

DAV PUBLIC SCHOOL CLASS
CLASS– XI
SUBJECT – ENGLISH SYLLABUS
SUBJECT - ENGLISH

JULY-AUG

- **READING-** Comprehension passage

- **WRITING-**
 - Notice
 - Poster
 - Letter writing- formal.

- **LITERATURE**
 - HORNBILL-**
 - The portrait of a lady
 - Photograph,
 - We are not afraid to die
 - The laburnum top
 - The Ailing Planet: the Green Movement’s Role.

 - SNAPSHOTS-**
 - The summer of the beautiful white horse

UNIT TEST -1 – 20 marks

- The Portrait of a Lady
- Photograph
- We are not afraid to die
- Editing

SEP-OCT

- **WRITING-**
 - Notice
 - Letter
 - Note Making
 - Advertisements
 - Article
 - Speech
 - Debate

➤ **GRAMMAR**

- Rearrange jumbled words/ sentences
- Do as directed
- Editing/Omission

➤ **HORNBILL-**

- Landscape of the soul
- The voice of the rain

➤ **SNAPSHOTS-**

- Albert Einstein at School
- The Address
- The Ranga's marriage

UNIT TEST – 2

- NOTICE/ ADVERTISEMENT/POSTER
- **HORNBILL-**
- The voice of the rain
- The Ailing Planet
- **SNAPSHOTS-**
- The summer of the beautiful white horse ,
- The Address

HALF YEARLY EXAM (SEPTEMBER) – 80 marks

READING SKILLS-

- Note Making
- Unseen Passage

WRITING SKILLS-

- Letter- editor, complaint, enquiry, placing order
- Notice
- Poster Making
- Advertisements

GRAMMAR-

- Do as directed
- Editing
- Rearrange the jumbled words

HORNBILL-

- The portrait of a lady
- Photograph
- We are not afraid to die

- The laburnum top
- The summer of the beautiful white horse
- The Ailing Planet: the Green Movement's Role
- Landscape of the soul
- The voice of the rain
- Discovering tut

SNAPSHOTS –

- Albert Einstein at School
- The Address
- The Ranga's marriage
- The summer of the beautiful white horse

Syllabus done till date

- SECTION A-20
- SECTION B-30
- SECTION C-30
- CONVERSATIONAL SKILLS - Listening and Speaking (10+10=20)

OCTOBER – NOVEMBER

➤ **HORNBILL-**

- Silk Road
- Childhood

➤ **SNAPSHOTS-**

- Mother's Day
- Birth

➤ **READING/WRITING SECTION – Done till date**

DECEMBER – JANUARY

HORNBILL-

- The Browning Version
- The adventure
- Childhood
- Father to son

SNAPSHOTS

- The tale of melon city

UNIT TEST-3 – 20 Marks

➤ **READING/ WRITING SECTION-**

- Letters
- Notice
- Advertisements

➤ **GRAMMAR**

- Editing
- Do as directed

➤ **LITERATURE-**

- Albert Einstein at school
- Mother's Day
- Browning version

FINAL EXAM – 80 marks

- Syllabus done till date

NOTE: Speaking and listening skills will done simultaneously **-20 marks**

ACTIVITIES INCORPORATED -

- Speaking And Listening Skills
- Concept maps
- Vocabulary enrichment through ppts and framing sentences
- Quizzes
- PowerPoint framing of questions

TEACHING TECHNIQUES (Tools)-

- Videos to PowerPoint presentations
- Listening and speaking skills videos
- Concept maps
- Explanation
- Assignment and worksheet

INTERNAL ASSESSMENT

- Assessment of listening skills- 05 marks
- Assessment of speaking skills- 05 marks
- Project work- 10 marks

CLASS XI
MATHEMATICS
2022-2023 PLANNER

- July – August:**
1. Ch 1. Sets
 2. Ch 2. Relations and Functions
 3. Ch12. Introduction to 3-D Geometry
 4. Ch 3. Trigonometry
 5. Ch 5. Complex Numbers
 6. Ch 9 Sequences and Series
 7. Ch 7 Permutations and Combinations

UT 1 (August): Ch 1, 2 and 12

Lab Activities based on above chapters.

Half Yearly Examination (September): (80 Marks)

Chapters: 1, 2, 12, 3, 5, 9 and 7

Practical (20 Marks): File, Viva and Written Exam

October – December:

8. Ch. 8 Binomial Theorem
9. Ch. 10 Straight lines
10. Ch. 11. Conic Section
11. Ch. 15 Statistics
12. Ch 16 Probability
- 13. Ch 13 Limits and Derivatives**

November : UT 2: Ch 8, 10, 11

Practical File: Activities to be done from above chapters.

January: 14. Ch. 6 Linear Inequalities

Class XII : Linear Programming Problem (LPP)

January: UT 3: Ch 15, 16 and 13

Practical (20 Marks): File, Viva and Written Exam (LPP)

Activities Incorporated

1. Practical File Work

Teaching Techniques (Tools)

1. Assignment and Worksheets
2. Explanation
3. PPT
4. Quiz/ Class Test
5. Videos

February – March:

FINAL EXAMINATION: Full Syllabus

Class-XI
Biology Syllabus
2022-23 Planner

July -August

Chapter 1:- The Living World
Chapter 2:- Biological Classification
Chapter 3:- Plant Kingdom
Chapter 4:- Animal Kingdom
Chapter 5:- Morphology of Flowering Plants

Unit Test 1(August)- 20 Marks

Chapter 1, 2 and 3

September-

Chapter 6:- Anatomy of flowering Plants (some part deleted as per CBSE)
Chapter 7:- Structural Organization in Animals (some part deleted as per CBSE)
Chapter 8:- Cell: The Unit of Life
Chapter 9:- Biomolecules

Art Integration Project(PPT on the topic:- Covid19 and human life)

