

CLASS - XII (SCIENCE)

SUBJECT - ENGLISH

Month	Days for Syllabus Completion/Revision	Content	Subject Enrichment Activities/Experiential learning	Art Integrated Activities/Internal Assessment Activities
APRIL	19	Book- Flamingo Ch.1. The Last Lesson Ch.2. Lost Spring Poem 1. My Mother at sixty-six Writing skills: Notice, Invitation, and replies.	Discussion, debate, -to think critically and try to provide views/ solutions/suggestions. "Political enslavement is a curse on any Nation as it deprives it of its identity" # Linguistic Chauvinism / Procrastination Invitation-# Invite poor children for a feast	Concept maps and Mind maps(lit.) Videos and themes of the Gist with pictures or drawing related to the chapter *Ppt/slideshow *Mini dictionary
MAY	24	Book- Flamingo Book- Vistas Ch.1 The Third Level Ch.2 The Tiger King Ch. 3 The Journey to the End Of The Earth. W.S- Job Application Unseen passages- factual	A comparative study of the poem Elementary school classroom in a slum with Lost Spring and present it through a PPT. #Documentary on slum children. Job Application for an Environmentalist or volunteer to visit Antarctica.	Concept maps and Mind maps(lit.) Videos and themes of the Gist with pictures or drawing related to the chapter *Ppt/slideshow *Mini dictionary On Dream place or imaginary place
PERIODIC TEST I	Mention Chapters.	Ch.1&2 Poem (Flamingo)	W.S- Notice	
JULY	23	Book- Flamingo Ch. 3 Deep Water Ch.4 The Rattrap Poem 3. Keeping Quiet Book Vistas- Ch.4 The Enemy Writing skills: Article Writing, Unseen passages- case-based & ALS	*Videos, sharing stories on Patriotism, freedom fighters, and great, wise, and successful people and their secrets. (Emphasis on introspection and humanitarianism) Debate/Blogs/ Vlogs/Podcasts on 'The whole World is nothing but a great Rattrap.' Article Writing on the importance of Introspection/ Perseverance, Bravery and Will Power	Activity- Music, yoga, meditation, and introspection Drawing or experiences or opinions of the students about the phobia, the world, poverty/ deprived society, and the worries of modern society. List of types of Phobia- your phobia

AUGUST	24	Revision of Term I Syllabus and Terminal Examination 2023-24		
TERMINAL EXAM	Mention Terminal Exam Syllabus for Examination. Complete Syllabus (April to August)			
SEPTEMBER	21	<p>Book-Flamingo: Poem 4 (A Thing of Beauty...) Ch.5 Indigo Ch. 6 Poets and Pancakes</p> <p>Writing skills- Letter to Editor</p>	<p>Sharing self-experiences, interests, and opinions.</p> <p>Vlog / Podcast or Ted Talk content on Child vs adult perspective, Nature or celebrity or ppt/video/speech on Gandhi's movements</p>	<p>#Collage, POP work / Dance Performance/ Creating Art Reservoir using waste material #Beautifying room/ space/ building Choreography Brochure/Flyer /Document Making Musical Presentation of any form</p>
OCTOBER	21	<p>Book-Flamingo: Ch.7 The Interview Ch.8 Going Places. Poem 5- A Roadside Stand Book Vistas Ch.6 (On the face of it W.S- Report Writing</p>	<p>Poem 5-Write a Report on the sites/ conversation with the Roadside stander, visited by you. Ch.6 &7- Write a Report on any Interview from a newspaper clip or of Umberto Eco by Mukund Padmanabhan or any famous physically disabled person.</p>	<p>Group discussion on "It's got nothing to do with my face and what I look like" Group activity- PPT presenting the synopsis Documentary on the success stories of physically challenged people</p>
NOVEMBER	19	<p>Book Flamingo- Poem 6- Aunt Jennifer's Tigers</p> <p>Chapter 8:Memories of Childhood. Project</p>	<p>Discussion/ debate on Ch.8-A co-worker sprinkles 'holy water' on a machine previously operated by a colleague belonging to a lower caste to 'purify' it. This is harassment about caste. • A khap panchayat orders villagers to stop all interaction with the families of a couple who belong to different religions. This is a boycott about religion-cum-marital status. Poem 6-A schoolboy, who refuses to play sports, is called a 'sissy' by his teacher. This is harassment about gender identity.</p>	<p>Ch.7- Role play Of the Major Characters and Characterization. Concept map Scattergories- Characters, Dates, Events,</p>
PERIODIC TEST II	Mention Chapters Book Flamingo- Ch.5&6 Poem 5&6 Book Vistas Ch5&6 W.S-Job Application and Article			
DECEMBER, JANUARY, FEBRUARY, and MARCH – Revision of Annual Exam Syllabus and Annual Exam 2023-24				
ANNUAL EXAM	Mention Annual Exam Syllabus			

