DAV PUBLIC SCHOOL,KOYLANAGAR,DHANBAD

SESSION 2025-26

MONTHWISE BIFURCATED SYLLABUS

CLASS-XII

STREAM-SCIENCE,COMMERCE & ARTS

SUBJECTS

- 1.ENGLISH
- 2.PHYSICS
- 3.CHEMISTRY
- 4.MATHEMATICS
- 5.APPLIED MATHEMATICS
- 6.BIOLOGY
- 7.ACCOUNTANCY
- 8.BUSINESS STUDIES
- 9.ECONOMICS
- 10.INFORMATICS PRACTICES
- 11.HINDI
- 12.PHYSICAL EDUCATION
- 13.HISTORY
- 14.POLITICAL SCIENCE
- 15.FINE/COMM. ART

SUBJECT – ENGLISH   CLASS – XII

MONTHS	CHAPTER'S NAME	WRITING SKILLS	PROJECT
APRIL (23 days)	*The Last Lesson *Lost Spring *My Mother At Sixty Six ------------------------	Notice Writing	Listening and Speaking
MAYe (11 days)	*The Third Level *The Tiger King	Comprehension Passage	
JUNE (08 days)	*Deep Water *Keeping Quiet *The Rattrap	Article Writing Letter to the Editor	
JULY (27 days)	*Indigo *Poets and Pancakes *A Thing of Beauty *Journey to the End of the Earth	INVITATION (Formal & Informal) REPLIES (Acceptance & Refusal)	PORTFOLIO
AUGUST (24days)	*A Roadside Stand *The Enemy *On the Face of It	Application for a Job REPORT WRITING	
SEPTEMBER (23 days)	REVISION WORK	MID TERM EXAM	
OCTOBER (22 days)	*The Interview *Going Places *Memories of Childhood : :- The cutting of My Long Hair	REVISION (Reading Passage for Comprehensions	Final submission of PROJECT WORK
NOVEMBER (24days)	*Memories of Childhood : :- We Too are Human Beings *Aunt Jennifer's Tigers	REVISION (Writing Skills)	
DECEMBER (26days)	REVISION PRE-BOARD EXAM	REVISION PRE-BOARD EXAM	

SUBJECT: PHYSICS (042)   CLASS: XII

Note: Down load the Syllabus from CBSE Academic Web-site for the Session 2025-26 and follow the Chapter-wise details.

1. MONTH	2. CHAPTERS TO BE TAUGHT	3. EXPERIMENTS/PROJECT WORKS/ ACTIVITIES
April (18 Days)	Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance	1. To determine resistivity of two / three wires by plotting a graph for potential difference versus current. 2. To find resistance of a given wire / standard resistor using metre bridge. First activity from section A
May (11 Days)	Chapter–3: Current Electricity	3. To verify the laws of combination (series) of resistances using a metre bridge. **OR** To verify the laws of combination (parallel) of resistances using a metre bridge. Second activity from section A.
June (08 Days)	Chapter–3: Current Electricity Chapter–4: Moving Charges & Magnetism	4. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit. Third activity from section A
July (27 Days)	Chapter–4: Moving Charges and Magnetism (To be completed) Chapter–5: Magnetism and Matter Chapter–6: Electromagnetic Induction	1. To find the value of v for different values of u in case of a concave mirror and to find the focal length. 2. To find the focal length of a convex mirror, using a convex lens. First activity from section B
PRE-MID TERM EXAMINATION (TENTATIVELY 4th WEEK OF JULY)		
August (24 Days)	Chapter- 7: Alternating currents Chapter–8: Electromagnetic Waves Chapter–9: Ray Optics and Optical Instruments.	3. To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$. 4. To find the focal length of a concave lens, using a convex lens. Second activity from section B
September (23 Days)	Chapter–9: Ray Optics and Optical Instruments (To be completed the remaining part if any.) Revision Work.	Third activity from section B
MID TERM EXAMINATION (TENTATIVELY 2ND WEEK OF SEPTEMBER)		
October (22 Days)	Chapter–10: Wave Optics Chapter–11: Dual Nature of Radiation and Matter	5. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.
November (24 Days)	Chapter–12: Atoms Chapter–13: Nuclei Chapter–14: Semiconductor -Electronics: Materials, Devices and Simple Circuits.	9. To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias. **One Suggested Investigatory Projects**
December (26 Days)	1st & 2nd Week: Chapter wise Assessment Test. 3rd & 4th Week: Pre-Board Examination	Revision of Practical
January (24 Days)	2nd Pre-Board & Board Practical Examination.	Final Practical Examination

