

Compiled yearly syllabus for class XI

All Subjects

Session-2025-26

Subject: Physics

Month	Chapter/topic	Enrichment Activity	No of Period	Weightage of the Chapter
April- May	Ch 1 :Units and Measurement	To measure diameter of a small spherical/cylindrical body using Vernier callipers.	20	10
	Chapter–2: Motion in a Straight Line			
	Topic -			
	Vectors of chapter 3	To measure internal diameter and depth of a given beaker/calorimeter using Vernier callipers and hence find its volume.		
		To measure diameter of a given wire using screw gauge.		
		To measure thickness of a given sheet using screw gauge.		
July- August	Chapter–3: Motion in a Plane Chapter–4: Laws of Motion	To find the weight of a given body using parallelogram law of vectors. To study different objects showing projectile motions. Activity to be done in ground.	32	13

Sep- oct	Ch 5 Work, Energy, Power Ch 6 System of Particles and Rigid Bodies Ch 7 Gravitation	To determine the mass of two different objects using a beam balance.	40	17
Oct- Nov	Ch 8 Mechanical Properties of Solids Ch 9 Mechanical Properties of Fluids Ch 10 Thermal Properties of Matter	To study the variation in volume with pressure for a sample of air at constant temperature by plotting graphs between P and V, and between P and 1/V. Working models of hydraulic lift and hydraulic brakes	32	20
Dec- Jan	Ch 11 Thermodynamics Ch 12 Kinetic theory of gases Ch 13 Oscillations Ch 14 Waves	Using a simple pendulum, plot L-T and L-T ² graphs. Hence find the effective length of a second's pendulum using appropriate graph. To study the relation between frequency and length of a given wire under constant tension using sonometer To find the speed of sound in air at room temperature using a resonance tube by two resonance positions	44	20

Subject: Chemistry

Month	Topic/Chapter	Enrichment Activity	No of period	Weightage of the Chapter
April	1.Basic concept of Chemistry	Bending of glass tube	18	7
May	1.structure of atom (Classical concept)	Determination of boiling and melting point of compounds	10	9
June		Project work		
July	1. Structure of atom (Quantum Model) 2.Classification of elements	Preparation of standard solution oxalic acids and Sodium carbonate	10+12 =22	9+6 =15
August	1.Chemical Bonding 2.Thermodynamics	Titration of acids and base	20 +5=25	7
september	1.Thermodynamics	Titration of potassium permanganate with oxalic acid	18	9
October	1. Redox reaction 2.Equilibrium -1	Salt analysis	9+10 =19	4+7=11
November	1.Equilibrium -2 2.Organic Chemistry	Salt analysis	10+10=20	11

December	1.Organic Chemistry 2.Hydrocarbon	Salt analysis	10+10 =20	11
January	1.Hydrocarbon	Revision	10	10

Subject: Mathematics

Month	Unit/ Name	Enrichment Activity	No of Periods	Weightage
April-May	Unit 1- Sets and Functions Chapters : 1)Sets 2) Relations	1)To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is 2^n 2)To verify that for two sets A and B, $n(A \times B) = pq$ and the total number of relations from A to B is 2^{pq} where $n(A) = p$ and $n(B) = q$.	30	11
July	Unit 1- Sets and Functions Chapters : 1)Functions 2)Trigonometry Unit 2- Algebra Chapters: 1) complex numbers and quadratic equations 2) linear inequations	1) To represent set theoretic operations using Venn diagrams 2)To verify distributive law for three given non-empty sets A, B and C, that is, $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$	30+20	12+5
August	Unit 2- Algebra Chapters: 1) Binomial theorem 2) Permutations and combinations 3) Sequence	1) To distinguish between a Relation and a Function (audio visual activity) 2) Project on the basis of Pascal's triangle (chart paper)	30+20	20+7

	and series Unit 3- Coordinate geometry 1) Introduction to 3D 2) Straight lines			
September- October	Unit 3- Coordinate geometry Chapters : 1) Conic sections Unit 4 – Calculus Chapters: 1) limits	1) To verify the relation between the degree measure and the radian measure of an angle	25+20	5+4
November	Unit 4 – Calculus Chapters: 1) derivatives Unit 5 – Statistics Chapters: 1) Probability	1) To find the values of sine and cosine functions in second, third and fourth quadrants using their given values in first quadrant.	36	4+6
December	Unit 5 – Statistics Chapters: 1) Statistics	2) To plot the graphs of $\sin x$, $\sin 2x$, $2\sin x$ and $\sin x/2$, using same coordinate axes.	20	6
January	Project Work and Revision	Complete a Project based on chapters.	15	5
		ACTIVITY FILE Notebook Project		10 marks 5 marks 5 marks
			Total	80+20=100 marks

