

**YEAR PLAN 2021-22 (Monthly Break-up)**  
**TEXTBOOK: Mathematics - Textbook for Class VIII (NCERT)**

**SUBJECT: MATHEMATICS**

**GRADE: VIII**

**TEACHER: SHINE VARGHEESE**

JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER
<p><b>Chapter 1: Rational Numbers</b>            Assignment: Addition and subtraction of rational numbers.            Assessment: AFL</p>	<p><b>Chapter 1: Rational Numbers (Continue)</b></p> <p><b>Chapter 2: Linear Equations in One Variable</b>            Subject Enrichment:            Framing Linear Equations            Assessment: Periodic Test 1</p>	<p><b>Chapter 3: Understanding Quadrilaterals</b>            Assessment: AFL</p>	<p><b>Chapter 3: Understanding Quadrilaterals (Continue)</b>            Art integration Project: Angle sum property of a convex quadrilateral.</p> <p><b>Chapter 6: Squares and Square Roots</b>            Math Worksheet            Subject Enrichment: To show square of numbers on a graph paper.</p> <p><b>Chapter 7: Cubes and Cube Roots</b>            Assessment: Math Quiz, AFL</p>	<p><b>Chapter 9: Algebraic Expressions and Identities</b>            Math Worksheet            Assessment:            Mental Math Quiz            Google Form Quiz            Half Yearly Examination</p>
NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH
<p><b>Chapter 11: Mensuration</b>            Project: Cardboard House for your Pet — Surface Area &amp; Volumes, Types of Angles, Conic Sections</p> <p><b>Chapter 12: Exponents and Powers</b>            Assignment : Exponents and Powers            Assessment: AFL</p>	<p><b>Chapter 13: Direct and Inverse Proportions</b>            Subject Enrichment: Direct Variation and Inverse Variation            Cross-curricular activities: Interdisciplinary with Science            Assessment: Periodic Test 2</p>	<p><b>Chapter 8: Comparing Quantities</b>            Cross-curricular activity: Billing activity (VAT)            Assessment: AFL</p> <p><b>Chapter 14: Factorisation</b>            Assignment: Factorisation            Assessment: AFL</p>	<p><b>Chapter 5: Data Handling</b>            Assignment: Dice Roll — Probability</p> <p><b>Chapter 15: Introduction to Graphs</b>            Subject Enrichment: Pie chart of Daily Activities            Assessment: AFL</p>	<p>Revision            Assessment:            Mental Math Quiz            Google Form Quiz            Annual Examination</p>