**DAV Police Public School, Hisar**

**Syllabus Session- 2025-26**

**SUBJECT: - MATHS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Month** | | **W.D.** | | **P.**  **D.** | | | | | **Topic** | | | **Activities** | | | | **Assignment** | | |
| April | | 22 | | 08  08  08 | | | | | Ch.1  Number System  Ch.2  Polynomial  Revision & Test | | | Concept map (mind map)  Proof of (a+b)2 by cut & paste method  Identity Chart | | | | Exercise of NCERT + Extra sums.  Exercise of NCERT + Extra sums. | | |
| May | | 24 | | 08 | | | | | Ch.3  Co-ordinate Geometry  Ch.4  Linear equation in two variables | | | Plot the points (a,0), (0,0) and (0,b). Shade the region between these points.  Find the area of the shaded region. | | | | Exercise of NCERT + Extra sums.  Exercise of NCERT + Extra sums. | | |
| June | | **Summer Break** | | | | | | | | | | | | | | | | |
| July | | 24 | | 09  08 | | | | Ch.6  Lines and Angles  Ch- 5 Euclid’s Geometry  Revision & Test | | | | | Angles sum property of a triangle is 180°. | | | Exercise of NCERT + Extra sums | | |
| Aug. | | | 22 | 08 | | | Ch-7 Triangles  Ch-10 Heron’s Formula | | | | | | | | To verify different congruency criteria’s by triangle cut outs. | Ex- of NCERT + Extra question | | |
| Sep. | | | **Revision & Term-1 Examination**  **Chapters - 1,2,3,4,5,6,7,10** | | | | | | | | | | | | | | | |
| Oct. | | | 19 | | | 06 | | | | Ch-8 Quadrilaterals  Ch-9 Circles | | | | Sum of angles of a quadrilateral is 3600  The angle subtended by an arc at the Centre is double the angle subtended by it at any point on the remaining part of the circle. (by cut and paste method | | | Exercise of NCERT + Extra sums | |
| Nov. | | | 22 | | | 07 | | | | Ch.11  Surface area and volume.  Ch 12 Statistics | | | | To find the surface area of right circular cone and sphere experimentally.  To histogram for classes of equal width and varying width | | | Exercise of NCERT + Extra sums  Exercise of NCERT + Extra sums | |
| Dec. | | | **REVISION AND PRE-FINALS** | | | | | | | | | | | | | | | |
| Jan.+ Feb. | | | **REVISION** | | | | | | | | | | | | | | | |
| March | | | **FINAL EXAMINATION** | | | | | | | | | | | | | | | |
| **EXAM DATES** | | | | **EXAMS** | | | | | | **CHAPTERS** | | | | | | |
| MAY  JULY | | | | UNIT TEST –I  UNIT TEST-I | | | | | | 1. Number System 2. Polynomials | | | | | | |
| SEPTEMBER | | | | HALF-YEARLY EXAMS | | | | | | 1. Number System 2. Polynomials 3. Co-ordinate Geometry 4. Linear equation in two variables 5. Euclid’s Geometry 6. Lines and Angles 7. Triangles 8. Heron’s Formula | | | | | | |
| NOV- DEC  DEC- JAN | | | | UNIT TEST – II  UNIT TEST - II | | | | | | 8 Quadrilaterals  11 Surface area and volume. | | | | | | |
| JAN. - FEB | | | |  | | | | | | REVISION | | | | | | |
| MARCH | | | | FINAL EXAMS | | | | | | **FULL SYLLABUS** | | | | | | |