Subject: Biology

<u>Month</u>	<u>Chapter / Topic</u>	<u>Activity/Practical</u>	<u>No. of Period</u>	<u>Weightage of the Chapter</u>
<u>April</u>	<u>The Living World</u> <u>Biological Classification</u>	<u>Group discussion about systems of classification</u>	<u>20</u>	<u>5</u>
<u>May</u>	<u>Plant Kingdom</u> <u>Animal Kingdom</u>	<u>Showing different plant and animal specimens</u>	<u>25</u>	<u>10</u>
<u>July</u>	<u>Cell -The Unit of Life</u> <u>Cell Cycle and Cell Division</u>	<u>Preparation of chart by students on cell cycle.</u>	<u>20</u>	<u>10</u>
<u>August</u>	<u>Morphology of Flowering Plants</u> <u>Anatomy of Flowering Plants</u> <u>Structural Organization in Animals</u>	<u>Practical of solanaceae family.</u> <u>Preparation of temporary slide of dicot and monocot stem and root.</u>	<u>30</u>	<u>10</u>
<u>October</u>	<u>Breathing and Exchange of Gases</u> <u>Body Fluids and Circulation</u>		<u>25</u>	<u>7</u>
<u>November</u>	<u>Photosynthesis in Higher Plants</u> <u>Respiration in Plants</u> <u>Plant - Growth and Development</u>	<u>Separation of chlorophyll pigments by paper chromatography.</u>	<u>26</u>	<u>12</u>
<u>December</u>	<u>Excretory Products and their Elimination</u>	<u>Study of bones and muscle tissue.</u>	<u>20</u>	<u>6</u>

Subject: Economics

<u>Month</u>	<u>Unit/ Name</u>	<u>Enrichment Activity</u>	<u>No of Period</u>	<u>Weightage of the Chapter</u>
<u>April- May</u>	<u>Unit 1- Introduction</u> <u>Unit 4: Introduction</u>	<u>Individual Activity Lap Book- Collect information on Central Problems of an economy and make a lap book</u>	<u>07+04=11</u>	<u>11</u>
<u>July</u>	<u>Unit 2- Collection, Organisation and Presentation of Data</u>	<u>Group Activity Newsletter- create a newspaper for India's Government Budget of 2023 using Collection, Organisation, Tabular, Diagrammatic and Graphic Data</u>	<u>27</u>	<u>06</u>
<u>August</u>	<u>Unit 5- Consumer's Equilibrium and Demand</u>	<u>Group Activity Collage Making- Collect information about the various Sectors found in our country and make a collage. Select the agricultural sector and describe it in a paragraph.</u>	<u>32</u>	<u>13</u>

<u>October</u>	<u>Unit 3- Statistical Tools and Interpretation</u>	<u>Individual Activity</u> <u>Compare and Contrast</u> <u>(Consumer's Equilibrium</u> <u>and Producer Behavior)-</u> <u>Compare and write the</u> <u>difference between</u> <u>Consumer's</u> <u>And Producer's behavior</u> <u>inIndia based on three</u> <u>sectors.</u>	<u>41</u>	<u>27</u>
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<u>November</u>	<u>Unit 6- Producer Behavior and Supply</u>	<u>Economical Field Trip-A trip to the Bank in Lucknow along with the answering of the relevant worksheet related to the trip.</u>	<u>26</u>	<u>13</u>
<u>December</u>	<u>Unit 7- Forms of Market And Price Determination Under Perfect Competition With Simple Application</u>	<u>Complete a PPT based on Microeconomics chapters.</u>	<u>13</u>	<u>10</u>
<u>January</u>	<u>Project Work and Revision</u>	<u>Complete a Project based on chapters.</u>	<u>15</u>	<u>20</u>

Subject: Accountancy

<u>Units</u>	<u>Name of the Chapter/Unit</u>	<u>Marks</u>
<u>Unit-1</u>	<u>Theoretical Frame work</u>	<u>12</u>
<u>Unit2.</u>	<u>Accounting Process</u>	<u>44</u>
	<u>Total</u>	<u>56</u>
<u>Unit3.</u>	<u>Financial Statements of Sole Proprietorship</u>	<u>24</u>
	<u>Total</u>	<u>24</u>
	<u>Project Work</u>	<u>20</u>
	<u>Total</u>	<u>20</u>
	<u>Grand Total</u>	<u>100</u>

<u>Months</u>	<u>Main Topic and Sub topics to be covered</u>	<u>Activities/Projects/ to be held/Specific Assessment Tools suggested.</u>
<u>April-May</u>	<p><u>Introduction to Accounting</u></p> <p><u>Accounting - Concept, meaning, as a source of information, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business.</u></p> <p><u>Basic Accounting Terms</u></p> <p><u>Entity, Business Transaction, Capital, Drawings, Liabilities (Non-current and Current), Assets (Non-current and Current), Expenditure (Capital and Revenue), Expenses, Revenue, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtors. Creditors, Voucher, Discount (Trade Discount and Cash Discount)</u></p> <p><u>Theory Base of Accounting</u></p> <p><u>Fundamental Accounting Assumptions: GAAP _Concept Basic Accounting Concepts: Business Entity, Money Measurement, Going Concern, Accounting Period</u></p> <p><u>Theory Base of Accounting</u></p> <p><u>Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism, Materiality and Objectivity</u></p> <p><u>System of Accounting, Basis of Accounting: Cash Basis and Accrual Basis</u></p> <p><u>Accounting Standards: Applicability of Accounting Standards (AS) and Indian Accounting Standards (IndAS) Goods and Service Tax (GST): Characteristics and Advantages</u></p> <p><u>Unit-2: Accounting Process Recording of Business Transactions</u></p> <p><u>Voucher and Transactions: Source Documents and Vouchers, Preparation of Vouchers, Accounting Equation Approach: Meaning and Analysis, Rules of Debit and Credit Recording of Transactions: Books of Original Entry _Journal Special Purpose Books</u></p>	<p><u>Different assignments can be given to the students to understand the topic through role play method.</u></p>