Students are advised to include following points in their project:-

1. Health effects
2. Protective measures to curb the spread
3. Graphical analysis showing effect of disease in different parts of Delhi

Half Yearly(September)- 70 Marks

Chapter 1:- The Living World(deleted as per CBSE)
Chapter 2:- Biological Classification
Chapter 3:- Plant Kingdom (some part deleted as per CBSE)
Chapter 4:- Animal Kingdom
Chapter 5:- Morphology of Flowering Plants (some part deleted as per CBSE)
Chapter 6:- Anatomy of flowering Plants (some part deleted as per CBSE)
Chapter 7:- Structural Organization in Animals (some part deleted as per CBSE)
Chapter 8:- Cell: The Unit of Life
Chapter 9:- Biomolecules

Practicals- 30 Marks:-

Virtual lab practicals- 10 Marks
Presentations- 10 Marks
Practical file- 5 Marks
Oral test cum viva- 5 Marks

October-November

Ch10 to 16

Chapter 17:- Breathing and Exchange of gases

Ch 18

Chapter 19:- Excretory Products and their elimination

Unit Test 2 November- 20 Marks

Chapter 17:- Breathing and Exchange of gases

Chapter 19:- Excretory Products and their elimination

December and January**Ch20 to 21**

Chapter 22:- Chemical Coordination and Integration

Unit -3 January

Ch-ch-20 and 21

February- March

Theory

All the chapters 1to 22

Practicals- 30 Marks:-

Virtual lab practicals- 10 Marks

Presentations- 10 Marks

Practical file- 5 Marks

Oral test cum viva- 5 Marks

SUBJECT – COMPUTER SCIENCE (083)
EXAM PLANNER
CLASS - XI
SESSION – 2022-23

JULY-AUG

THEORY :

Chapter 1	:	Computer System Organization
Chapter 2	:	Data Representation & Boolean Logic
Chapter 13	:	Cyber Safety (Society, Law & Ethics)
Chapter 3	:	Getting Started with Python
Chapter 4	:	Python Programming Fundamentals (Might be partial)

PRACTICAL: Practicals OF Python Basic Programming

⇒ **UNIT TEST 1 (JULY) :- 20 MARKS**

Ch- 1,2,13

SEPTEMBER

THEORY :

Chapter 5	:	Conditional & Looping Constructs
-----------	---	----------------------------------

PRACTICAL: Practice of PROGRAMS OF CH 3,4,5

⇒ **UNIT TEST 2 (AUGUST) :- 20 MARKS**

Ch- 3 to 5

HALF YEARLY EXAM (SEPTEMBER) :- 70 MARKS (TH.)+ 30 MARKS (PR.)

SYLLABUS COVERED TILL 2 WEEK BEFORE EXAMS

OCTOBER – NOVEMBER

THEORY :

Chapter 6	:	Strings in Python
Chapter 7	:	Lists in Python

PRACTICAL : PROGRAMS OF Ch- 6,7

⇒ **UNIT TEST 3 (DECEMBER) :- 20 MARKS**

Ch-6,7,8

DECEMBER – JANUARY

THEORY :

Chapter 8	:	Tuples & Dictionary
Chapter 9	:	Introduction to Python Modules

PRACTICAL : Practice of Python Programming

DEC/JAN : **FINAL PRACTICAL EXAM (30M)**

FEBRUARY- **FINAL THEORY EXAM (70M)**

COMPLETE SYLLABUS

CLASS - XI

CHEMISTRY SYLLABUS

2022-23 PLANNER

April - May

Chapter – 1 Some Basic Concepts of chemistry

Chapter - 2 Structure of atom

July - August

Chapter -3 Classification of elements

Chapter – 5 Chemical Bonding

Chapter 9 Organic principle and techniques

→ Unit Test - 1 (August) - 20 Marks

Chapter – 1 Some basic concepts of chemistry

Chapter – 4 Structure of atom

→ Half Yearly (September) – 70 Marks

● All the chapters covered till now

→ Project Work - 30 Marks

Power point presentation and Quiz

October - November

Chapter – 9 Organic principles and techniques

Chapter -10 Hydrocarbons

Chapter-11 Redox Reactions

. → Unit Test - 3 (December) - 20 Marks

Chapter – 9 Organic principles and techniques

Chapter - 10 Hydrocarbons

December - January

Chapter -13 Thermodynamics

Chapter -14 Equilibrium

→ Final - Exam (February) - 70 Marks

- Whole syllabus

Project Work – 30

Practical work volumetric analysis and salt analysis

Activities Incorporated

1. KALZIUM
2. Case study
3. Concept Map
4. Map Skills
5. Quiz
6. Cross words
7. Powerpoint presentation
8. Framing of Questions

Teaching Technique (Tools)

1. Videos
2. Powerpoint Presentation
3. Quiz/Objective questions
4. Concept Maps
5. KALZIUM
6. Explanation
7. Assignment and Worksheet

CLASS - XI
PHYSICS SYLLABUS
2020-21 PLANNER

JULY- AUGUST

UNIT – 1 UNITS AND MEASUREMENTS

UNIT 2- KINEMATICS

UNIT 3- LAWS OF MOTION

→Unit Test - 1 (July) - 20 Marks

UNIT I -UNITS AND MEASUREMENTS

SEPTEMBER

UNIT 4- WORK ENERGY AND POWER

UNIT 5- MOTION OF SYSTEM OF PARTICLES AND RIGID BODY

EXPERIMENT(SECTION A)

1. TO MEASURE DIAMETER OF A SMALL SPHERICAL/CYLINDRICAL BODY AND TO MEASURE INTERNAL DIAMETER AND DEPTH OF A GIVEN BEAKER/CALORIMETER USING VERNIER CALLIPERS AND HENCEFIND ITS VOLUME.

2. TO MEASURE DIAMETER OF A GIVEN WIRE AND THICKNESS OF A GIVEN SHEET USING SCREWGUAGE.

OR

TO DETERMINE VOLUME OF AN IRREGULAR LAMINA USING SCREW GAUGE.

