

DELHI PUBLIC SCHOOL, JALANDHAR



SYLLABUS BREAK UP

CLASS – X

SUBJECT – ENGLISH

SESSION – 2021-22

Term - I

S. NO	Literature	Reading Skills	Writing Skills	Grammar
1	<u>FIRST FLIGHT</u> A Letter to God Two Stories about Flying(I,II) From the Diary of Anne Frank The Hundred Dresses-I The Hundred Dresses-II Nelson Mandela: Long Walk to Freedom	Reading Passages- Discursive and Case based factual passage	Letter Writing- Editor Business/Official Letter Writing- (Complaint)	Determiners S-V Concord Modals Tenses Reported Speech (Commands, Requests, Statements, Questions)
2	<u>POEMS</u> Dust of Snow Fire and Ice The Ball Poem A Tiger in the Zoo			
3	<u>Footprints Without Feet</u> A Triumph of Surgery The Thief's Story Footprints without Feet			

Term - II

S. NO	Literature	Reading Skills	Writing Skills	Grammar
1	<u>FIRST FLIGHT</u> The Sermon at Benares The Proposal Glimpses of India(I,II,III) Madam Rides the Bus	Reading Passages- Discursive and Case based factual passage	Analytical Paragraph Formal Letter Writing based on a given situation- (Enquiry, Order)	Tenses Determiners S-V Concord Modals Reported Speech (Commands, Requests, Statements, Questions)
2	<u>POEMS</u> Amanda Animals The Tale of Custard the Dragon			
3	<u>Footprints Without Feet</u> The Making of a Scientist The Necklace The Hack Driver Bholi			

Note: ASL and Subject-enrichment activities would be integral part of assessment.

DELHI PUBLIC SCHOOL, JALANDHAR

SYLLABUS BREAK UP

CLASS – X

SUBJECT – HINDI (II LANGUAGE)

SESSION – 2021-22



पाठ्य पुस्तक- स्पर्श भाग -2
संचयन भाग-2

S.NO	TERM I
1	अपठित गद्यांश
2	पदबंध
3	रचना के आधार पर वाक्य रूपांतरण
4	समास
5.	मुहावरे
6.	कबीर - साखी
7.	मीरा - पद
8.	बड़े भाई साहब
9.	ततारा-वामीरो कथा
10.	अब कहाँ दूसरों के दुख से दुखी होने वाले

S.NO	TERM II
1	मनुष्यता
2	पर्वत प्रदेश में पावस
3	कर चले हम फिदा
4	पतझर में टूटी पत्तियाँ: (ii) झेन की दैन
5	कारतूस
6	हरिहर काका
7	सपनों के से दिन
8	टोपी शुक्ला
9	अनुच्छेद लेखन
10	औपचारिक पत्र लेखन
11	सूचना लेखन
12	विज्ञापन लेखन
13	लघु कथा लेखन

DELHI PUBLIC SCHOOL, JALANDHAR

SYLLABUS BREAK UP

CLASS – X

SUBJECT – PUNJABI (II LANGUAGE)

SESSION – 2021-22



Term - I	
ਪਾਠ-ਪੁਸਤਕ	ਵਿਆਕਰਨ
1. ਸ਼ਬਦ-ਸੋ ਕਿਉਂ ਮੰਦਾ ਆਖੀਐ	1. ਅਣਡਿੱਠਾ ਪੈਰਾ
2. ਸ਼ਬਦ-ਕਿਰਪਾ ਕਰ ਕੈ ਬਖਸਿ ਲੈਹੁ	2. ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ
3. ਵਾਰਤਕ-ਘਰ ਦਾ ਪਿਆਰ	3. ਸਮਾਸੀ ਸ਼ਬਦ
4. ਵਾਰਤਕ-ਬੋਲੀ	4. ਬਹੁ-ਅਰਥਕ ਸ਼ਬਦ
5. ਕਹਾਣੀ- ਕੁਲਫੀ	5. ਮੁਹਾਵਰੇ (ਕ ਤੋਂ ਘ)
6. ਇਕਾਂਗੀ- ਜਫਰਨਾਮਾ	