SUBJECT-CHEMISTRY.   CLASS -XII.

NOTE:The monthwise chapters are mentioned here.For details of the chapter download the syllabus issued by CBSE Academic for the session 2025-26(www.cbseacademic.nic.in)

Month	Unit	Chapters	Practical/Project work
April 2025	Unit-1	Solutions.(Detaied study as per CBSE syllabus)	Project work.
May2025	Unit-II	Electrochemistry	Titration
June2025	Unit -III	Chemical Kinetics	Titration
July-2025	Unit -IV ………………… …… Unit -V	a)d and f block elements ……………………. b) Cordination Compounds. Revision work….1st unit test in the last week of July	Titration/Project work
August -2025	Unit -VI Unit -VII	a)Haloalkane and Haloarenes b)Alcohol, Phenol and Ethers	Salt analysis/project work
September-2025		Revision work….. MID TERM EXAMINATION -2025	PRACTICAL EXAM
October -2025	Unit-VIII	Aldehyde, Ketone and Carboxylic acid.	Content based experiment. Detection of functional groups.
November -2025	Unit- IX and Unit X.	a)Amines b)Biomolecules	Revision work….
December -2025		Revision work…… Practice of sample question paper…… Assessment tests 1,2….. Pre-Board Examination.,...	
January -2026		Revision work …. Board Practical examination.	Revision of practicals.

N.B: Practicals/project work as per CBSE guidelines.

SUBJECT-MATHEMATICS   CLASS -XII

Month	Chapter	Activity
April	Unit I- 1 Relations and functions 2. Inverse trigonometric functions Unit II- Algebra 1.Matrices and determinants	To verify that the relation R in the set P of all lines in a plane: defined by R= {(p,m): p perpendicular m} is symmetric but neither reflexive not transitive.
May	Unit III – Calculus 1 Continuity and differentiability 2 Differentiation: chain rule 3 Application of differentiation: Rate measurer	To demonstrate a function which is not one- one but is onto.
June	3 Application of differentiation: Monotonic functions, Maxima and Minima	To demonstrate a function which is one one but not onto
July	4 Indefinite Integration Definite Integration 5 Application of Integration. Area of bounded region	To draw the graph of sin-1 x using the graph of sin x and demonstrate the concept of mirror reflection (about the line y=x)
August	6 Differential equation Unit IV :1 Vector Algebra	To find analytically the limit of a function f(x) at x=c and also to check the continuity of the function at that point
September	Revision Mid term exam	To understand the concepts of decreasing and increasing function
October	2 Three dimensional Geometry	To understand the concepts of local Maxima local minima and point of inflexion
November	Unit V : Linear Programming Unit VI: Probability	To understand the concepts of absolute maximum and absolute minimum values of a function in a given closed interval through its graph.
December	Revision Pre board Exam	To measure the shortest distance between two skew lines and verify it analytically . To explain the computation of conditional probability of a given event E, when event D has already occurred through an example of throwing two dice.

Note- For details, go through the Syllabus issued by CBSE (2025-26).

SUBJECT- APPLIED MATHEMATICS (241)
CLASS -XII

Note : The month wise chapters to be learnt are mentioned here. For the topics details you have to download and follow the syllabus issued by CBSE Academic for the session 2025-26.

