

Subject : Mathematics
Grade : VII
Year : 2021-22

YEAR PLANNER

Textbook used: **WOW! MATHS**

Month & No. of Teaching Days	Units	Sub- Units	Learning Objectives	Learning Outcomes	Activities Planned	Evaluation
March/ April [14]	TERM-1 Chapter-1 Integers	*Addition & Subtraction of integers. *Multiplication & Division of Integers	<ul style="list-style-type: none"> To revise the concept of integers, operations on integers under addition, multiplication & division. 	Students will be able to <ul style="list-style-type: none"> Solve the problems involving additions and subtraction of integers 	Integers-To build the concept of distributive property of multiplication over addition and subtraction.	Run Through Page No:25
June [20]	Chapter-2 Fractions Chapter-3 Rational number Chapter-4 Decimals	*Multiplication of fractions *Reciprocal of fractions *Mixed operations *Representing rational numbers on a number line .* Arithmetic operations on rational numbers. *Representing rational numbers as decimals. *Multiplication of decimal numbers. *Division of decimal numbers. Metric units of measures	<ul style="list-style-type: none"> To identify different types of fractions and multiplication of fractions and understand mixed operations on fractions To identify and compare rational numbers To find rational numbers between two rational number To convert metric units of measurements from higher to lower & lower to higher units of measurement. 	<ul style="list-style-type: none"> Understand the types of fractions and solve the problems on reciprocal and Multiplication of fractions. Apply the understanding of operations and their properties to add, subtract, multiply, and divide rational numbers. Understand that the decimal representation is either terminating or repeating. Solve real-world problems involving all four operations with Decimals. 	To build the concepts of Multiplication of Fractions by Paper Folding. To Find the sum of two Rational numbers To multiply decimals by paper folding method.	Run Through Page No:47 and 65 <u>Slip Test-1</u> Portion: Chp;1 Integers <u>Slip Test -2</u> Portion: Chp:2 Fractions

<p>July [25]</p>	<p>Chapter-5 Exponents</p>	<p>*Laws of exponents *Decimal number system *Comparing large no's</p>	<ul style="list-style-type: none"> ● To express large numbers in exponential form. 	<ul style="list-style-type: none"> ● Solve problems using laws of exponents and express large in exponential forms 	<p>To Find the value of exponential notation of a number by paper folding.</p>	<p>RunThrough Page.no-83, 96</p> <p><u>Periodic Test-1</u> Portion: Chp: 1 Integers Chp; 2 Fractions Chp:3 Rational numbers Chp:4 Decimals</p>
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