

INDIAN SCHOOL SOHAR
SYLLABUS BREAK-UP (SESSION 2022-23)
CLASS XII (SCIENCE)

SUBJECT→ MONTH↓	ENGLISH	PHYSICS	CHEMISTRY	BIOLOGY	MATHEMATICS	INFORMATICS PRACTICES	PE	
MARCH	Recapitulating Concepts Lit.: The Last Lesson Writing: Notice	Electrostatics	Solid State	UNIT VI REPRODUCTION -Reproduction In Organisms	Relations and Functions	Unit I: Data Handling using Pandas and Data Visualization (Introducing Pandas & working with Numpy)	Unit I Management of Sporting Events	
APRIL	Lit.: Lost Spring, My Mother at 66, An Elementary Classroom Supp Reader: Third level, The Enemy, Should wizard Hit Writing: Article	Electrostatics Potential And Capacitance Current Electricity	Solutions p Block Elements Haloalkanes and Haloarenes	UNIT VI REPRODUCTION -Sexual Reproduction In Plants -Human Reproduction - Reproductive Health	Relations and Functions Inverse Trigonometric functions Matrices Determinants	Unit I: Data Handling using Pandas and Data Visualization (Python Pandas I)	Unit V Sports & Nutrition Unit III Yoga as Preventive measure for Lifestyle Disease	
MAY	Writing: Letter to the Editor, Advertisement, Job Application	Current Electricity Moving Charges- Magnetism	Haloalkanes and Haloarenes	UNIT VI REPRODUCTION -Sexual Reproduction In Plants UNIT VIII BIOLOGY IN HUMAN WELFARE - Human Health and Disease - Microbes in Human Welfare	Continuity and differentiability	Unit I: Data Handling using Pandas and Data Visualization (Plotting with PyPlot)	Unit II Children & Women in Sports	
	UNIT TEST - I (18TH MAY TO 26TH MAY)							
	Report writing	Discussion of QP Moving Charges- Magnetism	Alcohols, Phenols and Ethers	Discussion of QP UNIT - X ECOLOGY - Organism and Population	Application of derivative	Unit I:(Plotting with PyPlot & Importing / Exporting Data between CSV Files and Pandas	Discussion of QP Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang)	
JUNE	Lit.: Keeping Quiet, Deep Water	Magnetism II	Biomolecules	UNIT - X ECOLOGY - Organism and Population - Biodiversity and its Conservation	Linear Programming	Unit IV: Societal Impacts (Societal Impacts & Data Protection)	Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang)	
JULY	SUMMER VACATION (10TH JUNE TO 3RD AUGUST)							
AUGUST	Lit.: A Thing of Beauty, The Rattrap, Indigo ASL: LISTENING & SPEAKING	EM Induction AC Waves	Electrochemistry Chemical Kinetics d and f Block Elements Surface Chemistry	UNIT - X ECOLOGY - Principles of Inheritance & variation	Integrals Application of Integregation	Unit II: DataBase Query using SQL (MySQL Revision Tour)	Unit VI Test & Measurement in Sports	
SEPTEMBER	Lit.: Indigo Supp Reader: On the Face of It	Ray Optics	Coordination Compounds Revision Unit Test II	UNIT VII GENETICS AND EVOLUTION Molecular Basis of Inheritance	Differential Equations Revision for Term I	Unit II: DataBase Query using SQL (MySQL Functions & Querying Using SQL)	Unit VII Physiology & Injuries in Sports Unit VIII Biomechanics & Sports	

TERM – I EXAM (18TH SEPTEMBER TO 29TH SEPTEMBER)							
	Discussion of QP	Discussion of QP Ray Optics	Discussion of QP Aldehydes, Ketones and Carboxylic Acids	Discussion of QP Molecular Basis of Inheritance	Discussion of QP	Discussion of QP Unit I: Data Handling using Pandas (Python Pandas -II)	Discussion of QP
OCTOBER	Lit.: Aunt Jennifer's Tiger Supp Reader: On the Face of It, Evans Tries an O-Level Writing: Invitations & Replies	Wave Optics Dual nature Atom Nuclei Semiconductor	Amines Polymers Chemistry in Everyday life	UNIT IX BIOTECHNOLOGY - Principles and Processes	Vectors Three-Dimensional geometry Probability	Unit I: Data Handling using Pandas (Python Pandas -II & Data Visualization- Plotting) Unit II: DataBase Query using SQL (Joins & Set Operations , Importing /Exporting Data between MySQL and Pandas)	Unit IX Psychology & Sports
NOVEMBER	REVISION	Semiconductor REVISION	General Principles of Isolation of Elements REVISION	- Biotechnology and its applications REVISION	Probability REVISION	Unit III: Introduction to Computer Networks (Computer Networks & Introduction to Internet and Web) REVISION	Unit X Training in Sports REVISION
	REVISION						
DECEMBER	REVISION						
	PRE – BOARD – I PRACTICAL EXAMS						
JANUARY	PRE – BOARD – I EXAMS						
	CBSE BOARD PRACTICAL EXAMS						
FEBRUARY	PRE – BOARD – II THEORY EXAMS						
	HIGH ACHIEVER AND REMEDIAL CLASSES						
MARCH	CBSE BOARD EXAMINATIONS CLASS XII 2022-23						