SUBJECT - PHYSICS

Month	Days for Syllabus Completion/Revision	Content	Subject Enrichment Activities/Experiential learning	Art Integrated Activities/Internal Assessment Activities
APRIL	19	Electrostatics	Practical demonstration, graphs, diagrams	Flowcharts and Key points
MAY	24	Current electricity & electromagnetism	Practical demonstration, graphs, diagrams	Flowcharts and Key points
PERIODIC TEST I	Electrostatics and Current electricity			
JULY	23	EMI	Practical demonstration, graphs, diagrams	Flowcharts and Key points
AUGUST	24	Revision of Term 1 Syllabus and Terminal Examination 2023-24		
TERMINAL EXAM	Electrostatics, Electromagnetism, EMI and Current electricity			
SEPTEMBER	21	EM Waves and Optics	Practical demonstration, graphs, diagrams	Flowcharts and Key points
OCTOBER	21	Dual nature of radiation & Atoms and Nuclei	Practical demonstration, graphs, diagrams	Flowcharts and Key points
NOVEMBER	19	Semiconductor devices	Practical demonstration, graphs, diagrams	Flowcharts and Key points
PERIODIC TEST II	Full syllabus			
DECEMBER, JANUARY, FEBRUARY and MARCH – Revision of Annual Exam Syllabus and Annual Exam 2023-24				
ANNUAL EXAM	Full syllabus			

SUBJECT - CHEMISTRY

Month	Days for Syllabus Completion/Revision	Content	Subject Enrichment Activities/Experiential learning	Art Integrated Activities/Internal Assessment Activities
APRIL	19	Haloalkanes & Haloarenes Alcohol Phenol & Ether	To Prepare the project report	Infographic
MAY	24	Aldehyde ,Ketone & Acid Amines	To Prepare the project report	Infographic PowerPoint presentation
PERIODIC TEST I	Haloalkanes & Haloarenes Alcohol Phenol & Ether			
JULY	23	Biomolecules d & f block elements	To prepare various structures	Infographic PowerPoint presentation
AUGUST	24	Revision of Term 1 Syllabus and Terminal Examination 2023-24		
TERMINAL EXAM	Mention Terminal Exam Syllabus for Examination			
SEPTEMBER	21	Coordination Compounds Solution	To Prepare Project report	Infographic PowerPoint presentation
OCTOBER	21	Electrochemistry Chemical Kinetics	To prepare Project Report Electrolysis of solution	Infographic PowerPoint presentation Model on Corrosion & Cell
NOVEMBER	19	Revision	-----	-----
PERIODIC TEST II	Coordination Compounds Solution			
DECEMBER, JANUARY, FEBRUARY and MARCH – Revision of Annual Exam Syllabus and Annual Exam 2023-24				
ANNUAL EXAM	Full Syllabus			

SUBJECT - MATHEMATICS

Month	Days for Syllabus Completion/Revision	Content	Subject Activities/Experiential learning	Enrichment	Art Activities/ Assessment Activities	Integrated Internal Activities
APRIL	19	Ch-3 Matrix, ch-4 Determinant, ch-12 LPP			Group of Linear inequalities	
MAY	24	Ch -5 continuity and differentiability, Ch -1 relation and function, ch-2 inverse trigonometric function	One-One Mapping		To draw graph of inverse trigonometric functions	
PERIODIC TEST I	Mention Chapters ch-3, ch-4, Ch -12					
JULY	23	Ch-6 Application of derivative, Ch -10 vectors	To find maxima or minima			
AUGUST	24	Revision of Term I Syllabus and Terminal Examination 2023-24				
TERMINAL EXAM	Mention Terminal Exam Syllabus for Examination Ch -1, ch-2, ch-3, ch-4, ch-5, ch-6, Ch -10, Ch -12					
SEPTEMBER	21	Ch-7 integrals				
OCTOBER	21	Ch-8 area under the curve, Ch -9 Differential equation, Ch -11 Three dimensional geometry.	To find area			
NOVEMBER	19	Ch-13 probability	Real life example			
PERIODIC TEST II	Mention Chapters ch-7, Ch -9					
DECEMBER, JANUARY, FEBRUARY and MARCH – Revision of Annual Exam Syllabus and Annual Exam 2023-24						
ANNUAL EXAM	Mention Annual Exam Syllabus Full syllabus					