<u>July</u>	<u>Unit-2: Accounting Process Recording of Business Transactions (Contd.)</u> <u>Cash Book: Simple, Cash book with bank column and petty cash book, Purchase Book, Sales Book, Purchase Return Book Sales Return Book, Journal Proper</u> <u>Note: Including trade discount, freight and cartage Expenses for simple GST calculation</u>	<u>Project, The Indian Accounting Standard</u> <u>can be drawn in chart Paper.</u>

<u>August</u>	<u>Ledger: Format, Posting from Journal and Subsidiary Books,</u> <u>Balancing of Accounts</u> <u>Bank Reconciliation Statement</u> <u>Need and Preparation of Bank Reconciliation Statement</u> <u>Depreciation, Provision and Reserve</u> <u>Depreciation: Meaning, Features, Need, Causes, Factors Other</u> <u>similar terms: Depletion and Amortisation</u> <u>Methods of Depreciation: Straight Line Method (SLM) and</u> <u>Written Down Value Method (WDV)</u> <u>(Note: Excluding change of method)</u> <u>Difference between SLM and WDV Advantages of SLM and</u> <u>WDV</u> <u>Preparation of asset account, depreciation account and provision</u> <u>for depreciation account</u>	<u>Quiz, Class Test,</u> <u>Weekly Test, Oral</u> <u>Test, Mind map,</u> <u>Case Studies, Role</u> <u>Play, Crossword</u> <u>Puzzles</u>
<u>September</u>	<u>Treatment of disposal of asset</u> <u>Provision and Reserve</u> <u>Provision, Reserves, Difference between Provisions and Reserves</u> <u>Types of Reserves: Revenue Reserve, Capital Reserve, General</u> <u>Reserve, Specific Reserve, Secret Reserve Difference between</u> <u>Revenue Reserve and Capital Reserve</u>	<u>Quiz, Class Test,</u> <u>Weekly Test, Oral</u> <u>Test, Mind map,</u> <u>Case Studies, Role</u> <u>Play, Crossword</u> <u>Puzzles</u>
<u>October</u>	<u>Trial Balance and Rectification of Errors</u> <u>Trial Balance: Objectives, meaning and preparation</u> <u>Errors: Classification-Error of omission, commission, principle</u> <u>and compensating, their effect on Trial Balance. Detection and</u> <u>rectification of errors:</u> <u>(i) Error which do not affect trial balance</u> <u>Errors which affect trial balance Preparation of Suspense Account</u>	<u>Quiz, Class Test,</u> <u>Weekly Test, Oral</u> <u>Test, Mind map,</u> <u>Case Studies, Role</u> <u>Play, Crossword</u> <u>Puzzles</u>

<u>November</u>	<u>Financial Statement of Sole Proprietorship</u> <u>Meaning, Objectives and Importance; Revenue and Capital</u> <u>Expenditure; Deferred Revenue Expenditure, Opening Journal</u> <u>Entry. Trading and Profit and Loss Account: Gross Profit,</u> <u>Operating Profit and Net Profit. Preparation of Balance Sheet:</u> <u>Need, grouping and marshalling of assets and liabilities.</u> <u>Adjustment in preparation of Financial Statements with respect to</u> <u>Closing Stock, Outstanding Expenses, Prepaid Expenses, Accrued</u> <u>Income, Income Received in Advance, Depreciation.</u>	<u>Project, Quiz, Class</u> <u>Test, Weekly Test,</u> <u>Oral Test, Mind map,</u> <u>Entry card, Exit</u> <u>Card, Case Studies,</u> <u>Role Play, Crossword</u> <u>Puzzles</u>
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<u>December</u>	<u>Adjustment in preparation of Financial Statements with respect to Bad Debts, Provision for Doubtful Debts, Provision for Discount on Debtors, Abnormal Loss, Goods taken for personal use/staff welfare, Interest on capital and <small>manager's commission.</small></u> <u>Preparation of Trading and Profit and Loss Account and Balance Sheet of a sole proprietorship with adjustment.</u>	<u>Project, Quiz, Class Test, Weekly Test, Oral Test, Mind map, Entry card, Exit Card, Case Studies, Role Play</u>
<u>January</u>	<u>Incomplete Records</u> <u>Features, reasons and limitations.</u> <u>Ascertainment of Profit/Loss by Statement of Affairs method (excluding conversion method)</u>	<u>Project, Quiz, Class Test, Weekly Test, Oral Test, Crossword</u> <u>Puzzles</u>
<u>February</u>	<u>PREPARATION OF PROJECT WORK</u> <u>&</u> <u>Revision Work</u>	<u>Practice Tests</u>
<u>March</u>	<u>Revision for the Final Exams</u>	<u>Practice Tests</u>

