



INDIAN SCHOOL NIZWA
YEAR PLAN 2023 - '24
CLASS XII
SCIENCE STREAM

| ENGLISH | | |
|----------------|--------------------------------|---|
| Term | Month | Chapter Name |
| Term I | March | Flamingo <ul style="list-style-type: none"> • The Last Lesson . • Lost Spring. |
| | April | Flamingo <ul style="list-style-type: none"> • Lost Spring (continued) • Deep Water . • Keeping Quite. Writing: <ul style="list-style-type: none"> ➤ Job Application ➤ Notice |
| | May | Reading: Unseen passage Vistas: <ul style="list-style-type: none"> • The Third Level. • The Tiger King. Writing: Invitation and reply (Formal) |
| | Periodic Test - I | |
| | June | Flamingo <ul style="list-style-type: none"> • The Rattrap. |
| | August | Flamingo <ul style="list-style-type: none"> • Indigo. • A thing of beauty. • Poets and Pancakes. Vistas <ul style="list-style-type: none"> • Journey to the end of the Earth. Writing: Report Writing |
| | September | Flamingo <ul style="list-style-type: none"> • A roadside stand. • Aunt Jennifer's tigers. Writing: Article writing |
| | Half Yearly Examination | |

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| Term II | October | <p>Vistas</p> <ul style="list-style-type: none"> • The Enemy. • On the face of it. <p>Writing: ➤ Letter to the Editor</p> <p>Reading: Unseen passage</p> |
| | November | <p>Flamingo</p> <ul style="list-style-type: none"> • The Interview. • Going places. <p>Vistas</p> <ul style="list-style-type: none"> • Memories of childhood. |
| | | Periodic Test – II |
| | December | <p>Flamingo</p> <ul style="list-style-type: none"> • My Mother at Sixty six. |
| | | Revision |
| | January | Pre–Board Examination |
| | February | CBSE Practical Examination |
| | March | CBSE Board Examination |

| PHYSICS | | |
|--------------------------------|------------------|--|
| Term | Month | Chapter name |
| Term I | March | Chapter 1 – Electrostatic charges and fields. |
| | April | Chapter 1 – Electrostatic charges and fields. (Continued) Chapter 2 – Electrostatic potential and capacitance |
| | May | Chapter 3 - Current Electricity Chapter 4 – Moving charges and magnetism |
| | | Periodic Test - I |
| | June | Chapter 4 – Moving charges and magnetism (continued) |
| | August | Chapter 5 - Magnetism and matter Chapter 6 - Electromagnetic induction |
| | | Chapter 7 - Alternating current |
| | September | Chapter 7 - Alternating current (continued) Chapter 9- Ray Optics Chapter 10 - Wave optics |
| Half Yearly Examination | | |
| Term II | October | Chapter 10 - Wave optics (continued) Ch 8 – EM waves Chapter 11 – Dual nature of matter and radiation |
| | November | Chapter 12 – Atoms Chapter 13- Nuclei Chapter 14 - Semiconductors and electronic devices |
| | | Periodic Test - II |
| | December | Revision |
| | January | Pre–Board Examination |
| | February | CBSE Practical Examination |
| | March | CBSE Board Examination |

| CHEMISTRY | | |
|--------------------------------|------------------|--|
| Term | Month | Chapter name |
| Term I | March | Chapter 2: Solutions |
| | April | Chapter 2: Solutions(contd..) Chapter 3: Electrochemistry |
| | May | Chapter 10: Halo alkanes & halo arenes . Chapter 11: Alcohols, phenols, ethers |
| | | Periodic Test - I |
| | June | Chapter 14: Biomolecules |
| | August | Chapter 14: Biomolecules(contd..) Chapter 12: Aldehydes, ketones, carboxylic acid Chapter 4: Chemical Kinetics |
| | September | Revision |
| Half Yearly Examination | | |
| Term II | October | Chapter 4: Chemical Kinetics(contd..) Chapter 13: Amines Chapter 8: d and f block elements |
| | November | Chapter 8: d and f block elements(contd..) Chapter 9: Coordination compounds |
| | | Periodic Test - II |
| | December | Revision |
| | January | Pre-Board Examination |
| | February | CBSE Practical Examination |
| | March | CBSE Board Examination |

| BIOLOGY | | |
|----------------|---|---|
| Term | Month | Chapter name |
| Term I | March | CH-2 Sexual reproduction in Plants (contd...) |
| | April | CH-2 Sexual reproduction in Plants CH-3 Human reproduction |
| | May | CH-4 Reproductive health. CH-5 Principles of Inheritance CH- 6 Molecular Basis of inheritance (contd ...) |
| | | Periodic Test - 1 |
| | June | CH- 6 Molecular Basis of inheritance |
| | August | CH-11 Biotechnology-Principles and process CH-12. Biotechnology- Applications CH-13 Organisms and Environment (Contd....) |
| | September | CH-13 Organisms and Environment |
| | | Half Yearly Examination |
| October | CH-10 Microbes in Human welfare CH -8 Human Health and diseases CH-15 Biodiversity and its Conservation (Contd....) | |
| Term II | November | CH-15 Biodiversity and its Conservation CH-14 Ecosystem CH 7 Evolution |
| | | Periodic Test-2 |
| | December | Revision |
| | January | Pre Board Examination |
| | February | CBSE Practical Examination |
| March | CBSE Board Examination | |

| MATHEMATICS | | |
|--------------------|------------------|---|
| Term | Month | Chapter name |
| Term I | March | Ch.3 Matrices |
| | April | Ch. 4 Determinants, Ch.1 Relation & Function, Ch2 Inverse Trigonometry |
| | May | Ch.5 Continuity & Differentiability |
| | | Periodic Test – I |
| | June | Ch.6 Application Of Derivatives |
| | August | Ch.6 Application Of Derivatives (Cntd:) Ch.7 Integration |
| | September | Ch.8 Application Of Integration |
| | | Half Yearly Examination |
| Term II | October | Ch.9 Differential Equation Ch.10 Vectors |
| | November | Ch.11 3 D Geometry Ch.12 Linear Programming Problems Ch.13. Probability |
| | | Periodic Test - II |
| | December | Revision |
| | January | Pre–Board Examination |
| | February | Revision |
| | March | CBSE Board Examination |

| INFORMATICS PRACTICES | | |
|------------------------------|------------------|---|
| Term | Month | Chapter Name |
| Term I | March | Ch 1 : Python Pandas - I |
| | April | Ch 1 : Python Pandas - I (Contd..) |
| | May | Ch 1 : Python Pandas - I (Contd..) Ch 3 : Plotting with Pyplot |
| | | Periodic Test - I |
| | June | Ch 4 : Importing /Exporting Data between CSV Files and Pandas |
| | August | Ch 6 : SQL Functions Ch 7 : Querying Using SQL |
| | | Ch 7 : Querying Using SQL(Contd) Ch 8 : Joins and Set Operations |
| | September | Half Yearly Examination |
| | | |
| Term II | October | Ch 11: Societal Impacts Ch 12 : Data Protection |
| | | Ch 12 : Data Protection(Contd) Ch 9: Introduction to Computer Networks Ch 10 : Introduction to Internet and Web |
| | November | Periodic Test - II |
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| | December | Revision |
| | January | Pre-Board Examination |
| | February | CBSE Practical Examination |
| | March | CBSE Board Examination |