

Subject : Math
 Grade : IV
 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 (13)	Chapter-1: Numbers Chapter-2: Addition and Subtraction (till Ex:2.2)	*Numbers beyond 10,000 *Comparing and ordering numbers *Rounding numbers *Roman numerals *Addition with and without regrouping	*To develop the understanding of basic fundamental operations.	* Math Lab Activity: Pg. no:27 To strengthen the concept of rounding off numbers.	Practice sheet-1 (Pg. no-202)
JUNE (15)	Chapter-2: Addition and Subtraction Chapter-3: Multiplication (till Ex:3.1)	*Properties of addition * Estimating sum of numbers *Problem solving through model method *Subtraction with and without regrouping * Word problems (addition & Subtraction) *Properties of Multiplication	*To apply the properties of Multiplication.	*Math Lab Activity: Pg. no:49 To explore addition and subtraction of large numbers.	Slip Test - 1 Worksheet-1 Practice sheet 2 (Pg. no -203) Worksheet -2
JULY(23)	Chapter-3 : Multiplication (cont...) Chapter-9 : Patterns and Nets	* Multiplication by 10, 100,1000. * Multiplication by 1-digit, 2-digit and 3- digit numbers. *Estimating the product.	*To identify the lines of symmetry in objects and study different patterns and nets. *To identify different methods of handling data.	*Math Lab Activity: Pg. no:147 To find the lines of symmetry of a figure.	Practice sheet -3 (pg. no -204) Slip test-2 Worksheet -3 Practice sheet – 4(pg.no – 210)

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	Chapter-14: Data Handling	<ul style="list-style-type: none"> * Problem- solving strategies. * Patterns * Symmetry * Nets * Tangrams * Pictorial representation of data. * Bar graph or column graph. 	*To estimate the product of Multiplication.	*Draw a Bar graph to represent the marks obtained in last year's exam.	Periodic Test- 1 Ch:1 Numbers Ch:2 Addition and subtraction. Practice sheet -5 (pg.no-215) Slip test - 3
AUGUST(19)	Chapter-8: Geometry Chapter-10: Measurement	<ul style="list-style-type: none"> *Points and lines *Angles *Polygons *Circles *Metric system *Conversions *Solving word problems 	*To study the measurements of different angles. *To be able to convert bigger units to smaller units and vice-versa.	To check the capacity of different containers by estimation and actual measurement. * Math Lab Activity: Pg. no:160	Practice sheet – 6 (pg.no – 209) Worksheet – 4 Practice sheet -7 (pg.no – 211) Slip Test- 4
SEPTEMBER (11)	Revision				Worksheet – 5 Revision W.S -1 Half-yearly Exam Ch:1 – Numbers Ch:2 – Addition and subtraction. Ch:3 – Multiplication Ch:8- Geometry Ch:9 – Patterns and Nets

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					Ch:10 – Measurements Ch:14 – Data Handling
OCTOBER(16)	Chapter-4 : Division Chapter-6 Fractions (till Ex : 6.3)	*Division by 10,100,1000 *Division by 1 & 2 digit numbers *Estimating the quotient *Problem solving *Equivalent fractions.	*To develop the concept of division in our daily life.	* Math Lab Activity: Pg. no:74 To strengthen the understanding of division of a 4- digit number by a 1- digit number.	Worksheet -6 Slip Test-5 Practice sheet -8 (pg.no- 205)
NOVEMBER (19)	Chapter:6 Fractions Chapter-5: Factors and Multiples	*Types of Fractions and their conversions. *Factors and common factors *Multiples and common multiples *Divisibility rules *HCF and LCM *Prime factorization	*To identify different types of fractions and perform various arithmetic operations on fractions.	* Math Lab Activity: Pg. no 112 To find the difference between two proper fractions	Practice sheet -10 (pg.no – 207) Worksheet -7 Slip Test-6 Practice sheet – 9(pg.no.-206)
DECEMBER (19)	Chapter-7 : Decimals Chapter-13: Money	* Conversion of fractions to decimals and vice versa, comparing and ordering decimals *Types of decimals * Operations in Money *Unitary Method	*To develop the understanding of conversion of fractions to decimals. *Arithmetic operations in decimals *Arithmetic operations in Money.	* Math Lab Activity: Pg. no:195 To add money through real life objects using price tags.	Worksheet -8 Practice sheet – 11(pg.no-208) Practice sheet -12 (pg.no-214)

Month & No. of Teaching Days	Units	Sub- Units	Objectives	Activities Planned	Assessment / Recap
JANUARY(17)	<p>Chapter-11 Perimeter and Area</p> <p>Chapter-12 : Time (till Ex :12.4)</p>	<p>*Perimeter *Area</p> <p>*Conversion of Time *24-hour clock *Addition and subtraction of Time.</p>	*To calculate the perimeter and area of different figures.	<p>*Math Lab Activity: Pg. no:171 To reinforce that the figures with same perimeters can have different areas.</p>	<p>Periodic Test-3 Ch:4 - Division Ch:6-Fractions Ch:13-Money</p> <p>Worksheet -9</p> <p>Practice sheet – 13 (pg.no-212)</p>
FEBRUARY (6)	Chapter -12 : Time	<p>*Conversions of Years, months, weeks and days.</p> <p>* Duration of Time.</p>		* Math Lab Activity: Pg. no:184	<p>Worksheet -10</p> <p>Revision W.S -2</p> <p>Practice sheet -14 (pg.no :213)</p> <p>Annual Exam Ch-4: Division Ch-5: Factors & Multiples Ch-6: Fractions Ch-7 Decimals Ch-11 Perimeter and Area Ch-12 Time Ch-13 Money</p>