April 2025	Unit 1 : Numbers, Quatification and Numerical Applications (Detailed study as per CBSE Syllabus)
May 2025	Unit - II : Algeba (Detailed study as per CBSE Syllabus)
June 2025	Unit-III : Calculus (Detailed study as per CBSE syllabus) 1. Continuity and Differentiability 2. applications of Derivatives
July 2025	Unit-III : Calculus (Detailed study as per CBSE syllabus) 3. Integrals 4. Applications of the Integrals
August 2025	*** 1st Unit Test Unit IV : Probability Distrbutions
September 2025	Revision Work & Mid Term Examination
October 2025	Unit V : Inferential Statistics (Detailed study as per CBSE syllabus) Unit Vi : Time-based data
November 2025	Unit VII : Financial Mathematics Unit VIII : Linear Programming
December 2025	Revision and Pre-Board Examination
January & February 2026	Revision work & Board Practical Examination

Note Parcticals/Project Work as per CBSE guidelines

Subject -Biology CLASS -XII

Note: Month wise Chapters to be learnt are mentioned here.

Month	Chapter Name	Experiment /project name
April 2025	Unit VI Reproduction Chapter1: Sexual reproduction in flowering plants Chapter 2: Human Reproduction	Prepare a temporary mount to observe pollen germination.
May 2025	Chapter 3: Reproductive Health	Study plant population frequency method
June 2025	Unit VII Genetics and evolution Chapter 4: Principles of inheritance and variation	
July 2025	Chapter 5: Molecular basis of inheritance Chapter 6: Evolution	Study the Plant population density method
PRE-MID TERM EXAMINATION (TENTATIVELY 4th WEEK OF JULY)		
August 2025	Unit VIII Biology and Human Welfare Chapter: 7 Human health and disease Chapters: 8 Microbes in Human welfare	Prepare a temporary mount of onion root tip to study mitosis.
September 2025	Chapter 9: Biotechnology- Principles and processes Chapter 10: Biotechnology and its application	Study and observation of permanent slides
MID TERM EXAMINATION (TENTATIVELY 2ND WEEK OF SEPTEMBER)		
October 2025	Chapter 11: Organism and population Chapter 12: Ecosystem	Isolate DNA from available Plant material such as spinach, green pea seed, papaya etc.
November 2025 —————————————————— December 2025 —————————————————— January 2026	Chapter 13: Biodiversity and its conservation. —————————————————— Revision 1st & 2nd week: Chapter wise assessment Test —————————————————— 3rd & 4th week 1st pre board Examinations 2nd pre board and Board Examination.	Revision of all practical of std 12

Note: Download the syllabus from CBSE Academic website for the session 2025-2026 and follow the Chapter-wise details.

ACCOUNTANCY CLASS –XII

MONTH (No. of Working Days)	CHAPTERS TO BE TAUGHT
APRIL (16 Days)	Part – A Accounting for Partnership Firms Topic - Fundamentals of Partnership Firm (Details refer from CBSE Curriculum 2025-26)
MAY (11 Days)	Accounting from Partnership Firm – Reconstitution of Partnership Firm Topic – Change in Profit Sharing Ratio (Details refer from CBSE Curriculum 2025-26)

JUNE (08 Days)	Topic- Admission of a Partner.
	  (Introduction of Revaluation, Partner Capital, Balance Sheet)
	  (Details refer from CBSE Curriculum 2025-26)

JULY (27 Days)	Topic – Admission of Partner (Adjustment of Partner Capital)
	    Retirement and Death of a Partner
	    Dissolution of Partnership firm (Introduction of Realization A/c)
	  (Details refer from CBSE Curriculum 2025-26)

PRE-MID TERM EXAMINATION (TENTATIVELY 4TH WEEK OF JULY)

AUGUST (24 Days)	Dissolution of Partnership Firm Part –B Financial Statement of a Company Tools of Financial Statements Analysis Accounting Ratios Cash Flow Statement. (Details refer from CBSE Curriculum 2025-26)
SEPTEMBER (23 Days)	Cash Flow Statement Revision Work…

MID TERM EXAMINATION (TENTATIVELY 2ND WEEK OF SEPTEMBER)

OCTOBER(13 DAYS)	Company Accounts---Accounting for Share Capital (Details refer from CBSE Curriculum 2025-26)

NOVEMBER (20 DAYS)	Company Accounts---Accounting for Shares & Debentures
	   (Details refer from CBSE Curriculum 2025-26)
	    Project Work.