Subject: Business Studies

<u>Units</u>	<u>Topics</u>	<u>Marks</u>
<u>PartA</u>	<u>FOUNDATIONOFBUSINESS</u>	
<u>1</u>	<u>EvolutionandFundamentalsofBusiness</u>	<u>16</u>
<u>2</u>	<u>FormsofBusinessOrganisation</u>	
<u>3</u>	<u>Public,PrivateandGlobalEnterprises</u>	<u>14</u>
<u>4</u>	<u>BusinessServices</u>	
<u>5</u>	<u>EmergingModesofBusiness</u>	<u>10</u>
<u>6</u>	<u>SocialResponsibilityofBusinessandBusinessEthics</u>	
<u>TOTAL</u>		<u>40</u>
<u>PartB</u>	<u>FINANCEANDTRADE</u>	
<u>1</u>	<u>SourcesofBusinessFinance</u>	<u>20</u>
<u>2</u>	<u>SmallBusinessandEnterprises</u>	
<u>3</u>	<u>InternalTrade</u>	<u>20</u>
<u>4</u>	<u>InternationalBusiness</u>	

<u>TOTAL</u>		<u>40</u>
<u>PartC</u>	<u>PROJECTWORK(ONE)</u>	<u>20</u>

PART A: FOUNDATION OF BUSINESS

<u>Months</u>	<u>Main Topic and Sub topics to be covered</u>	<u>Activities/Projects/ to be held/Specific Assessment Tool(s) suggested.</u>
<u>April- May</u>	<p><u>Unit. 01 _Evolution and Fundamentals of Business</u></p> <p><u>History of Trade and Commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities, Merchant Corporations, Major Trade Centres, Major Import and Exports, Position of Indian Sub-Continent in the World Economy</u></p> <p><u>Business_Meaning, Characteristics,</u></p> <p><u>Business, Profession and Employment_Concept Objective of Business</u></p> <p><u>Classification of Business Activities_Industry and Commerce</u></p> <p><u>Industry Types-Primary, Secondary, Tertiary Meaning and Subgroups</u></p> <p><u>Commerce _ Trade:(types _ internal, external; wholesale and retail) and auxiliaries to trade (Banking, Insurance, Transportation, Warehousing,</u></p>	<p><u>Project, Quiz, Mind map, Class Tests, Crossword Puzzles, Case Studies, Role Play</u></p>
	<p><u>Communication and Advertising)_Meaning Business Risk _ Concept</u></p> <p><u>Unit.02-Forms of Business Organizations</u></p> <p><u>Sole Proprietorship-Concept, merits and limitations.</u></p> <p><u>Partnership-Concept, types, merits and limitation of partnership, registration of a partnership firm, partnership deed. Types of partners</u></p>	

<u>July</u>	<p align="center"><u>Unit.02-Forms of Business Organizations</u></p> <p><u>Hindu Undivided Family Business: Concept. Cooperative Societies-Concept, merits, and limitations. Company - Concept, merits and limitations; Types: Private, Public and One Person Company_Concept. Formation of company-stages, important documents to be used in formation of a company</u></p> <p align="center"><u>Choice of form of business organization</u></p> <p><u>Unit. 03 _Public, Private and Global Enterprises Public Sector and Private Sector Enterprises _Concept Forms of Public Sector Enterprises _Departmental Undertakings, Statutory Corporations and Government Company</u></p> <p align="center"><u>Global Enterprises_Features</u></p> <p align="center"><u>Joint Venture, Public Private Partnership_Concept</u></p>	
<u>August</u>	<p align="center"><u>Unit.04 _Business Services</u></p> <p align="center"><u>Business services_meaning and types.</u></p> <p><u>Banking: Types of bank accounts - savings, current, recurring, fixed deposit and multi-option deposit account</u></p> <p><u>Banking services with particular reference to Bank Draft, Bank Overdraft, and Cash credit, E-Banking:- meaning, Types of digital Payments</u></p> <p><u>Insurance _ Principles. Types _life, health, fire and marine insurance _concept</u></p> <p><u>Postal Service-Mail, Registered Post, Parcel, Speed Post, Courier _meaning</u></p> <p align="center"><u>Unit.05 _Emerging Modes of Business</u></p> <p align="center"><u>E-business: concept, scope and benefits</u></p>	<p><u>Project, Quiz, Mind map, Class Tests, Crossword Puzzles, Case Studies, Role Play, Bank Visits, Display of different Cards</u></p>
<u>September</u>	<p><u>Unit.06 _Social Responsibility of Business and Business Ethics</u></p> <p><u>Concept of Social Responsibility Case of Social Responsibility</u></p> <p><u>Responsibility towards owners, investors, consumers, employees, government and community</u></p> <p><u>Role of business in environment protection Business Ethics: - Concept and Elements</u></p>	<p><u>Project, Quiz, Mind map, Class Tests, Crossword Puzzles, Case Studies, Role Play, Live Presentation of Online Transactions</u></p>
<u>October</u>	<p align="center"><u>Unit.07 _Sources of Business Finance</u></p> <p align="center"><u>Concept of Business Finance</u></p> <p><u>Owner's funds: equity shares, preference share, retained earnings</u></p> <p><u>Borrowed funds: debentures and bonds, loan from financial institution, commercial banks, public deposits, trade credit, Inter Corporate Deposits (ICD)</u></p>	<p><u>Quiz, Mind map, Class Tests, Crossword Puzzles, Case Studies, Role Play</u></p>