Term - II	
ਪਾਠ-ਪੁਸਤਕ	ਵਿਆਕਰਨ
1. ਸ਼ਬਦ-ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ	1. ਲੇਖ (ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਤੇ ਆਮ ਵਿਸ਼ੇ)
2. ਸ਼ਬਦ-ਸਤਿਗੁਰ ਨਾਨਕ ਪ੍ਰਗਟਿਆ	2. ਪੱਤਰ(ਨਿੱਜੀ ਤੇ ਦਫਤਰੀ)
3. ਵਾਰਤਕ-ਪ੍ਰਾਰਥਨਾ	3. ਅਗੇਤਰ-ਪਿਛੇਤਰ
4. ਵਾਰਤਕ-ਮੇਰੇ ਵੱਡੇ ਵਡੇਰੇ	4. ਮੁਹਾਵਰੇ(ਚ ਤੋਂ ਝ ਤੱਕ)
5. ਕਹਾਣੀ-ਅੰਗ-ਸੰਗ	
6. ਇਕਾਂਗੀ-ਦੂਜਾ ਵਿਆਹ	

DELHI PUBLIC SCHOOL, JALANDHAR

SYLLABUS BREAK UP

CLASS – X

SUBJECT – MATHEMATICS

SESSION – 2021-22



Book: Textbook of Mathematics by NCERT

S.NO	TERM I
	Chapter Number & Name
1	Chapter 1: Real Numbers
2	Chapter 2: Polynomials
3	Chapter 3: Pair of linear Equations in two variables
4	Chapter 6: Triangles
5	Chapter 7: Coordinate Geometry
6	Chapter 8: Introduction to Trigonometry
7	Chapter 12: Area related to circles
8	Chapter 15: Probability

S.NO	TERM II
	Chapter Number & Name
1	Chapter 4: Quadratic equations
2	Chapter 5: Arithmetic Progression
3	Chapter 9: Some Applications of Trigonometry
4	Chapter 10: Circles
5	Chapter 11: Constructions
6	Chapter 13: Surface Areas and Volumes
7	Chapter 14: Statistics

DELHI PUBLIC SCHOOL, JALANDHAR

SYLLABUS BREAK UP

CLASS – X

SUBJECT – SCIENCE

SESSION – 2021-22



Book: Text Book of SCIENCE NCERT CLASS X

S.NO	TERM I Chapter Number & Name
Physics	
1	Chapter 10 - Light
2	Chapter 11- Human Eye And Colourful World
3	Practicals: 1. To find the focal length of a concave mirror 2. To trace the path of light through a rectangular glass slab. 3. To determine the focal length of convex lens. 4. To trace the path of the rays of light through a glass prism.
Chemistry	
1	Chapter 1,2 and 3 Chapter -1 Chemical reactions and equations
2	Chapter – 2 Acids, Bases and Salts
3	Chapter – 3 Metals and non – metals
4	Experiment 1: Chapter -1 Performing and observing the following reactions and classifying them into: A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions.
5	Experiment 2: Chapter -2 A. Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate

Biology	
1	Chapter 6 - Life Processes
2	Practical: Experimentally show that carbon dioxide is given out during respiration. (Chapter 6)

S.NO	TERM II Chapter Number & Name
Physics	
1	Chapter 12 - Electricity
2	Chapter 13 - Magnetic Effects Of Electric Current
3	Practicals: 1. To study the dependence of potential difference V across a resistor on the current I passing through it and determine its resistance. Also ,plot a graph between V and I.
Chemistry	
1	Chapter – 4 Carbon and its compounds
2	Chapter – 5 Periodic classification of elements
Biology	
1	Chapter 15 - Our Environment
2	Chapter 8 - How do Organisms Reproduce?
3	Chapter 9 - Heredity
4	Practical: Studying (a) binary fission in <i>Amoeba</i> , and (b) budding in yeast and Hydra with the help of prepared slides. (Chapter 8)

DELHI PUBLIC SCHOOL, JALANDHAR

SYLLABUS BREAK UP

CLASS – X

SUBJECT – SOCIAL SCIENCE

SESSION – 2021-22



Book: History-India and the Contemporary World II
Geography-Contemporary India II
Civics-Democratic Politics-II
Economics-Understanding Economic Development

S.NO	TERM I Chapter Number & Name
History:	
1	Chapter 1 - The Rise of nationalism in Europe
Geography:	
2	Chapter 1 - Resources and Development
3	Chapter 4 - Agriculture
Civics:	
4	Chapter 1 - Power Sharing
5	Chapter 2 - Federalism
Economics	
6	Chapter 1 - Development
7	Chapter 2 - Sectors of Economy

S.NO	TERM II Chapter Number & Name
History:	
1	Chapter 2 - Nationalism in India
Geography:	
2	Chapter 6 - Manufacturing Industries
3	Chapter 7 - Lifelines of National Economy
Civics:	
4	Chapter 6 - Political Parties
5	Chapter 7 - Outcomes of democracy
Economics	
6	Chapter 3 - Money and Credit
7	Chapter 4 - Globalisation

