

Subject : Math
 Grade : V
 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)	Chapter-1 Numbers	<ul style="list-style-type: none"> *Rounding off numbers *Face value and place value *Indian and International System of Numeration. *Roman Numerals 	<ul style="list-style-type: none"> *To enable students to form, compare and Round off – 7 digit numbers. *Differentiate between Indian & International system of Numerations. 	Roman Numerals : Conversion of Hindu Arabic to Roman Numerals (Ch:1 ;pg:24)	*Practice Work sheet-1 (Ch:1; pg. 208)
June(16)	Chapter – 2 The Four operations	<ul style="list-style-type: none"> *Addition *Subtraction *Multiplication *Division *Estimation in operations 	To enable students to apply the concept of basic operations in daily life.	Fundamental operations through number cards.	<ul style="list-style-type: none"> *Worksheet -1 * Practice Work sheet-2 (Ch:2; pg. 209) S.T-1
July(24)	Chapter – 3 Factors and multiples. Chapter – 4 Fractions	<ul style="list-style-type: none"> *Factors *Multiples *Divisibility Rules *Highest common factor * Prime factorization * Lowest common multiple *Relationship between HCF & LCM *Types of Fractions *Multiplication & Division of fractions 	<ul style="list-style-type: none"> *To Learn about Common Factors and Multiples. *To acquire the knowledge of prime factorization, HCF & LCM. 	<ul style="list-style-type: none"> * Prime numbers: Finding Prime numbers between 1 and 100 (Ch:3; pg:63) *Fraction Multiplication (Ch:4; pg:81) 	<ul style="list-style-type: none"> * Practice Work sheet-3 (Ch:3; pg. 210) S.T. -2 * Practice Work sheet-4 (Ch:4; pg. 211) *Worksheet- 2 P.T.-1 portion (Chapter:1,2,) Chapter:3 till ex.3.3 S.T.- 3

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August(22)	<p>Chapter – 5 Decimals</p> <p>Chapter – 6 Percentage</p> <p>Ch:14 - Maps and Directions</p>	<p>* Place value of Decimals *Like and unlike Decimals. *Conversion of fractions to decimals *Addition and Subtraction of like Decimals *Fractions and Decimals as Percentages *Finding Percentages</p> <p>* Sense of directions on a Map *Scales & Keys in Maps</p>	<p>*To acquire the knowledge of Decimals.</p> <p>*To understand the relation between Fractions and Decimals.</p> <p>*To understand the concept of expressing a Percentage as a Fraction.</p> <p>*To understand the concept of expressing a quantity as a Percentage.</p> <p>*To acquire the knowledge about the location of places and possible routes.</p> <p>*To understand the directions and scale of a map.</p>	<p>*Decimals (Ch:5; Understand the place value in decimals using grids)</p> <p>*Percentage- To relate percentage to real life situations. (Ch:6; pg:106)</p>	<p>* Practice Work sheet-5 (Ch:5; pg. 96)</p> <p>Worksheet- 3</p> <p>* Practice Work sheet-6 (Ch:6; pg. 212)</p> <p>S.T-4</p> <p>* Practice Work sheet- 7 (Ch:14; pg. 201)</p> <p>Subject enrichment Assessment- 1</p>
September(7)	Revision				<p>Worksheet- 4 Revision Worksheet. - 1 Half yearly Exam portion Chapters (1,2,3,4,5,6,14)</p>

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October(17)	Chapter –11 Time & Money	<ul style="list-style-type: none"> *Conversions and Operations on Time * Operations on Money *Unitary Method *Profit and Loss 	<ul style="list-style-type: none"> *To learn about conversions & operations on Time *To acquire the knowledge of Unit price & Profit and Loss 	Time and Money – Rounding off Money in real life situations (Ch:11; pg:174)	<ul style="list-style-type: none"> * Practice Work sheet-8(Ch:11; pg. 217) Worksheet -5 Slip test -5
November(24)	Chapter -8 Geometry Chapter – 13 Symmetry, patterns and Nets	<ul style="list-style-type: none"> * Basic Geometrical concepts *Measuring and Drawing angles *Triangles & Quadrilaterals *Polygons and Circles *Construction of Circles *Symmetry, Turns and Reflection *Patterns in numbers *Tessellations *Nets 	<ul style="list-style-type: none"> *To acquire the knowledge of types of angles, polygons and parts of a circle. *To understand different types of symmetry. * To acquire the knowledge of Tessellations and Nets 	<ul style="list-style-type: none"> *Geometry- Finding Circumference of a Circle (Ch:8; pg.: 127) *Symmetry and Patterns –Drawing different patterns (Ch:13; pg:193) 	<ul style="list-style-type: none"> * Practice Work sheet-9 (Ch:8; pg.214) * Practice Work sheet-10 (Ch:13; pg. 192) Worksheet-6 S.T- 6
December(20)	Chapter – 7 Average Chapter – 10 Measurements	<ul style="list-style-type: none"> *Finding Average * Conversion of units *Operations on Measurements 	<ul style="list-style-type: none"> * To understand the concept of finding Average of two or more quantities * To convert different units of measurement 	*Average-To find the Average of given numbers (Ch:7; pg.:110)	<ul style="list-style-type: none"> * Practice Work sheet-11 (Ch:7; pg.213) * Practice Worksheet 12 (Ch:10; pg. 216) Worksheet – 7, 8

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January(20)	<p>Chapter – 9 Perimeter, Area and Volume.</p> <p>Chapter – 12 Speed & Temperature</p>	<ul style="list-style-type: none"> * Perimeter * Area *Volume. *Area of Composite and irregular figures *Speed * Temperature 	<ul style="list-style-type: none"> *To correlate between Area and Perimeter. *To understand the concept of Volume of solid shapes. *To Learn different units of Speed and Temperature. 	<ul style="list-style-type: none"> *Perimeter and Area – Finding Perimeter of a shape (Ch:9; pg.: 144) Subject Enrichment Assessment -2 	<ul style="list-style-type: none"> * Practice Work sheet-13 (Ch:9; pg.215) * Practice Work 14 (Ch:12; pg. 218) Worksheet- 8 P.T-3 portion Chapters (7,11,13)
February(16)	<p>Chapter – 15 Data Handling</p> <p>Annual Exam</p>	<ul style="list-style-type: none"> *Pictographs *Bar graphs *Tally marks *Circle graphs 	<ul style="list-style-type: none"> *To understand the concept of Pictographs, Bar graphs and Circle Graphs. 		<ul style="list-style-type: none"> * Practice Work sheet-15 (Ch:15; pg.219) Worksheet-9 Revision Worksheet -2 Annual Exam portion Chapters (7,8,9,10,11,12, 13,15)