3. TO FIND THE WEIGHT OF A GIVEN BODY USING PARALLELOGRAM LAW OF VECTORS.

4. USING A SIMPLE PENDULUM, PLOT ITS L-T² GRAPH AND USE IT TO FIND THE EFFECTIVE LENGTH OF SECOND'S PENDULUM.

OR

TO STUDY VARIATION OF TIME PERIOD OF A SIMPLE PENDULUM OF A GIVEN LENGTH BY TAKINGBOBS OF SAME SIZE BUT DIFFERENT MASSES AND INTERPRET THE RESULT.

5. TO STUDY THE RELATIONSHIP BETWEEN FORCE OF LIMITING FRICTION AND NORMAL REACTION ANDTO FIND THE CO- EFFICIENT OF FRICTION BETWEEN A BLOCK AND A HORIZONTAL SURFACE.

OR

TO FIND THE DOWNWARD FORCE, ALONG AN INCLINED PLANE, ACTING ON A ROLLER DUE TOGRAVITATIONAL PULL OF THE EARTH AND STUDY ITS RELATIONSHIP WITH THE ANGLE OF INCLINATION θ BY PLOTTING GRAPH BETWEEN FORCE AND $\sin \theta$.

→Half Yearly (September) - 70 Marks

UNIT 1 - UNITS AND MEASUREMENTS

UNIT 2 - KINEMATICS

UNIT 3 - LAWS OF MOTION

UNIT 4 - WORK ENERGY AND POWER

UNIT 5 - MOTION OF SYSTEM OF PARTICLES AND RIGID BODY

→Practical Work - 30 Marks

October – November

UNIT 6 - GRAVITATION

UNIT 7 - PROPERTIES OF BULK MATTER

UNIT 8 - THERMODYNAMICS

→Unit Test - 2 (NOVEMBER) - 20 Marks

UNIT 2 - GRAVITATION

EXPERIMENT(SECTION B)

1. TO DETERMINE YOUNG'S MODULUS OF ELASTICITY OF THE MATERIAL OF A GIVEN WIRE.

OR

TO FIND THE FORCE CONSTANT OF A HELICAL SPRING BY PLOTTING A GRAPH BETWEEN LOAD AND EXTENSION.

2. TO DETERMINE THE SURFACE TENSION OF WATER BY CAPILLARY RISE METHOD.

OR

TO DETERMINE THE COEFFICIENT OF VISCOSITY OF A GIVEN VISCOUS LIQUID BY MEASURING TERMINAL VELOCITY OF A GIVEN SPHERICAL BODY.

3. TO STUDY THE RELATIONSHIP BETWEEN THE TEMPERATURE OF A HOT BODY AND TIME BY PLOTTING A COOLING CURVE.

4. TO STUDY THE RELATION BETWEEN FREQUENCY AND LENGTH OF A GIVEN WIRE UNDER CONSTANT TENSION USING SONOMETER.

OR

TO STUDY THE RELATION BETWEEN THE LENGTH OF A GIVEN WIRE AND TENSION FOR CONSTANT FREQUENCY USING SONOMETER.

5. TO FIND THE SPEED OF SOUND IN AIR AT ROOM TEMPERATURE USING A RESONANCE TUBE BY TWO RESONANCE POSITIONS.

December - January

UNIT 9 - BEHAVIOUR OF PERFECT GASES AND KINETIC THEORY OF GASES

UNIT 10 - OSCILLATIONS AND WAVES

→Unit Test - 3 (JANUARY) - 20 Marks

UNIT 7 - PROPERTIES OF BULK MATTER

→Final - Exam (February) - 70 Marks

UNIT 1-UNITS AND MEASUREMENTS

UNIT 2- KINEMATICS

UNIT 3- LAWS OF MOTION

UNIT 4- WORK ENERGY AND POWER

UNIT 5- MOTION OF SYSTEM OF PARTICLES AND RIGID BODY

UNIT 6- GRAVITATION

UNIT 7- PROPERTIES OF BULK MATTER

UNIT 8- THERMODYNAMICS

UNIT 6- GRAVITATION

UNIT 7- PROPERTIES OF BULK MATTER

UNIT 9- BEHAVIOUR OF PERFECT GASES AND KINETIC THEORY OF GASES

UNIT 10- OSCILLATIONS AND WAVES

Practical Work - 30 Marks

Activities Incorporated

- Quiz
- Power point presentation
- videos

Teaching Technique (Tools)

- Videos
- Powerpoint Presentation
- Quiz/Objective questions
- Concept Maps
- Explanation
- Assignment and Worksheet

CLASS – XI
ACCOUNTANCY
SYLLABUS
2022-23 PLANNER

JULY

- Chapter - 1 Introduction to Accounting
- Chapter - 2 Basic Accounting Terms
- Chapter – 3 Theory bases of Accounting and IAS
- Chapter – 4 Bases of Accounting
- Chapter – 6 Accounting Procedures- Rules of debit and credit
- Chapter – 7 Origin of Transactions
- Chapter – 8 Journal
- Chapter – 9 Ledger

August

- Chapter – 10 Special Purpose Books I Cash book
- Chapter – 11 Special Purpose Books II Other Books
- Chapter – 12 Bank Reconciliation statement
- Chapter – 13 Trial Balance

→ Unit Test - 1 (August) - 20 Marks →

- Chapter - 1 Introduction to Accounting
- Chapter - 2 Basic Accounting Terms
- Chapter – 3 Theory bases of Accounting and IAS
- Chapter – 5 Accounting Equation
- Chapter – 8 Journal

→ Half Yearly (September) - 80 Marks →

Ch 1- 13

October – November

- Chapter---14 Depreciation
- Chapter – 15 Provisions and Reserves
- Chapter – 17 Rectification of Errors
- Chapter – 18 Financial Statements of sole proprietorship
- Chapter – 19 Adjustments in Preparation of Financial Statements