<u>November</u>	<p align="center"><u>Unit. 08 – Small Business and Enterprises</u></p> <p align="center"><u>Entrepreneurship Development (ED): Concept, Characteristics and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up. Intellectual Property Rights and Entrepreneurship.</u></p> <p align="center"><u>Small scale enterprise as defined by MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act)</u></p> <p align="center"><u>Unit.09 Internal Trade</u></p> <p align="center"><u>Internal trade - meaning and types services rendered by a wholesaler and a retailer</u></p>	<p><u>Project, Quiz, Mind map, Class Tests, Crossword Puzzles, Case Studies, Role Play</u></p>
<u>December</u>	<p align="center"><u>Unit.09 Internal Trade</u></p> <p align="center"><u>Types of retail-trade-Itinerant and small-scale fixed shops retailers</u></p> <p align="center"><u>Large scale retailers-Departmental stores, chain stores _ concept</u></p> <p align="center"><u>GST(Goods and Services Tax):Concept and key-features</u></p> <p align="center"><u>Role of small business in India with special reference to rural areas</u></p> <p align="center"><u>Government schemes and agencies for small scale industries: National Small Industries Corporation (NSIC) and District Industrial Centre (DIC) with special reference to rural, backward areas</u></p>	<p><u>Quiz, Mind map, Class Tests, Crossword Puzzles, Case Studies, Role Play, Visit of nearest Departmental Store and Chain Store</u></p>
<u>January</u>	<p align="center"><u>Unit. 10 _International Trade</u></p> <p align="center"><u>Internationaltrade:conceptandbenefits Export trade _Meaning and procedure Import Trade - Meaning and procedure</u></p> <p align="center"><u>Documents involved in International Trade; indent, letter of credit, shipping order, shipping bills, mate's receipt(DA/DP)</u></p> <p align="center"><u>World Trade Organization (WTO)meaningandobjectives</u></p>	<p><u>Quiz, Mind map, Class Tests, Crossword Puzzles, Case Studies, Role Play</u></p>
<u>February</u>	<p align="center"><u>PREPARATION OF PROJECT WORK</u></p> <p align="center"><u>&</u></p> <p align="center"><u>Revision Work</u></p>	<p align="center"><u>Practice Tests</u></p>
<u>March</u>	<p align="center"><u>Revision for the Final Exams</u></p> <p align="center">–</p>	<p align="center"><u>Practice Tests</u></p>

Subject: Political Science

<u>Month</u>	<u>Chapter/ Topic</u>	<u>Enrichment Activity</u>	<u>No of Period</u>	<u>Weightage of the Chapter</u>
<u>April- May</u>	<u>1.Constitution: Why and How?</u> <u>2. Rights in the Indian Constitution</u>	<u>Collaborative Learning</u> <u>Assigning task for acquiring information on different types of rights.</u> <u>Comparative analysis: Different type of rights</u>	<u>22</u>	<u>10</u>
<u>July</u>	<u>1..Election and Representation.</u> <u>2.Executive</u> <u>3.Nationalism</u>	<u>Group Activity – Comparative Analysis: of the different Election system of the prominent democratic countries of the world.</u>	<u>22</u>	<u>10</u>
<u>August</u>	<u>1.Citizenship.</u> <u>2.Secularism</u> <u>3.Judiciary</u>	<u>Group Activity</u> <u>- Map activity</u> <u>Interpretation of cartoons/ Pictures/ Newspaper Clippings.</u>	<u>25</u>	<u>10</u>
<u>October</u>	<u>1.Legislature</u> <u>2.Judiciary</u> <u>3.Freedom</u>	<u>Individual Activity</u> <u>Collecting political cartoons from various newspapers and magazines and discussing the issues raised.</u>	<u>22</u>	<u>10</u>
<u>November</u>	<u>1.Executive</u> <u>2.Constitution as a Living Document</u> <u>3.The Philosophy of the Constitution</u>	<u>Compare Western and Indian Model of Secularism.</u> <u>Differentiate between Inter-religious and Intra-Religious Domination.</u>	<u>22</u>	<u>10</u>