DECEMBER (21 DAYS)	Sample Paper Practice & Test.

BUSINESS STUDIES   CLASS –XII

Details of the chapters refer from CBSE Curriculum 2025-26

MONTH	CHAPTER TO BE TAUGHT
April (16 days)	NATURE & SIGNIFICANCE OF MANAGEMENT
May (11 days)	PRINCIPLES OF MANAGEMENT contd…
June (08 days)	PRINCIPLES OF MANAGEMENT
July (27 days)	BUSINESS ENVIORNMENT PLANNING ORGANISING contd…
PRE-MID TERM EXAMINATION (TENTATIVELY 4TH WEEK OF JULY)	
August (24 days)	ORGANISING STAFFING DIRECTING
September(23 days)	CONTROLLING.
MID TERM EXAMINATION (TENTATIVELY 2ND WEEK OF SEPTEMBER).	
October (13 days)	FINANCIAL MANAGEMENT FINANCIAL MARKET contd…
November (20 days)	FINANCIAL MARKET MARKETING MANAGEMENT CONSUMER PROTECTION
December (21 days)	PROJECT WORK SAMPLE PAPER DISCUSION & TEST.

Political Science   Class: XII

<u>**Part-A: Contemporary World Politics   Part-B: Politics in India Since Independence**</u>

Month	. Chapter to be Taught	Activity / Project
April (23 days)	1A . The End of Bipolarity 1B.Challenges of Nation Building 2A.Contemporary centres of power	NAM - 1961 to Present
May (17 days)	2B.Era of One Party Dominance. 3A.Contemporary South Asia.	Arab Spring ASEAN
June (8 days)	3B. Pollitics of Planned Development 4A. International Organisation	European Union and Brexit
July (27 days)	4B. India's External Relations 5A. Security in the Contemporary World	BRICS, SAARC
PRE-MID TERM EXAMINATION (TENTATIVELY 4TH WEEK OF JULY)		
August (24 days)	5B. Challenges to and Restoration of Congress System 6A. Environment and Natural Resources	India's Nuclear Policy
September (23 days)	**Revision** **Mid-Term Exam** *(Tentatively from 2nd Week of September*	
October **(22 days)**	6B. The Crisis of Democratic Order 7A. Globalisation	United Nations with focus on Indian candidature in Security Council
November (24 days)	7B. Regional Aspirations 8B.Recent Development in Indian Politics	Partition of India – Theory behind it and its legacy
December (26 days)	Revision Pre-Board	
January	Revision Board Practical	
February	Revision Board Examination	
March	Board Examination	

Note: Download the syllabus from CBSE Academic Website for the session 2025–2026 and follow the chapter-wise detail.