→ Unit Test - 2 (November) - 20 Marks →

Chapter---14 Depreciation
Chapter – 17 Rectification of Errors
Chapter – 18 Financial Statements of sole proprietorship

December - January

Chapter – 21 Accounts from incomplete Records
Chapter – 22 Computers in Accounting
Accounting software – Tally

Final - Exam (February) - 80 Marks

Chapter - 1 Introduction to Accounting
Chapter - 2 Basic Accounting Terms
Chapter – 3 Theory bases of Accounting and IAS
Chapter – 4 Bases of Accounting
Chapter – 5 Accounting Equation
Chapter – 6 Accounting Procedures- Rules of debit and credit
Chapter – 7 Origin of Transactions
Chapter – 8 Journal
Chapter – 9 Ledger
Chapter – 10 Special Purpose Books I Cash book
Chapter – 11 Special Purpose Books II Other Books
Chapter –12 Bank Reconciliation statement
Chapter – 13 Trial Balance
Chapter – 14 Depreciation
Chapter – 15 Provisions and Reserves
Chapter – 17 Rectification of Errors
Chapter – 18 Financial Statements of sole proprietorship
Chapter – 19 Adjustments in Preparation of Financial Statements
Chapter – 21 Computers in Accounting
Accounting software – Tally

Project Work - 20 Marks

Comprehensive project

Activities Incorporated

1. Crossword Puzzle
2. Powerpoint presentations
3. Role plays
4. Group Presentations

5. Song

Teaching Technique (Tools)

1. Videos
2. Powerpoint Presentation
3. Quiz/Objective questions
4. Concept Maps
5. Explanation
6. Assignment and Worksheet

CLASS XI
BUSINESS STUDIES SYLLABUS
2022-23

JULY-AUG

- Unit 1: Evolution and Fundamentals of Business
- Unit 2: Forms of business organizations
- Unit 3: Public, Private and Multinational Company
- Unit 4: Business Services

UNIT TEST 1 AUG (20M)

- Unit 1: Evolution and Fundamentals of Business
- Unit 2: Forms of Business Organizations

HALF YEARLY SEPTEMBER (80M)

- Unit 1: Evolution and Fundamentals of Business
- Unit 2: Forms of business organizations
- Unit 3: Public, Private and Multinational Company
- Unit 4: Business Services

OCTOBER-NOVEMBER

- Unit 5: Emerging modes of business
- Unit 6: Social Responsibility of Business and Business Ethics

UNIT TEST 2 NOVEMBER (20M)

- Unit 5: Emerging modes of business
- Unit 6: Social Responsibility of Business and Business Ethics

DECEMBER-JANUARY

- Unit 7: Sources of Business Finance
- Unit 8: Small Business and Enterprises
- Unit 9: Internal Trade
- Unit 10: International Trade

UNIT TEST 3 JANUARY (20M)

Unit 7: Sources of Business Finance

Unit 8: Small Business and Enterprises

PROJECT WORK (20M)

Any one project to be undertaken:

Field visit/ Case study/ Aids to trade/ Import- export procedure/ Visit to an emporium

FINAL EXAM FEBRUARY (80M)

Unit 1: Evolution and Fundamentals of Business

Unit 2: Forms of business organisations

Unit 3: Public, Private and Global enterprises

Unit 4: Business Services

Unit 5: Emerging modes of business

Unit 6: Social Responsibility of Business and Business Ethics

Unit 7: Sources of Business Finance

Unit 8: Small Business

Unit 9: Internal Trade

Unit 10: International Trade

ACTIVITIES INCORPORATED

1. Picture analysis
2. Assignments and worksheets
3. Concept Map
4. Quiz
5. Powerpoint presentation
6. Collection of information from various sources like newspaper, internet and presenting through flowchart, collage, newsletter etc.
7. Art integration
8. Case studies analysis

TEACHING TECHNIQUES (TOOLS)

1. Youtube Videos
2. Cutouts from newspaper, internet, website
3. Quiz/Objective type questions
4. Concept Maps
5. Games
6. Explanation
7. Case studies
8. Acronyms
9. Corporate stories

Class XI (2022-23)

ECONOMICS

JULY-AUGUST

Micro Economics

Unit 1 - Introduction

Unit 2 – Consumer Behaviour & Demand

Statistics

Ch 1 - Introduction to Statistics

Ch 2 – Collection of Data

Ch 3 – Organisation of Data

Ch 4 – Presentation of Data

UNIT-2 20 MARKS (Aug)

Micro Economics

Unit 1 Introduction

STATISTICS

Ch 1 Introduction

Ch 2 Collection of data

SEPTEMBER

HALF YEARLY EXAM

Statistics – Ch 1 to 4

Micro Economics – Unit 1,2.

OCTOBER-NOVEMBER

Statistics

Ch 5 – Measures of Central Tendency

Micro Economics

Unit 3 – Producer behaviour and supply

Unit test 2 (20 marks)

NOV

Micro economics

Unit 3 Producer behaviour and Supply

DECEMBER-JANUARY

Statistics

Ch 7 – Correlation

Ch 8 – Index Number

Micro economics

Unit 4 – Forms of market

Unit test 3 (Jan)

Statistics

Ch 7 Correlation

Micro Economics

Forms of market

Practical Exam 20 Marks in Dec or Jan

Final Exam 80 Marks in Feb

TEACHING TECHNIQUES

***Mind maps**

***Assignment and Worksheets**

***Audio recordings**

***Videos**

ACTIVITIES

***Graphical Presentation**

***Quiz**

***Framing of Questions**

***Cartoon making**

CLASS - XI
GEOGRAPHY SYLLABUS
2022-23 PLANNER

JULY -AUGUST

❖ **BOOK - 1**

- **Chapter - 1** : Geography As Discipline
- **Chapter - 2** : Origin and Evolution Of The Earth
- **Chapter - 3** : Interior Of The Earth
- **Chapter – 4** : Distribution Of Oceans and Continents
- **Chapter – 5** : Minerals And Rocks
- **Chapter – 6** : Geomorphic Processes
- **Chapter – 7** : Landforms and their Evolution -