<u>December</u>	<u>1.Federalism.</u> <u>2.Local Self Government</u> <u>3.Equality</u>	<u>Debate: Can identity</u> <u>claims lead</u> <u>to social divisions or will</u> <u>it</u> <u>strengthen and</u> <u>recognize</u> <u>multiple identities?</u>	<u>22</u>	<u>10</u>
<u>During</u> <u>Summer</u> <u>Vacation</u>	<u>Project Work</u>			<u>20</u>
	<u>Total</u>			<u>100</u>

Subject: History

<u>Month</u>	<u>Chapter/ Topic</u>	<u>Enrichment Activity</u>	<u>No of Period</u>	<u>Weightage of the Chapter</u>
<u>April- May</u>	<u>Writing and City Life</u>	<u>Individual Activity Lap</u> <u>Book- Collect</u> <u>information on</u> <u>Mesopotamian</u> <u>Civilization and make a</u> <u>lap book</u>	<u>22</u>	<u>10</u>
<u>July</u>	<u>An Empire Across the Three Continents</u>	<u>Group Activity</u> <u>Newsletter- create a</u> <u>newspaper for ancient</u> <u>Rome</u>	<u>22</u>	<u>10</u>
<u>August</u>	<u>Nomadic Empire</u>	<u>Group Activity</u> <u>Collage Making- Collect</u> <u>information about the</u> <u>various tribes found in</u> <u>our country and make a</u> <u>collage. Select any of the</u> <u>two tribes and describe</u> <u>about them in a</u> <u>paragraph.</u>	<u>25</u>	<u>10</u>

<u>October</u>	<u>The Three Orders</u>	<u>Individual Activity</u> <u>Compare and</u> <u>Contrast (Janus</u> <u>Figures)- Compare and</u> <u>write the difference</u> <u>between Feudalism in</u> <u>Europe and Caste</u> <u>System in India.</u>	<u>22</u>	<u>10</u>
<u>November</u>	<u>Changing Cultural</u> <u>Traditions</u>	<u>Historical Field Trip- A</u> <u>trip to the historical</u> <u>places in Lucknow along</u> <u>with the answering of</u> <u>the relevant worksheet</u> <u>related to the trip.</u>	<u>22</u>	<u>10</u>
<u>December</u>	<u>Displacing Indigenous</u> <u>People</u>	<u>Individual Activity</u> <u>Audio Listening</u> <u>Activity- An audio will</u> <u>be played of a rough</u> <u>face girl after that</u> <u>students will be asked to</u> <u>draw a venn diagram</u> <u>comparing between</u> <u>Cinderella and the</u> <u>rough face girl</u>	<u>22</u>	<u>10</u>
<u>January</u>	<u>Path to Modernisation</u>	<u>Individual Activity</u> <u>Power Point</u> <u>Presentation- Make a</u> <u>PPT and demonstrate on</u> <u>Meji Restoration in the</u> <u>class</u>	<u>22</u>	<u>15</u>
<u>Along with</u> <u>the</u> <u>chapters</u>	<u>Map work of the related</u> <u>themes</u>			<u>5</u>
<u>During</u> <u>Summer</u> <u>Vacation</u>	<u>Project Work</u>		<u>25</u>	<u>20</u>
	<u>Total</u>			<u>100</u>

Subject: English

Month	Chapters	Activity	Periods
APRIL	HORNBILL Ch 1. The Portrait of a Lady	Class Activity <ul style="list-style-type: none"> Analyse the characters through monologues The students should imagine themselves in the shoes of the character (they have chosen) and write a monologue from their perspective. Group Activity Assign each group a specific stanza or aspect of the poem to focus on. Instruct students to create a visual narrative inspired by their assigned stanza or theme.	20
	Poem- A Photograph	Group Activity Assigned a Character to each group. Imagine yourself as the assigned character and write a journal entry reflecting on a significant event or experience from the story.	
	SNAPSHOTS Ch1. The Summer of The Beautiful White Horse	<ul style="list-style-type: none"> Poster Making 	

	<p>WRITING SKILLS</p> <p>Poster Making</p> <p>GRAMMAR</p> <p>Tense</p>		
MAY	<p>HORNBILL</p> <p>Ch 2. We are Not Afraid to Die.....</p> <p>SNAPSHOTS</p> <p>Ch2 The Address</p>	<p>Group Activit</p> <p>Assign each group the role of the crew of the "Wavewalker." Each group will create a survival plan based on the challenges encountered by the characters in the story.</p> <p>Assign each group a specific aspect of the historical context to research. Possible topics include:</p> <ul style="list-style-type: none"> • The rise of Nazi Germany • The persecution of Jews and other targeted groups • Life in Nazi-occupied territories • Resistance movements and acts of defiance • Liberation and aftermath of the Holocaust • Instruct students to conduct research using reliable sources to gather information about their assigned topic. 	18

	<p>WRITING SKILLS</p> <p>Classified Advertisements</p>		
JULY	<p>HORNBILL</p> <p>Ch3- Discovering Tut: The Saga Continues</p>	<ul style="list-style-type: none"> • Collect information about the new findings related to the mystery of king Tut's death. <p>Group Activity</p> <p>Assign a specific role in the archaeological expedition (e.g., archaeologists, historians, photographers, cartographers). Explain that each group will plan and conduct their own simulated expedition to explore King Tutankhamun's tomb.</p> <p>All the groups will simulate their archaeological expedition, following the plans they developed. Provide access to images or diagrams of King Tut's tomb and artifacts to aid in the simulation.</p> <p>Group Activity</p> <p>Each group will be provided with magazines, newspapers, or printed images.</p> <p>Students will select images that represent the imagery and</p>	<p>22</p>

Poem-The Laburnum Top

themes found in "The Laburnum Top."

