

CENTRAL ACADEMY SCHOOL
CLASS-XI (MATHS/BIO) SYLLABUS 2026-2027

<i>Subjects</i>	<i>Quarterly</i>	<i>Half Yearly</i>	<i>Final</i>
English Core	1. <u>Reading</u> -Comprehension 2. <u>Writing</u> -Poster, Advertisement, 3. <u>Grammar</u> -Editing Task, Re-ordering 4. <u>Literature</u> - Horn Bill 1,2 Snapshot 1, Poetry 1,2	1. <u>Reading</u> -Comprehension, Note Making, Summary 2. <u>Writing</u> - Speech, Debate. 3. <u>Grammar</u> -Error Correction, gap filling. 4. <u>Literature</u> - Horn Bill 3,4 Snapshot -2,3. Poetry 3	1. <u>Reading</u> -Comprehension Note Making, Summary 2. <u>Writing</u> - Speech, Poster, Debate, Advertisement. 3. <u>Grammar</u> - Editing Task, Re ordering of Sent, clauses 4. <u>Literature</u> - HORN BILL-5, Snapshot 4,5, Poetry 4,5 (Full Syllabus for final term)
PHYSICS	1. Units & Measurements 2. Motion in a straight line 3. Motion in a plane 4. Laws of Motion 5. Work Energy & Power	6. System of Particles 7. Gravitation 8. Mech. Prop. Of Fluids 9. Mech Prop. Of Solids 10. Thermal Prop. Of Matter	11. Thermodynamics 12. Kinetic Theory Gases 13. Oscillation 14. Waves (Full Syllabus for final term)
CHEMISTRY	1. Some Basic Concepts of Chemistry 2. Structure of Atom 3. Organic Chemistry some basic principles & Techniques.	4. Classification of element & periodicity in properties 5. Redox Reactions 6. Chemical Bonding and Molecular Structure 7. Chemical Thermodynamics	8) Equilibrium 9) Hydrocarbons (Full Syllabus for final term)
MATHS	1. Sets 2. Trigonometric Functions 3. Complex No. and Quadratic Equation. 4. Linear Inequalities.	5. Permutations and combinations. 6. Binomial Theorem 7. Sequences and Series 8. Straight Lines 9. Conic Section	10. Introductions to 3D 11. Limits and Derivatives 12. Statistics 16. Probability 13. Relation & Function (Full Syllabus for final term)
BIOLOGY	1. The Living World 2. Biological Classification 3. Plant Kingdom 4. Animal Kingdom 5. Morphology of flowering plants. 6. Anatomy of Flowering Plants	7. Respiration in plants. 8. Breathing & Exchange of gases. 9. Plant growth and Development 10. Body Fluids and circulation. 11. Photosynthesis in Higher Plants. 12. Excretory products & their elimination.	13. Cell : The Unit of Life 14. Bio Molecules 15. Locomotion and Movement 16. Neural control & Coordination 17. Chemical Coordination & Integration 18. Cell cycle and Cell division 19. Structural organisation in Animals. (Full Syllabus for final term)
IP	1. Introduction to Computer System 2. Introduction to Python	3. Data handling & flow of control 4. Database concepts & the structured query language. 5. Introduction to Emerging tools	Full Syllabus for Final Term
Physical Education	Part –A Ch-1 Changing Trends & Career In Physical Education. Ch-2 Olympism & Value Education Ch-3 Yoga Ch-4 PhyEdu & Sports for CWSN Ch-5 Physical Fitness, Wellness & Lifestyle	Ch-6 Test Measurement & Evaluation Ch-7 Fundamentals of Anatomy & Physiology in sports Ch-8 Fundamentals of kinesiology & biomechanics in sports	Ch-9 Psychology & Sports Ch-10 Training and Doping in Sports (Full Syllabus for final term)

Time-Table Class – XI
Session 2026-2027

QUARTERLY EXAM		
Date	Day	Subjects
16/09/2026	Wednesday	Physics / Geography / Accountancy
18/09/2026	Friday	Chemistry / Business Studies / Political Science
22/09/2026	Tuesday	Biology / Maths / Economics / History
24/09/2026	Thursday	Physical Edu / Painting/I.P/Applied Maths
28/09/2026	Monday	English Core / Elective

HALF YEARLY EXAM		
Date	Day	Subjects
26/11/2026	Thursday	English Elective / Core
28/11/2026	Saturday	Chemistry / B.Std / Pol. Science
01/12/2026	Tuesday	Bio / Maths / Economics / History
03/12/2026	Thursday	Physics / Geography / Accountancy
05/12/2026	Saturday	Physical Education/IP/ Painting

FINAL EXAM		
Date	Day	Subjects
15/02/2027	Monday	English Elective / Core
17/02/2027	Wednesday	Physics / Geography / Accountancy
19/02/2027	Friday	Bio / Maths / Economics / History
22/02/2027	Monday	Chemistry / B.Std / Pol. Science
24/02/2027	Wednesday	Physical Education/IP/Painting/Applied Maths

Practical Exam Dates: 25th February 2027 to 27th February 2027.

- 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