DELHI PUBLIC SCHOOL, JALANDHAR

SYLLABUS BREAK UP

CLASS – X

SUBJECT – COMPUTER

SESSION – 2021-22



S.NO	TERM I Chapter Number & Name
1	Chapter 1: GETTING ACQUAINTED WITH PYTHON
2	Chapter 2: INSTALLING PYTHON
3	Chapter 3: INTERACTING WITH PYTHON
4	Chapter 4:PYTHON SYNTAX <i>Related Python programs</i>
5	Chapter 5:VARIABLE AND DATA TYPE IN PYTHON
6	Chapter 6:BASIC OPERATORS <i>Related Python programs</i>
7	Chapter 7:CONDITIONAL STATEMENTS <i>Related Python programs</i>

S.NO	TERM II Chapter Number & Name
1	Chapter 8 :BUILT-IN-FUNCTIONS <i>Related Python programs</i>
2	Chapter 9: LOOPING <i>Related Python programs</i>
3	Chapter 10:USER DEFINED FUNCTIONS <i>Related Python programs</i>

DELHI PUBLIC SCHOOL, JALANDHAR

SYLLABUS BREAK UP

CLASS – X

SUBJECT – ARTIFICIAL INTELLIGENCE

SESSION – 2021-22



S.NO	TERM I Chapter Number & Name
EMPLOYABILITY SKILLS	
1	Chapter 1. Methods of Communication
2	Chapter 2. Communication Cycle
3	Chapter 3. Communication Barriers
4	Chapter 4. Effective Communication
5	Chapter 5. Basic Writing Skills
6	Chapter 6. Stress management and its Techniques
7	Chapter 7. Ability to work independently
8	Chapter 8. Operating System
9	Chapter 9. Managing Files and Folder
10	Chapter 10 Care and maintenance of a Computer
SUBJECT SPECIFIC SKILLS	
11	Unit 1: Introduction to Artificial Intelligence (AI)
12	Unit 2: AI Project Cycle
13	Unit 3: Advance Python

S.NO	TERM II Chapter Number & Name
EMPLOYABILITY SKILLS	
1	Chapter 11. Entrepreneur and Entrepreneurship
2	Chapter 12. Sustainable Development
SUBJECT SPECIFIC SKILLS	
3	Unit 4: Data Science
4	Unit 5: Computer Vision
5	Unit 6: Natural Language Processing
6	Unit 7: Evaluation

DELHI PUBLIC SCHOOL, JALANDHAR

SYLLABUS BREAK UP

CLASS – X

SUBJECT – INFORMATION TECHNOLOGY

SESSION – 2021-22



S.NO	TERM I
	Chapter Number & Name
EMPLOYABILITY SKILLS	
1	Chapter 1. Methods of Communication
2	Chapter 2. Communication Cycle
3	Chapter 3. Communication Barriers
4	Chapter 4. Effective Communication
5	Chapter 5. Basic Writing Skills
6	Chapter 6. Stress management and its Techniques
7	Chapter 7. Ability to work independently
8	Chapter 8. Operating System
9	Chapter 9. Managing Files and Folders
10	Chapter 10 Care and maintenance of a Computer
SUBJECT SPECIFIC SKILLS	
11	Chapter 1. Applying Styles in a document
12	Chapter 2. Adding graphics in a document
13	Chapter 3. Working with templates
14	Chapter 4. Using a Table of Contents
15	Chapter 5. Using Mail Merge
16	Chapter 6. Analysing Data in a Spreadsheet
17	Chapter 7. Linking Data and Spreadsheets
18	Chapter 8. Sharing and Reviewing a spreadsheet
19	Chapter 9. Using Macros in a Spreadsheet
20	Chapter 10. Concepts of Database Management System
21	Chapter 11. Creating and Using Tables

S.NO	TERM II Chapter Number & Name
EMPLOYABILITY SKILLS	
1	Chapter 11. Entrepreneur and Entrepreneurship
2	Chapter 12. Sustainable Development
SUBJECT SPECIFIC SKILLS	
3	Chapter 12. Performing Operations on Tables
4	Chapter 13. Retrieving Data Using Queries
5	Chapter 14. Working with Forms and Reports
6	Chapter 15. Working with Accessibility Options
7	Chapter 16. Networking Fundamentals
8	Chapter 17. Introduction to Instant Messaging
9	Chapter 18. Chatting using Google Hangouts
10	Chapter 19. Creating and Publishing Blogs
11	Chapter 20. Using offline Blog Editors
12	Chapter 21. Online Transactions
13	Chapter 22. Internet Security
14	Chapter 23. Importance of Workplace Safety
15	Chapter 24. Preventing Accidents and Emergencies
16	Chapter 25. Protecting Health and Safety at Work