Then students will look for images of trees, nature, seasons, birds, and other elements mentioned in the poem.

Students should cut out their chosen images and arrange them on the poster board or large paper to create a collage that reflects the mood and atmosphere of the poem.

Discussion will be there afterwords.

- Deliver a speech on the given topic. (speaking activity)

WRITING SKILLS

Speech Writing

	<p>READING Note-Making</p> <p>GRAMMAR Sentence Transformation</p>		
AUGUST	<p>HORNBILL Ch 7 The Adventure</p> <p>Poem-Childhood</p> <p>WRITING Debate Writing</p> <p>GRAMMAR Gap Filling & Sentence reordering</p>	<ul style="list-style-type: none"> • Read any science fiction story of genre 'Time Travel' and discuss it in class. • Make use of important expressions used in the text <p>Prepare a Memory Lane Scrapbook.</p>	20
SEPTEMBER	Revision of the chapters and grammar topics	ASL	10
OCTOBER	<p>HORNBILL Ch 8 Silk Road Poem- Father to Son</p> <p>SNAPSHOTS Ch 7-Birth</p> <p>GRAMMAR Gap Filling</p>	<ul style="list-style-type: none"> • Story narration • Analysis of the poem 	20
NOVEMBER	<p>SNAPSHOTS Ch. 5. Mother's Day</p>	Role Play	15

	<p>SNAPSHOTS</p> <p>Ch. 10- Poem-The Tale of Melon City</p> <p>WRITING SKILLS</p> <p>Debate Writing</p> <p>GRAMMAR</p> <p>Gap Filling & Sentence Transformation</p>	<ul style="list-style-type: none"> • Debate on the given topic (group activity) 	
DECEMBER	<p>READING</p> <ul style="list-style-type: none"> • Note-Making •Revision of the chapters and topics 	ASL	10
WEIGHTAGE			
SECTION	COMPETENCIES	TOTAL MARKS	
READING SKILLS	Conceptual understanding, decoding, analysing, appreciating interpreting inferring, and summarizing using appropriate format.	26	
CREATIVE WRITING SKILLS	Conceptual understanding, application of rules, analysis, reasoning appropriative style, and tone using appropriate format and fluency.	23	
LITERATURE	Recalling, reasoning, appreciating literary convention, analysis, creativity with fluency and critical thinking.	31	
TOTAL			80
ASL(Assessment of speaking & listening)			10

INTERNAL ASSESSMENT	5
• Listening	5
• Speaking	10
• Project Work	
GRAND TOTAL	20

Subject: Painting

Month	Chapter/topic	Enrichment Activity	No of Period	Weightage of the Chapter
April- May	Fundamental of Visual Arts:- Elements and Principles Point, line, colour, tone, texture, space. Practical:- Still life study	Study of two or three natural and geometric forms in pencil with light and shade from a fixed point of view. Natural forms like plants, vegetables, fruits and flowers, etc, are to be used. Geometrical forms of objects like cubes, cones, prisms, cylinders and spheres should be used.		
July- August	Pre-Historic Rock Paintings and Art of Indus Valley (2500B.C to 1500B.C) Temple Sculpture, Bronzes and Artistic Aspects of Indo-Islamic Architecture Practical:- Landscape study	Landscape painting involves capturing natural light, colour and textures which helps develop your understanding of colour theory and mixing.		
Sep- oct	Principles of Design: Unity, harmony, balance, rhythm, emphasis, proportion. Practical:- Nature study	sketches from nature like plants, flowers, trees climbers etc.		

Oct-Nov	Six limbs of Indian painting and fundamental of visual arts Buddhist, Jain and Hindu Art	Historical Monuments sketching and Drawing With pen and in		
Dec- Jan	The Art during Mauryan, Shunga, Kushana and Gupta periods The Art of Ajanta Caves Practical:- Sketching from life and objects, Monuments building etc.	Oil colour techniques Relief Printing through linocut / paper cardboard		

Subject: Physical Education

Month	Unit/ Name	Enrichment Activity	No of Period	Weightage of the Chapter
April- May	Unit 1- Changing Trends & Career in Physical Education Unit 2: Olympics	Group discussion and assignment on different career option in physical education. Assignment on history of Olympic Paralympic and special Olympics	20+25=45	8+5=13
July/ August	Unit- 3 Yoga Unit- 4 Physical Education and	Group Activity – performing different yogasanas - Group	18+ 24+22=64	5+7+5=17

