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| **AIR FORCE SCHOOL BAMRAULI PRAYAGRAJ** |
| **ACADEMIC SESSION 2022 - 2023** |
| **ANNUAL SPLIT - UP SYLLABUS**  |
| **CLASS : - VIII SUB: -MATHEMATICS****BOOK NAME-NCERT**  |  |
| **SL NO** | **MONTH** | **CHAPTER / UNIT NO** | **TOPIC / SUB - TOPIC** | **ACTIVITY**  |
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| **1** | **APRIL** | **1** | **RATIONAL NUMBERS** | To represent the rational numbers on the number line.  |
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| **2** | **LINEAR EQUATIONS IN ONE VARIABLE** | To solve the equations and verify them.  |
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| **3** | **UNERSTANDING QUADRILATERALS** | To list the properties of different quadrilaterals.  |
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| **2** | **MAY** | **3** | **UNDERSTANDING QUADRILATERALS** |  |
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| **3** | **JUNE** | **4** | **PRACTICAL GEOMETRY** | To draw and construct different quadrilaterals using geometrical instruments.  |
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| **4** | **JULY** | **5** | **DATA HANDLING** | To represent the temperature recorded of week using bar graph.  |
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| **6** | **SQUARES AND SQUARE ROOTS** | To solve different patterns of squares and square roots.  |
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| **7** | **CUBES AND CUBE ROOTS** | To find the cubes of first ten natural numbers.  |
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| **5** | **AUGUST** | **8** | **COMPARING QUANTITIES** | To find different types of bank accounts and the interest offered in them.  |
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| **9** | **ALGEBRAIC EXPRESSIONS AND IDENTITIES** | To list the different algebraic identities.  |
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| **6** | **SEPTEMBER** | **10** | **VISUALISING SOLID SHAPES** | To draw various 3D shapes around us.  |
| **11** | **MENSURATION** |  |

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| **7** | **OCTOBER** |  | **REVISION** |  |
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|  | **REPORT** |  |
| **8** | **NOVEMBER** | **12** | **EXPONENTS AND POWERS**  | To list the laws of exponents. |
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| **13** | **DIRECT AND INVERSE PROPORTIONS** | To find out the time taken by the vehicle to reach from home to school.  |
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| **9** | **DECEMBER** | **14** | **FACTORISATION** | To give different examples of variables and constants.  |
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| **10** | **JANUARY** | **15** | **INTRODUCTION TO GRAPHS** |  |
| To draw the 2D graph and mark its axis.  |
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| **16** | **PLAYING WITH NUMBERS** | To find out about different kind of numbers |
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| **11** | **FEBRUARY** | **16** | **PLAYING WITH NUMBERS** |  |
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|  | **REVISION**  |  |
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| **12** | **MARCH** |  | **ANNUAL EXAM AND FINAL REPORT** |  |
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