→ **Unit Test - 1 (AUGUST) - 20 Marks**

- **Chapter - 1** : Geography As Discipline
- **Chapter - 2** : Origin and Evolution Of The Earth
- **Chapter - 3** : Interior Of The Earth

 **PRACTICAL**

- **Chapter – 1** : Introduction To Maps
- **Chapter – 2** : Map Scale

→ **HALF YEARLY (SEPTEMBER) - 80 MARKS**

ENTIRE SYLLABUS COVERED TILL AUGUST

OCTOBER – NOVEMBER

❖ **BOOK – 1**

Chapter – 8 : Compositions and Structure of Atmosphere

Chapter – 9 : Solar radiation, Heat balance and Temperature

Chapter – 10 : Atmospheric circulation and weather system -

Chapter – 11 : Water in the Atmosphere

Chapter – 12 : World Climate and Climate change

Chapter – 13 : Water (Ocean)

Chapter – 14 : Movement of Ocean Water

❖ **BOOK - 2**

- **Chapter – 4** : Climate
- **Chapter – 5** : Natural Vegetation
- **Chapter – 6** : Soils

✚ **PRACTICAL**

- **Chapter – 3** : Latitude , Longitude and Time
- **Chapter – 4** : Map Projections
- **Chapter – 5** : Topographical Maps

→ **UNIT TEST - 2 (NOVEMBER) - 20 MARKS**

- **Chapter – 11** : Water in the Atmosphere
- **Chapter – 5** : Natural Vegetation
- **Chapter – 4** : Climate
- **Chapter – 6** : Soils

DECEMBER – JANUARY

❖ **BOOK – 1**

- **Chapter – 15** : Life on the Earth
- **Chapter – 16** : Biodiversity and Conservation

❖ **BOOK – 2**

- **Chapter – 7** : Natural Hazards and Disaster
 ✚ **PRACTICAL**
- **Chapter – 6** : Introduction to Aerial photographs
- **Chapter – 7** : Introduction to Remote Sensing
- **Chapter – 8** : Weather Instruments, Maps and Charts

→ **UNIT TEST - 3 (JANUARY) - 20 MARKS**

- **Chapter – 15** : Life on the Earth
- **Chapter – 16** : Biodiversity and Conservation

FINAL - EXAM (FEBRUARY) - 80 MARKS

❖ **BOOK – 1**

- **Chapter – 1** : Geography As Discipline
- **Chapter – 2** : Origin and Evolution Of The Earth
- **Chapter – 3** : Interior Of The Earth
- **Chapter – 4** : Distribution Of Oceans and Continents
- **Chapter – 5** : Minerals And Rocks
- **Chapter – 6** : Geomorphic Processes
- **Chapter – 7** : Landforms and their Evolution -
- **Chapter – 8** : Compositions and Structure of Atmosphere
- **Chapter – 9** : Solar radiation, Heat balance and Temperature
- **Chapter – 10** : Atmospheric circulation and weather system -
- **Chapter – 11** : Water in the Atmosphere
- **Chapter – 12** : World Climate and Climate change
- **Chapter – 13** : Water (Ocean)
- **Chapter – 14** : Movement of Ocean Water

❖ **BOOK – 2**

- **Chapter 1** - India - Location
- **Chapter 2** – Structure and Physiography
- **Chapter 3** - Drainage System
- **Chapter 4** – Climate
- **Chapter 5** - Natural Vegetation

➤ **Chapter 6 – Soils**

 **PRACTICAL**

- **Chapter – 1** : Introduction To Maps
- **Chapter – 2** : Map Scale
- **Chapter – 3** : Latitude , Longitude and Time
- **Chapter – 4** : Map Projections
- **Chapter – 5** : Topographical Maps
- **Chapter – 6** : Introduction to Aerial photographs
- **Chapter – 7** : Introduction to Remote Sensing
- **Chapter – 8** : Weather Instruments, Maps and Charts

✓ **ACTIVITIES INCORPORATED**

1. Concept Map
2. Map Skills
3. Quiz
4. Power Point
5. Framing of Questions

✓ **TEACHING TECHNIQUE (TOOLS)**

1. Quiz / Objective questions
2. Concept Maps

CLASS - XI
HISTORY SYLLABUS
2022-23 PLANNER

JULY

Chapter - 1 From the Beginning of time.

Chapter - 2 Writing and City life.

Chapter - 3 An Empire Across three continents.

→ **Unit Test - 1 (July) - 20 Marks**

Chapter - 1 From the Beginning of time.

Chapter - 2 Writing and City life.

August

Chapter - 4 The Central Islamic Lands.

Chapter - 5 Nomadic Empire.

Chapter - 6 The Three Orders.

Chapter - 7 Changing Cultural Traditions.

→ **Unit Test - 2 (August) - 20 Marks**

Chapter - 4 The Central Islamic Lands.

Chapter - 6 The Three Orders.

→ **Half Yearly (September) - 80 Marks**

- Chapter - 2 Writing and City life.
- Chapter - 3 An Empire Across three continents.
- Chapter - 4 The Central Islamic Lands.
- Chapter - 6 The Three Orders.
- Chapter - 7 Changing Cultural Traditions.

→ **Project Work - 20 Marks**

Delhi - Sikkim (Ek Bharat Shresth Bharat)

October - November

Chapter - 8 Confrontation of Cultures.

Chapter - 9 The Industrial Revolution.

Chapter - 10 Displaying Indigenous People.

→ **Unit Test - 3 (December) - 20 Marks**

Chapter - 9 The Industrial Revolution.

Chapter - 10 Displaying Indigenous People.

December - January

Chapter - 11 Paths of Modernisation.

