**Subject:- Mathematics**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Month**  | **Wd**  | **Chapter**  | **Activities**  | **Assignment**  |
| April | 22 | Ch-1 Rational numbersCh-2 Operation on rational number  | Role play showing number line Addition of rational numbers by cutting and pasting  | worksheetsworksheets |
| **UT-1 (Part 1)****SYLLABUS-CH-2** |
| may  | 24 | Ch-3rational number as decimalsCh-14 Visualising Solids | To enable the student to convert rational numbers into decimalsRepresentation of shapes on graph paper | worksheetsworksheets |
| **UT-1 (Part 2)****SYLLABUS-CH-3** |
| June | **Summer break** |
| July  | 24 | Ch-4Exponent and powers.Ch-5Application of percentageCh-12Data handling  | Verification of law’sTo solve problem of percentage by daily life activities Represent the strength of all section of class -7 by double bar graph, | WorksheetsWorksheetsWorksheets |
| August | 22 | Ch-8Triangles and its propertiesCh-9Congruent triangleCh-10Construction of triangles  | Types of triangle chartCongruency concept by paper cutting,Analyze the type of triangles on the bases of sides and on the bases of anglesA visit to math’s lab. | WorksheetsWorksheetsWorksheets |
| Sept. | 23 | **Revision and half yearly exams****Syllabus-1,2,3,4,8,9,10,12** |
| Oct. | 19 |  Ch-6Algebraic expression Ch-7Linear equation in one variable | Type of polynomialsBalancing of equation | WorksheetsWorksheets |
|  | **Syllabus UT- 2 (Part 1)****Chapter 6** |
| Nov. | 22 | Ch-11Perimeter and areaCh-13Symmetry | Differentiation of perimeter and areaConcept of symmetry by ink dot design  | WorksheetsWorksheets |
| Dec. | 24 | **Revision** |
|  |  | **Syllabus for UT -2 (Part 2)****Chapter- 11** |
| Jan. | 13 | **Revision** |
| Feb. | 23 | **Annual Examination****Syllabus Chapter 1 to 14** |

**BLUE PRINT**

**MATHEMATICS – VII**

|  |  |  |  |
| --- | --- | --- | --- |
| **Total Marks** | **80** | **Total Marks** | **80** |
|  |  |  | Marks × Q. |
|  |  |  | 1×20 = 20 |
|  |  |  | 2×5 = 10 |
|  |  |  | 3×6= 18 |
|  |  |  | 5×4=20 |
|  |  |  | Case base 4×3=12 |
|  |  |  | **Total -80** |