	<p>sports for CWSN</p> <p>Unit- 5 Physical Fitness, Health and wellness</p>	<p>discussion on health and factor affecting health in modern lifestyle</p>		
October	<p>Unit-6 Test, Measurements & Evaluation</p> <p>Unit -7 Fundamental of Anatomy, Physiology in Sports</p>	<p>Group discussion on classification of test in physical education and sports.</p> <p>Group discussion on classification of bones and joints</p>	10+20= 30	5+8=13
November/December	<p>Unit - 8 Fundamental of Kinesiology and Biomechanics in Sports</p> <p>Unit -9 Psychology & Sports</p> <p>Unit -10 Training and Doping in Sports</p>	<p>Group Discussion on Types of Body Movements- Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation</p> <p>Group Discussion on Application of Psychology</p> <p>Group Discussion on Different Methods of Training in Sports</p>	18+24+22=64	10+7+10=27

January	Practical & Revision	Practical (SAI Khelo India Fitness Test) Proficiency in Games and Sports (Skill of any one IOA recognised Sports / Game of Choice) Yogic Practices	10 + 22	30
	Total			100

Subject: Computer Science

<u>Month</u>	<u>Chapter Name</u>	<u>Activity/Practical</u>	<u>No. of Periods</u>	<u>Weightage</u>
<u>April</u>	<u>Computer System Overview</u> <u>Data Representation</u>	<u>Information Collection from google and presentation based on chapter.</u>		<u>5</u>
<u>May</u>	<u>Introduction to Problem solving</u>	<u>Presentation making for this to show logical thinking.</u>		<u>4</u>
<u>PT-1</u>				
<u>July</u>	<u>Getting Started with Python</u> <u>Python Fundamentals</u>	<u>Installing multiple editors like VS code, anaconda Editor or Jupiter Notebook. And work on them.</u>		<u>5</u>
<u>August</u>	<u>Data Handlings Flow of control</u>	<u>Working on programs. Students will work on basic programs to understand the basic concept of Python.</u>		<u>15</u>

<u>September</u>	<u>Revision + Half Yearly</u>			
<u>October</u>	<u>String Manipulation</u>	<u>Program Based on Strings.</u>		<u>15</u>
<u>November</u>	<u>List Manipulation</u>	<u>Programs</u>		<u>10</u>
<u>December</u>	<u>Tuples</u> <u>Dictionaries</u>	<u>Programs</u>		<u>16</u>
<u>PT-2</u>				
<u>January</u>	<u>Dictionary (Continue)</u>	<u>Programs</u>		
<u>February</u>	<u>Revision + Annual Examination</u>			
<u>Project</u>		<u>Based On Python</u>		<u>7</u>
<u>Practical</u> <u>File</u>		<u>Based on Python programs</u>		<u>8</u>
<u>Viva</u>		<u>Based on chapter.</u>		<u>5</u>
<u>Practical</u> <u>Exam</u>				<u>12</u>
				<u>100</u>

Subject: Psychology

<u>Months</u>	<u>Unit</u>	<u>Chapter</u>	<u>Enhancement Activity</u>	<u>Marks</u>	<u>Periods</u>
<u>April</u>	<u>I</u>	<u>Understanding Psychology</u>	<u>Group Discussion on how psychology affects daily life.</u>	<u>11</u>	<u>27</u>
<u>May</u>	<u>II</u>	<u>Methods of Enquiry in Psychology</u>	<u>Students match the most suitable method for studying aggression in children, memory of elderly, etc.</u>	<u>13</u>	<u>32</u>
<u>July</u>	<u>III</u>	<u>Human Development</u>	<u>Discuss how damage to specific areas affects behaviour.</u>	<u>11</u>	<u>26</u>
<u>August</u>	<u>IV</u>	<u>Sensory, Attentional and Perceptual Processes</u>	<u>Conduction of simple experiment on Selective Attention.</u>	<u>8</u>	<u>18</u>
<u>August-September</u>	<u>V</u>	<u>Learning</u>	<u>“Role-Play”</u> <u>Group enact real-life scenarios of learning theories (reinforcement in school)</u>	<u>9</u>	<u>20</u>

<u>October</u>	<u>VI</u>	<u>Human Memory</u>	<u>“Memory Challenge”</u> <u>Conduction of S.T.M test</u> <u>(recall a list of words)</u>	<u>8</u>	<u>19</u>
<u>October- November</u>	<u>VII</u>	<u>Thinking</u>	<u>“Problem Solving Challenge”</u> <u>Students solve real-world</u> <u>problems using different</u> <u>thinking strategies (divergent</u> <u>Vs convergent)</u>	<u>5</u>	<u>14</u>
<u>December</u>	<u>VIII</u>	<u>Motivation and</u> <u>Emotion</u>	<u>Students maintain a daily</u> <u>emotion log and analyse</u> <u>triggers.</u>	<u>5</u>	<u>14</u>
		<u>Total</u>		<u>70</u>	<u>170</u>