→ **Final - Exam (February) - 80 Marks**

- Chapter - 2 Writing and City life.
- Chapter - 3 An Empire Across three continents.
- Chapter - 4 The Central Islamic Lands.
- .Chapter - 6 The Three Orders.
- Chapter - 7 Changing Cultural Traditions.
- Chapter - 9 The Industrial Revolution.
- Chapter - 10 Displaying Indigenous People.
- Chapter - 11 Paths of Modernisation.

Project Work - 20 Marks

Powerpoint Presentation on any one topic from class - XI History Book.

Activities Incorporated

1. Jamboard
2. Timeline on Padlet
3. Concept Map
4. Map Skills
5. Quiz
6. Google earth slide
7. Powerpoint
8. Framing of Questions

Teaching Technique (Tools)

1. Videos
2. Powerpoint Presentation
3. Quiz/Objective questions
4. Concept Maps
5. Jamboard
6. Explanation 7. Assignment and Worksheet

CLASS – XI Political Science
Syllabus
2022-23 PLANNER

July- August (Book 1)

- **Chapter 1** - Constitution : Why and How, Philosophy of the Constitution
- **Chapter 2** - Rights and Duties in the Indian Constitution (Merged with Chapter 1 as per C.B.S.E.)
- **Chapter 3** - Election and Representation

July – August (Book 1)

- **Chapter 4** - The Executive
- **Chapter 5** - The Legislature
- **Chapter 6** - The judiciary
- **Chapter 7** - Federalism
- **Chapter 8** - Local Governments
- **Chapter 9** – Constitution as a living document (Merged with Chapter 1 as per C.B.S.E.)

→ Unit Test - 1 August - 20 Marks

- **Chapter 4** - The Executive
- **Chapter 5** – The Legislature

→ September (Half Yearly Exam) – 80 Marks

- **Chapter 1** - Constitution
- **Chapter 2&3** – Election and Representation

- **Chapter 4** - Executive
- **Chapter 5** - legislature
- **Chapter 6** – judiciary
- Chapter7 - federalism
- Chapter 8- local government

→Project 20 Marks (Topics Allotted)

October – November (Book 2)

- **Chapter 1** – Political Theory : An introduction
- **Chapter 2** - Freedom
- **Chapter 3** - Equality
- **Chapter 4** – Justice

→ Unit Test - 2 November - 20 Marks

- **Chapter 6** -judiciary

- **Chapter 7- federalism**

December – January (Book 2)

- **Chapter 5 - Rights**
- **Chapter 6 – Citizenship**
- **Chapter 7 – Nationalism**
- **Chapter 8 – Secularism**

Unit Test - 3 (Jan)) - 20 Marks
Chapter 3 - Equality
Chapter 4 – Justice

Final Examination

(Book 1)

- **Chapter 1 - Constitution**
- **Chapter 2&3– Election and Representation**

- **Chapter 4 - legislature**
- **Chapter 5 - executive**
- **Chapter 6 – judiciary**
- **Chapter 7- federalism**
- **Chapter 8- local government**

(Book 2)

- **Chapter 1 – Political Theory : An introduction**
- **Chapter 2 - Freedom**
- **Chapter 3 - Equality**
- **Chapter 4 – Justice**
- **Chapter 5 – Rights**
- **Chapter 6 - citizenship**
- **Chapter 7- nationalism**
- **Chapter 8- secularism**

Activities Incorporated

1. Jamboard
2. Timeline on Padlet
3. Concept Map
4. Map Skills
5. Quiz
6. Google earth slide
7. PowerPoint
8. Framing of Questions

Teaching Technique (Tools)

1. Videos
2. PowerPoint Presentation
3. Quiz/Objective questions, Mentimeter & Google Forms
4. Concept Maps
5. Jamboard & Socrates
6. Explanation
7. Assignment and Worksheet

Syllabus (2022-23)

subject - Commercial Art

Class- 11th

April - May /Unit-I

Chapter number 1-

Prehistoric Rock painting

Chapter number 2-

Art of Indus valley.

Practical -line drawing with black poster colour ,color wheel color mixing ,colour tone.

July -August /unit -II

Chapter number 3- The art during Maurya, sunga, Kushan and Gupta period. Chapter number 4-

The art of Ajanta caves.

Practical- Composition with colour tones, still- life with colour tone, five human drawing and animal drawing.

October - November /unit-III

Chapter number 5- Artistic aspect of Indian temple sculpture.

Chapter number 6- Indian bronze sculpture.

Chapter number 7 - Some artistic aspects of Indo Islamic architecture .

Practical - 5 poster and illustration.

November- December

Chapter number 8 - Indian traditional art Madhubani and Warli painting.

Practical- 5 poster and illustration and all File artwork done.

CLASS XI
HOME SCIENCE PLANNER
SESSION 2022-23

JULY

Chapter - 1 Introduction to Home Science Chapter -
3 Food, Nutrition, Health and Fitness
Chapter - 4 Management of Resources

PRACTICALS

- List and discuss 4-5 areas of agreement and disagreement with
 - *Mother
 - *Father
 - *Siblings\Friends
 - *Teacher
- Preparation of different healthy snacks for an adolescent suitable in her\his context

- **→Unit Test - 1 (August)**
20Marks
- Chapter 3- Food, Nutrition, Health and Fitness
- Chapter 4 Management of Resources

August

Chapter - 5 Fabrics Around Us
Chapter - 6 Media and Communication Technology
Chapter –10 Concerns and Needs in Diverse Context

- A: Nutrition health and Hygiene
- C: Resource Availability and Management

Chapter – 2 Understanding the Self

- A: What makes me I
- B: Development & Characteristics of the self
- C: Influences on Identity

PRACTICALS

- a. Record own diet for a day
- b. Evaluate qualitatively for adequacy
- Relationship of fibre properties to their usage:
 - Thermal property and flammability
 - Moisture absorbency and comfort
- a. Analyze label of any one garment with respect to clarity, fibre content, size and care instructions.
 - Prepare one care label of any garment
 - Analyze two different fabric samples for colour fastness.

