learn about multiples and common multiples, factors and common factors. *To identify basic geometrical shapes and polygons.	To find the HCF of two given numbers using paper cutting and pasting method (Page no: 72).	Work sheet-2 Work sheet-3(Run Through Page No:70, Page No:171) Slip test-1, Slip Test -2
July 24 days	Chapter-4 Fractions Chapter-10 Angles	*Conversions *Addition *Subtraction *Magnitude of an angle *Types of angles	*To enable students to identify different types of fractions. *To learn construction of angles and angular bisectors.	To verify that the measure of an angle doesn't depend	Work sheet-4(Run Through Page No:90, Page No:188) Worksheet-5 PT-1: Chapter-1: Numbers and their operations Chapter-3: Factors and Multiples

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		*Special pairs of angles		on the length of its arm – (Pg:no 191)	Chapter-9: Basic Geometrical Concepts.
August 22 days	Chapter-02 Integers Chapter-05 Decimals Chapter-16 Data handling	*Addition and subtraction of integers. *Conversions *Addition *Subtraction *Pictographs *Bar graphs	*To understand the concepts of integers * To enable the students to convert fractions to decimals and vice-versa. * To represent data using pictographs and bar graphs.	*To understand subtraction and ordering of decimal numbers – (Pg no: 110) *To collect raw data, organize it in the form of a table and make a bar graph – (Pg no:275)	Work sheet-6(Run Through Page No:45,Page No:108,Page No:272) Work sheet-7 Slip test-3,4 Revision Worksheet-1
September 7 days	Revision	-	-		<u>Half –Yearly (PT-II) Exam:</u> Chapters-1,2,3,4,5,9,10,16
October 17 days	Chapter-6 Introduction to Algebra Chapter-7 Linear Equation	*Like & unlike terms. *Kinds of algebraic expressions *Linear equation * Trial and error method *Systematic method *Transposition method	*To understand the concepts of algebra and evaluate algebraic expressions. * To form and solve linear equations	* To interpret variables and form algebraic statements from them – (Pg no: 126) * To generate a linear equation and solve it for any four dates of a given calendar – (Pg no: 138)	Work sheet-8(Run Through Page No:123, Page No:136) Worksheet-9 Slip test-5

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November 24 days	<p>Chapter-8 Ratio and Proportion</p> <p>Chapter-13 Three-Dimensional Shapes</p> <p>Chapter – 14 Symmetry</p>	<p>*Ratio and its properties *Equivalent ratios *Ratios and Fractions *Proportions</p> <p>*Basic 3D shapes *Elements of 3D shapes *Polyhedrons *Nets</p> <p>*Lines of symmetry *Symmetry in geometrical shapes *Reflection of a line *Mirror symmetry</p>	<p>* To understand the concepts of unitary method and ratios.</p> <p>*To associate 2 dimensional drawings with 3 dimensional shapes *To draw nets of given 3D figures.</p> <p>*To enable students to identify symmetrical figures, draw lines of symmetry.</p>	<p>*To explore all the possible nets of a cube – (Pg no: 228)</p>	<p>Work sheet-10(Run Through Page No:154, Page No:238)</p> <p>Work sheet-11</p> <p>Slip test-6</p>
December 20 days	<p>Chapter-11 Triangles and Quadrilaterals</p> <p>Chapter-12 Circles</p>	<p>*Types of triangles *Types of quadrilaterals</p> <p>*Radius and diameter *Con-centric circles</p>	<p>*To enable students to understand the properties of triangles and quadrilaterals.</p> <p>*To understand the parts of a circle.</p>	<p>*To understand the properties of the diagonals of a square, rectangle, parallelogram, trapezium, rhombus and a kite – (Pg no- 212)</p>	<p>Work sheet-12(Run Through Page No:209, Page No:219) Worksheet-13</p>

Month & No. of Teaching Days	Units	Sub- Units	Objectives	Activities Planned	Assessment / Recap
January 20 days	Chapter-12 Circles Chapter-15 Perimeter and area	*Radius and diameter *Con-centric circles *Perimeter and area of square, rectangle and irregular shapes.	*To understand the parts of a circle. *To understand the concepts of perimeter and area and their units.	*To make different kinds of shapes with the same perimeter – (Pg no:260)	Work sheet-14(Run through Page No:219,Page No:258) Work sheet-15 <u>PT-III:</u> Chapter-6: Introduction to algebra Chapter-7 Linear Equations Chapter 14: Symmetry
February 16 days	Revision Annual Exam	-	-	-	Revision Worksheet-2 <u>Annual Examination</u> <u>Portion:</u> Chapters:2,6,7,8,11, 12,13,14,15,16