

CENTRAL ACADEMY SCHOOL
CLASS-XII(MATHS/BIO) SYLLABUS 2022-2023

<i>SUBJECT</i>	<i>Quarterly</i>	<i>1st Pre Board</i>	<i>2nd Pre Board</i>
ENGLISH Core	Reading – Comprehension Passage Writing – Notice & Invitation Literature – (Flamingo) 1,2,3,4, Poetry P-1,3,4 Vistas L-1,2,3.	Reading – Comprehension Passage Writing – Article, Report, Letter Writing. Literature – (Flamingo) 5,6,7,8 Poetry -5,6 Vistas -4,5,6 <u>Full Syllabus in Exam</u>	Full Syllabus
ENGLISH ELECT.	Reading – Comprehension Passage Writing- Discursive/Interpretative, writing, Essay Grammar-Transformation of Sentences Literature – Kaleidoscope Prose – 1,2 Poetry-1,2,3,4 Non-Fiction – 1,2 Drama – Chandalika Fiction-A Tiger for Malgudi	Reading – Comprehension passage Writing – Report & speech Grammar-Transformation of Sentences Literature-Kaleidoscope Prose-3 Poetry – 5,6,7 Non-fiction – 3,4,5 Fiction – A tiger for Malgudi Full syllabus for Exam	Full Syllabus
PHYSICAL EDUCATION	Ch-1 Management of Sporting Events Ch- 2 Children & Sports Women & sports Ch-3 Yoga and Life Style Ch-4 Phy .Edu& Sports for differently abled Ch-5 Sports & Nutrition	Ch-6 Test & Measurement in Sports Ch-7 Physiology &injuries in sports, Sports Medicine Ch- 8 Biomechanics & Sports, Kinsology Ch-9 Psychology & Sports Ch-10 Training in Sports Full Syllabus In Exams	Full Syllabus
PHYSICS	1. Electrostatics 2. Current Electricity 3. Magnetic Effect of Current & Magnetism 4. Electromagnetic Induction 5. Electromagnetic Wave	6. Alternating current 7. Optics 8. Dual Nature of Matter 9. Atoms & Nuclei 10. Electronic Devices Full Syllabus in Exam	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 Full Syllabus in Exam	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	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 Full Syllabus in exam.	Full Syllabus
IP	1. Data handling using pandas 2. Database query using SQL	3. Social Impact 4. Introduction to Computer Network	Full Syllabus

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Time Table Class - XII

Quarterly Exam

Date	Day	Subjects
07/09/2022	Wednesday	Maths / App. Maths
10/09/2022	Saturday	Physics / Accounts / Geography
13/09/2022	Tuesday	Biology / Economics / Hindi
15/09/2022	Thursday	Chemistry / B. Studies / Pol. Science
17/09/2022	Saturday	English Core / English Elect.
20/09/2022	Tuesday	Phy. Edu / I.P

Half Yearly Exam

Date	Day	Subjects
02/12/2022	Friday	Eng Core / Eng . Elective
05/12/2022	Monday	Physics / Accounts / Geography
07/12/2022	Wednesday	Chemistry / B.Studies / Pol. Science
09/12/2022	Friday	App. Maths / Maths
12/12/2022	Monday	Phy. Edu / I.P / Hindi
13/12/2022	Tuesday	Biology / Economics / Hindi

PRE-BOARD EXAMINATION (CLASS-XII)

Date	Day	Subjects
09/01/2023	Monday	Biology / Eco. / Hindi
10/01/2023	Tuesday	Eng. Core / Eng. Elect
12/01/2023	Thursday	Chem. / B. Studies / Pol. Science
13/01/2023	Friday	Phy. Education / I.P
16/01/2023	Monday	Physics / Accounts / Geography
17/01/2023	Tuesday	Maths / App. Maths

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

Principal