• **→Half Yearly (September) - 70 Marks**

Chapter - 5 Fabrics Around Us

Chapter - 6 Media and Communication

Technology

Chapter –10 Concerns and Needs in Diverse

Contexts

A: Nutrition health and Hygiene

C: Resource Availability and

Management

Chapter – 2 Understanding the Self

A: What makes me I

B: Development & Characteristics of the self

C: Influences on Identity

Chapter – 1 Introduction to Home Science

Chapter – 3 Food, Nutrition, Health and

Fitness

October - November

Chapter – 11 Survival, Growth and Development

Chapter – 12 Nutrition, Health and Well-Being.

Chapter – 15 Health and Wellness.

Unit Test - 2 (November) - 20 Marks

Chapter – 11 Survival, Growth and Development.

Chapter – 12 Nutrition, Health and Well-Being.

December – January

Chapter – 14 Our Apparel.

Chapter – 16 Financial Management and Planning.

Chapter – 17 Care and Maintenance of Fabrics

Unit Test - 3 (January) - 20 Marks

Chapter – 14 Our Apparel.

Chapter – 16 Financial Management and Planning.

· **→Final - Exam (February) - 70 Marks**

Chapter – 2 Understanding the
SelfA: What makes me I
B: Development & Characteristics of the
selfC: Influences on Identity

Chapter - 3 Food, Nutrition, Health and

FitnessChapter - 4 Management of
Resources

Chapter - 5 Fabrics Around Us

Chapter - 6 Media and Communication

Technology Chapter –10 Concerns and Needs in
Diverse Contexts

A: Nutrition health and Hygiene

C: Resource Availability and Management

Chapter – 11 Survival , Growth and
Development.

Chapter – 12 Nutrition, Health and Well-
Being.

Chapter – 14 Our Apparel.

Chapter – 15 Health and
Wellness.

Chapter – 16 Financial Management and
Planning.

Chapter – 17 Care and Maintenance of Fabrics

DAV PUBLIC SCHOOL (ASHOK VIHAR)

Outline Syllabus Of the Year (2022-2023) Class- XI

HINDUSTANI CLASSICAL – (VOCAL) 034 (XI)

APRIL – MAY (2022)

A . THEORY

Defination of the following : Naad , lay , Swar , Saptak .

Writing in the tala Notation : Dadra taal , Kherwa taal .

B . PRATICAL

Raga Bhimpalasi , One Raag based Bhajan , Reptation of the Thekas , Dadrataal , Kherwataal , One folk song , Knowledge of the structure and tuning of Tanpura.

CLASS TEST – 20MARKS At regular Intervals

HOLIDAY HOME WORK - Make a collage on A-3 size of the Indian Classical Musicians , Write at least 10 Quatations on Music and write one life sketch of the Indian classical musician (Miyam Tansen or V.N Bhatkande)

UNIT TEST (1) 30MARKS COURSE FROM BOTH A&B JULY – AUGUST (2020)

C . THEORY

Defination of the following : Thaata , taal , dhrupad , shruti , Jati

Writing in Taal Notation : Ek Taal , Teen Taal , Brief knowledge of gharnas , description of any one raga

from syllabus .

Life sketch : Miyan Tansen , pt V.D phusker , Tarank Khayal , Importance of music in our social life .

D . PRATICAL

One Drut Khayal , Raga Bhairavi , One dhrupad with dugun , Chaugun , Recitation of the Thekas of : Ek taal , Teen taal

Writing in Notation Of the composition of the raga

CLASS TEST – 20MARKS AT REGULAR INTERVALS

UNIT TEST (2) 30MARKS COURSE FROM C&D

TERM 2

SEPTEMBER (2020)

**HALF YEARLY EXAM (100) MARKS
COMPLETE COURSE FROM A,B,C&D**

OCTOBER – NOVEMBER (2020)

E . THEORY

Defination of the following : Dhvani , swar – Malika , Raga , Sangeet , Nihaddha & Anibadh

gava Description of the Ragas : BhairviRaga

Writing in taal Notation : Sultala , Chautala

Life sketch : Pt V.N. Bhathkande

Brief study of Musical demands in natyashastra

F . PRATICAL

One Drut Khayal : Raga Bihag , Tribal song (one)

Recitation of the Thekas : Sultala , chautala .

Writing in Notation the composition of the Ragas .

Ability to recognize the prescribed raga from the passage of the swaras rendered .

UNIT TEST (3) 40MARKS COURSE FROM E&F . DECEMBER –

JANUARY : FINAL PRACTICAL EXAM (70MARKS) FEBRUARY

– FINAL EXAM (30MARKS)

COMPLETE COURSE FROM – A,B,C,D,E & F

Syllabus

Class-XI

Physical Education

2022-23 planner

April-may

Chapter-1 Changing trends and career in physical

Education Chapter-2 Olympic value education

Chapter-3 Physical fitness,wellness and

lifestyle UT test-1 july (20 marks)

Chapter-1

Chapter-2

July-August

Chapter-4 Physical Education and sports for CWSN

Chapter-5 Yoga

Chapter-6 Physical activity and leadership

training Chapter-9 Psychology and sports

Unit test-2 August (20 marks)

Chapter-3

Chapter-4

Half yearly exams September (70 marks)

Chapter-1,2,3,4,5,6 and 9

Project work (30 marks)

Practical

Viva

Complete file work

UT-3 (20 marks)

Chapter-5

Chapter-6

December and January

Chapter-7 Test, Measurement and Evaluation

Chapter-8 Fundamentals of Anatomy, Physiology and Kinesiology in

sports Chapter-10 Training and Doping in sports

Final Exam

All syllabus chapter-1 to 10

Project work - 30 marks

Teaching Techniques (tools)

Book

Videos

Quiz/Objective questions

Explanation

Assignment

CLASS - XI
TEXTILE DESIGN
SYLLABUS 2022-23
PLANNER

JULY

UNIT- 1 Overview of Textile Industries and Textile Fibres

- ♦ The major Textile Production Segments in India. Sources of Fabrics.
- ♦ Classification of Textile Fibers according to origin and chemical composition; Essential Properties and Performances of Textile Materials like Aesthetic, Durability, Comfort, Safety and Care and Maintenance Properties.
- ♦ Properties of Cotton, Flax, Hemp, Jute.
- ♦ Properties of Silk, Wool, Mohair and Other Natural Fibers.
- ♦ Properties of Viscose Rayon, Lyocell, Acetate.
- ♦ Properties of Polyester, Nylon, Acrylic, Spandex.

