

CENTRAL ACADEMY SCHOOL
CLASS-XII(MATHS/BIO) SYLLABUS 2025-2026

<i>Subjects</i>	<i>Half Yearly Exam</i>	<i>1st Pre Board</i>	<i>2nd Pre Board</i>
ENGLISH CORE	Reading – Comprehension Passage Writing – Notice & letter to the editor. Literature – (Flamingo) 1,2,3, Poetry P-1, 2 Vistas L-1,2,3.	Reading – Comprehension Passage Writing – Article, Report, Application for Job, Invitation Literature – (Flamingo) 4,5,6,7,8 Poetry -3,4,5 Vistas –4,5,6 <u>Full Syllabus in Exam</u>	Full Syllabus
PHYSICS	1. Electric Charges& field 2. Electric Potential and Capacitance 3. Current Electricity 4. Moving Charges& Magnetism 5. Magnetis and matter 6. Electromagnetic Induction 8. Electromagnetic Wave	7. Alternating current 9. Ray optics and optical instrument 10. Wave optics 11. Dual Nature of Matter 12. Atoms 13. Nuclei 14. Electronic Devices <u>Full Syllabus in Exam</u>	Full Syllabus
CHEMISTRY	1. Solutions 2. Electrochemistry 3. Chemical Kinetics 4. Haloalkanes&Haloarenes 5.Alcohols, Phenols, and Ethers	6. d and f block elements 7. Coordination Compounds 8. Aldehydes, Ketones And Carboxylic acids 9. Amines 10. Bio Molecules <u>Full Syllabus in Exam</u>	Full Syllabus
MATHS	Part –I 1. Matrices2.Determinants 3. Inverse Trigonometric Functions 4. Continuity and Differentiability 5. Application of Derivatives 6. Introduction of Integration	7. Relations function 8. Linear Programming 9. Probability 10. Application of Integrals 11. Differential Equations 12. Vector Algebra 13. Three dimensional <u>Full Syllabus</u>	Full Syllabus
BIOLOGY	1. Sexual Rep. in flowering plants 2. Human Reproduction 3. Reproductive Health 4. Principles of inheritance & Variations 5. Evolution 6. Human health and diseases 7. Microbes in human welfare	8. Molecular Basis of Inheritance 9. Bio technology principles and processes 10. Bio Technology and its applications 11. Organisms & populations 12. Ecosystem 13. Bio diversity and Conservation <u>Full Syllabus in exam.</u>	Full Syllabus
IP	1. Data handling using pandas 2. Database query using SQL	3. Social Impact 4. Introduction to Computer Network	Full Syllabus
PHYSICAL EDUCATION	Ch-1 Management of Sporting Events Ch- 2 Children & Women in sports Ch-3 Yoga as preventive majors for Life Style disease Ch-4 Phy .Edu& Sports for CWSN Ch-5 Sports & Nutrition	Ch-6 Test & Measurement in Sports Ch-7 Physiology &injuries in sports Ch- 8 Biomechanics & Sports Ch-9 Psychology & Sports Ch-10 Training in Sports <u>Full Syllabus In Exams</u>	Full Syllabus

Time Table Class – XII (2025-2026)

HALF YEARLY EXAM		
Date	Day	Subjects
18/08/2025	Monday	English Core/Elective
20/08/2025	Wednesday	Physics / Geography / Accountancy
22/08/2025	Friday	Phy. Edu / I.P/ Painting/Hindi/App Maths
25/08/2025	Monday	Biology/Maths/Economics/History
28/08/2025	Thursday	Chemistry/Business Studies/Pol Science

1st PRE-BOARD EXAM		
Date	Day	Subjects
01/12/2025	Monday	Chemistry / B.Std / Pol Science
03/12/2025	Wednesday	Biology / Maths / Economics / History
05/12/2025	Friday	Eng Elective / Core
08/12/2025	Monday	Physics / Geography / Accountancy
10/12/2025	Wednesday	Phy. Education / IP / Hindi / App.Maths

2nd PRE-BOARD EXAM		
Date	Day	Subjects
03/01/2026	Saturday	Physics / Geography / Accountancy
05/01/2026	Monday	Chemistry / Business Studies/ Political Sci
07/01/2026	Wednesday	Biology / Maths / Economics / History
09/01/2026	Friday	Phy. Edu / I.P/Painting / Hindi / App. Maths
12/01/2026	Monday	English Core / Elective

1. All the documents & Fee should be deposited at the school office before commencement of I Term Exam.
2. There will be no re-exam in any case.
3. The marks of I Term & II Term shall be included in final result.
4. All the students should be present in proper school uniform.

Principal