SUBJECT - BIOLOGY

Month	Days for Syllabus Completion/Revision	Content	Subject Activities/Experiential learning	Enrichment	Art Activities/ Assessment	Integrated Internal Activities
APRIL	19	Unit -VI Reproduction Ch-1,2,3	Project activities	Quiz, Hands On	Sketching diagrams	
MAY	24	Unit -VI ch-4 Unit-VII ch-5,6	Project activities, flowcharts	Quiz, Hands On	Models, diagrams	sketching
PERIODIC TEST I	Mention Chapters	Unit- VI Reproduction				
JULY	23	Unit-VII ch-7 Unit- -VIII	Project activities, flowcharts	Quiz, Hands On	Models, diagrams	sketching
AUGUST	24	Revision of Term I Syllabus and Terminal Examination 2023-24				
TERMINAL EXAM	Mention Terminal Exam Syllabus for Examination and Chapters for Internal Assessment unit- VI,VII, VIII	unit-	Mention Activities for Internal Assessment Chapters		Mention Activities for Internal Assessment Chapters	
SEPTEMBER	21	Unit- IX	Project activities, flowcharts	Quiz, Hands On	Models, diagrams	sketching
OCTOBER	21	Unit-X	Project activities, flowcharts	Quiz, Hands On	Models, diagrams	sketching
NOVEMBER	19	Revision				
PERIODIC TEST II	Mention Chapters					
DECEMBER	24					
JANUARY, FEBRUARY and MARCH – Revision of Annual Exam Syllabus and Annual Exam 2023-24						
ANNUAL EXAM	Mention Annual Exam Syllabus including Chapters from Term I for Examination /Chapters for Internal Assessment.		Mention Activities /Project for Internal Assessment Chapters		Mention Activities/Project for Internal Assessment Chapters	

SUBJECT - PHYSICAL EDUCATION

Month	Days for Syllabus Completion/Revision	Content	Subject Enrichment Activities/Experiential learning	Art Integrated Activities/Internal Assessment Activities
APRIL	19	1. Management of Sporting event 2. Children & Women in sports	Planning of Annual sports meet	Infographic
MAY	24	3. Yoga as preventive measure of lifestyle diseases 4. Physical education and sports for CWSN	Yoga Activities	Collage of Yoga's
PERIODIC TEST I		1. Management of Sporting event 2. Children & Women in sports		
JULY	23	5. Sports and Nutrition 6. Test and measurement in sports	Group discussion on Nutrition	Nutrition Chart
AUGUST	24	Terminal Exam		
TERMINAL EXAM		1. Management of Sporting event 2. Children & Women in sports 3. Yoga as preventive measure of lifestyle diseases 4. Physical education and sports for CWSN 5. Sports and Nutrition 6. Test and measurement in sports		
SEPTEMBER		7. Physiology & Injuries in sports 8. Biomechanics & Sports	Enhance the Knowledge of First-Aid	Pictures of First- Aid
OCTOBER	21	9. Psychology & Sports	Activity on Goal setting	Chart on Big Five Theory
NOVEMBER	19	10 Training in Sports	German Drill & Shuttle Run	Training Cycle
PERIODIC TEST II		7. Physiology & Injuries in sports 8. Biomechanics & Sports		
DECEMBER, JANUARY, FEBRUARY and MARCH – Revision of Annual Exam Syllabus and Annual Exam 2023-24				
ANNUAL EXAM Syllabus	Full Syllabus			