PRACTICALS

1. To determine the chemical nature of fibres by burning test.
2. To determine the variation in staple lengths of natural fibres.
3. To determine the yarn fineness using direct count system.
4. To determine the yarn fineness using indirect count system.
5. To convert yarn fineness from direct count system into indirect count system .
6. To determine the twist direction in yarn.
7. To determine the twist per unit length of a yarn.
8. To determine the difference between a staple fibre yarn and a filament yarn.

→ **Unit Test - 1 (AUGUST) - 20 Marks**

UNIT- 1 Overview of Textile Industries and Textile Fibres

August

UNIT- 2 Textile Spinning and Yarn

- ♦ Classification of Yarns; Spun Yarn Production Process; Carded and Combed Yarns; Wollen and Worsted Yarns; Mono Filament and Multi Filament Yarns.
- ♦ Yarn Numbering Systems; Cotton Count, Metric Count, Denier, Tex and Deci-Tex. Single and Plied Yarns; Yarn Twist; Amount of Twist and Direction of Twist.
- ♦ Textured Yarns; Core spun yarn; Novelty and Fancy Yarns; Blended Yarns; Sewing threads.

EMPLOYABILITY SKILLS

UNIT- 1 Communication Skills

Unit 1: Communication Skills	
Session 1:	Introduction to Communication
Session 2:	Verbal Communication
Session 3:	Non-verbal Communication
Session 4:	Pronunciation Basics
Session 5:	Communication Styles — Assertiveness
Session 6:	Saying No — Refusal Skills
Session 7:	Writing Skills — Parts of Speech
Session 8:	Writing Skills — Sentences
Session 9:	Greetings and Introduction
Session 10:	Talking about Self
Session 11:	Asking Questions
Session 12:	Talking about Family
Session 13:	Describing Habits and Routines
Session 14:	Asking for Directions

UNIT-2 Self- Management Skills

Unit 2: Self-management Skills	
Session 1:	Strength and Weakness Analysis
Session 2:	Grooming
Session 3:	Personal Hygiene
Session 4:	Team Work
Session 5:	Networking Skills
Session 6:	Self-motivation
Session 7:	Goal Setting
Session 8:	Time Management

PRACTICALS

9. To differentiate between a single staple fibre yarn and a plied staple fibre yarn.
10. To measure the thread density in different kind of fabrics and compare according to end uses.
11. To identify possible end uses of woven, knitted and non- woven fabrics.
12. To analyze the design of different fabric samples.
13. To visit a fabric store and survey the various woven fabrics on display and note the wide variety of fabrics and possible end uses.

→ **Half Yearly (September) - 70 Marks**

UNIT- 1 Overview of Textile Industries and Textile Fibres

UNIT- 2 Textile Spinning and Yarn

EMPLOYABILITY SKILLS

UNIT- 1 Communication Skills

UNIT-2 Self- Management Skills

October – November

Unit- 3 Textile Weaving and Woven Fabrics

EMPLOYABILITY SKILLS

Unit- 3 Information and Communication Technology Skills

Unit 3: Information and Communication Technology Skills	
Session 1:	Introduction to ICT
Session 2:	Basic Interface of LibreOffice Writer
Session 3:	Saving, Closing, Opening and Printing Document
Session 4:	Formatting Text in a Word Document
Session 5:	Checking Spelling and Grammar

Unit- 4 Entrepreneurial Skills

Session 1:	Introduction to Entrepreneurship
Session 2:	Values of an Entrepreneur
Session 3:	Attitude of an Entrepreneur
Session 4:	Thinking Like an Entrepreneur
Session 5:	Coming Up with a Business Idea
Session 6:	Understanding the Market
Session 7:	Business Planning

→ **Unit Test - 2(November) - 20 Marks**

Unit- 3 Textile Weaving and Woven Fabrics

EMPLOYABILITY SKILLS

Unit- 3 Information and Communication Technology Skills

PRACTICALS

14. To find the fabric thickness of different fabrics.
15. To source different non- woven fabrics from the market physically and evaluate their possible end uses.
16. To prepare a flowchart for weaving or knitting process in the industry.
17. To estimate the drape of various fabrics.

December – January

Unit – 4 Other Forms of Textiles

EMPLOYABILITY SKILLS

Unit -5 Green Skills

Session 1:	Sectors of Green Economy
Session 2:	Policies for a Green Economy
Session 3:	Stakeholders in Green Economy
Session 4:	Government and Private Agencies

Unit Test - 2(November) - 20 Marks

Unit – 4 Other Forms of Textiles

Unit- 4 Entrepreneurial Skills

→ Final Exam (February) - 60 Marks

UNIT- 1 Overview of Textile Industries and Textile Fibres

UNIT- 2 Textile Spinning and Yarn

UNIT- 3 Textile Weaving and Woven Fabrics

Unit – 4 Other Forms of Textiles

EMPLOYABILITY SKILLS

UNIT- 1 Communication Skills

UNIT-2 Self- Management Skills

UNIT- 3 Information and Communication Technology Skills

UNIT- 4 Entrepreneurial Skills

UNIT -5 Green Skills