HISTORY   STD: XII

MONTH	No. Of working days &no. Of periods	CHAPTER	ACTIVITY & PROJECT
April	12 pds	Part-I: Theme-1 Bricks, Beads, & Bones (The Harappan Civilisation)	Map based Activity: Important Mature Harappan Sites. Time Line Selection of Project & Introduction to a Project Map based Activity.
	12 pds	Part-II: Theme-5 Through the eyes of Travellers Perceptions of Society (C. tenth to Seventeenth Century)	
May	12 pds	Part-III: Theme-10 Colonialism and The Country side (Exploring Official Archives)	Project: Solution of the final Topic Map practice & Time line.
May	3 pds	Part-I: Theme-02 Kings, Farmers, & Towns (early states & Economies) (c.600 BCE-600 CE) contd...	
June	10 pds	Part-1: Theme-02 Kings, Farmers, & Towns Early states & Economies) (600 BCE-600 CE)	
July	12 pds	Part-II: Theme-6 Bhakti-Stuti Traditions (change in the Religious Beliefs & Devotional Texts) (8th to 18th century)	Project: Preparation of the synopsis & assessment. Map practice & Time line.
July	12 pds	Part-III: Theme-11 Rebels & The Raj (The Revolt of 1857 & its Representations)	
July	6 pds	Part-I: Theme-3 Kinship, Caste, & Class (Early societies) (600 BCE – 600 CE)	
August	6 pds	Part-I: Theme-3 Kinship, Caste, & Class (600 BCE to 600 CE) Completed	Project: Planning, Organization, forming an Action Plan. Map Practice. Time line.
August	13 pds	Part-II: There-7 An Imperial Capital-Vijayanagara (14th to 16th century)	
August	10 pds	Part-III: Theme-13 Mahatma Gandhi & the Nationalist Movement (Civil Disobedience & Beyond) contd...	
September	3 pds	Part-III: Theme-13 Mahatma Gandhi & the Nationalist Movement (completed)	Project: Data Collection. Map Practice Time line
	4 pds	Revision for Mid Term	
September	6 pds	Part-I: Theme-4 Thinkers, Beliefs, & Buildings (cultural developments) (600 BCE – 600 CE) Contd...	

October	7 pds	Part-I: Theme-4 Thinkers, Beliefs, & Buildings (cultural developments) (600 BCE – 600 CE) completed	
October	14 pds	Part-II: Theme-8 Peasants, Zamindars & the State (Agrarian society & the Mughal Empire 16th-17th centuries)	Project: Data interpretation. Review of Related literature.
November	14 pds	Part-III: Theme-15 Framing the Constitution (The Beginning of a New Era)	Project: Content Analysis & interpretation,
	10 pds	Revision for practice test & pre-board examination	Conclusion, Limitations, Bibliography. Presentation of the Project.

NB: *For map activities, Timeline refer the NCERT Textbook & CBSE Curriculum*
For Project Activities, refer the CBSE Curriculum – 2025.

SUBJECT-INFORMATICS PRCTICES(065), CLASS -XII

Month	Chapters to be taught	Practical/Project work
April 2025 (18 Days)	Chapter-1 Python Pandas-1	Practical on Revision of Python Topics covered in Class XI. Programs on pandas Series and DataFrame.
May2025 (11 Days)	Chapter -2 Python Pandas-II	Project work on any topic based on Python as frontend and MySQL as backend. Topics can be- Hotel Management system Library Management System Hospital Management System etc.
June2025 (08 Days)	Chapter-3 Plotting with Pyplot	Given the school result data, analyses the performance of the students on different parameters, e.g subject wise or class wise. Plot appropriate charts with title and legend.
July-2025 (27 Days)	Chapter-4 Importing/Exporting Data between csv files /MySQL and Pandas Chapter-5 My SQL revision Tour	Importing and exporting data between pandas and CSV file
PRE-MID TERM EXAMINATION (TENTATIVELY 4TH WEEK OF JULY)		
August -2025 (24 Days)	Chapter-5 (to be continued) Chapter-6 MySQL Fubctions Chapter-7 Querying using SQL	Create a student table with the student id, name, and marks as attributes where the student id is the primary key. Insert the details of a new student in the above table. Use single row and multi row functions on the table.
September-2025 (23 Days)	Chapter-8 MySQL Joins and SET Operation	Create two tables -empl and dept. Using join extract records from both the tables.
MID TERM EXAMINATION (TENTATIVELY 2ND WEEK OF SEPTEMBER)		
October -2025 (22 Days)	Chapter-9 Introduction to computer networks Chapter-10 Introduction to Internet and web	Complete the project work for Board practical examination.
November -2025 (24 Days)	Chapter-11 Socital Impacts	
December -2025 (26 Days)	1st & 2nd Week: Chapter wise Assessment Test. 3rd & 4th Week: Pre-Board Examination.	Revision of Practical
January (24 Days)	2nd Pre-Board & Board Practical Examination.	Final Practical Examination