SUBJECT - HIND MUSIC VOCAL

Month	Days for Syllabus Completion/Revision	Content	Subject Enrichment Activities/Experiential learning	Art Integrated Activities/Internal Assessment Activities
APRIL	19	Alankar,alap,time theory of ragas,rupak tala	Showing videos and audios from youtube.tala practice on handbeat.	Making charts of tala
MAY	24	Raga bhairav,sangeet ratnakar,tana	Voice culture	Making charts on different types of instruments.
PERIODIC TEST I	Alankar,alap,raga bhairav,rupak tala,time theory of ragas.			
JULY	23	Meend,gamak,jhaptala,dhamar tala,raga bageshri,	Watching live concert,tala videos, Talas in group practice.	Making charts on tala and contribution of musicians in indian music.
AUGUST	24	Revision of Term 1 Syllabus and Terminal Examination 2023-24		
TERMINAL EXAM	Alankar,alap,tana,meend,gamak,time theory of ragas,sangeet ratnakar, jhaptala, dhamar tala, rupak tala,raga bhairav,raga bageshri.			
SEPTEMBER	21	Grama,murchhana,kan,sangeet parijata,ustad faiyaz khan,	Extra knowledge from group discussion of all musicians.	Teaching via green board and with practical.
OCTOBER	21	Khatka,murki,raga malkauns,Bade Ghulam Ali Khan,		
NOVEMBER	19	All talas,krishan rao shankar pandit,tanpura,		Making charts of talas
PERIODIC TEST II	Grama murchhana,kan,sangeet parijata,ustad faiyaz khan,raga malkauns and dhamar tala			
DECEMBER, JANUARY, FEBRUARY and MARCH – Revision of Annual Exam Syllabus and Annual Exam 2023-24				
ANNUAL EXAM	Alankar,alap,tana,meend,gamak,gram, murchhana,kan khatka,murki,time theory of ragas, sangeet ratnakar,sangeet parijata, tanpura, jhaptala, dhamar tala, rupak tala, raga bhairav, raga bageshri,raga malkauns,ustad faiyaz khan,bade Ghulam Ali Khan,krishan rao shankar pandit.			

Subject : Informatics Practices

Max. Marks : 70

Unit	Unit Name	Marks (Theory)
I	Data Handling using Pandas and Data Visualization	25
II	Database Query using SQL	25
III	Introduction to Computer Networks	10
IV	Societal Impacts	10
	Total	70
V	Practical	30
	G. Total	100

Month wise Distributio

Month	Days for Syllabus Completion/ Revision	Content	Subject Enrichment Activities/ Experiential Learning	Art Integrated Activities/ Internal Assessment Activities
APRIL	19	Revision of XI My SQL Unit 1 : Database Query using SQL Math functions : POWER (), ROUND (), MOD (). Text functions : UCASE ()/UPPER(), LCASE()/LOWER (), MID ()/ SUBSTRING ()/SUBSTR(), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions : NOW (), DATE (), MONTH (), MONTH NAME (), Aggregate functions : MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by Joining, Merging and Concatenatious of Tables	Practical	Practical
MAY	24	UNIT 1 : Introduction to Python libraries - Pandas, Matplotlib. Data structures in Pandas - Series and Data Frames. Series : Creasion of Series from - ndarray, dioctionary, scalar value; mathematical operations; Head and Tall functions; Selection, Indexing and Slicing. Data Frames : Creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns; add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; Importing/Exporting Data between CSV files and Data Frames		

PERIODIC TEST I	My SQL, Python Libraries - Series, Pandas			
JULY	23	Data Visualization Purpose of plotting; drawing and saving following types of plots using Matplotlib - line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots. pie chart, frequency polygon, box plot and scatter plot. Color, style (dashed, dotted), width	Practical	Practical Project of Mysql and Python Connectivity
AUGUST	24	Revision of Term I Syllabus and Terminal Examination 2023-24		
TERMINAL EXAM	Data Handling using Pandas I & II, Data visualization My SQL			
SEPTEMBER	21	Unit 3 : Introduction to Computer Networks Introduction to network, Types of network: LAN, MAN, WAN. Network Devices : Modern, hub, switch, repeater, router, gateway Network Topologies : Star, Bus, Tree, Mesh. Introduction to Internet, URL, WWW, and its applications- Web, email, Chat Volp, Website : Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of website, Web Browsers : Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies	Practical	Practical
NOVEMBER	19	Unit 1 : Data handling using Pandas - II Descriptive Statistics: max, min, count, sum, mean, median, mode, quartile, Standard deviation, variance. Data Frame operations: Aggregation, group by, Sorting, Deleting and Renaming Index, Pivoting, Handling missing values - dropping and filling importing/Exporting Data between MySQL database and Pandas.	QUIZ	CHART ON SOCIETAL IMPACTS OF IT
OCTOBER	21	Unit 4 : Social Impacts Digital footprint, net and communication etiquettes, Data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open-source software (FOSS). Cybercrime and cyber lays, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste : hazards and management. Awareness about concerns related to the usage of technology. Revision Work	QUIZ	CHART ON SOCIETAL IMPACTS OF IT
PERIODIC TEST II	Database Queries Using SQL, Computer Network, Societal Impacts			
December, January, February and March - Revision of Annual Exam Syllabus and Annual Exam 2023-24				
ANNUAL EXAM	FULL SYLLABUSS			