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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** |
|  |
| **1** | **APRIL** | **1** | **RATIONAL NUMBERS** | To represent the rational numbers on the number line. |
|  |
| **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. |
|  |
| **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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