



DELHI PUBLIC SCHOOL (JOKA) SOUTH KOLKATA

Session 2021-2022

English Syllabus- Class-X

Weekly Test I

1. Reading Comprehension (Unseen Passage)

2. Writing Skill

- Formal Letter

3. Grammar

- Tenses (Past, Present and Future)
- Determiners

4. Literature:

First Flight

- A Letter to God
- Dust of Snow
- Fire and Ice
- Nelson Mandela: Long Walk to Freedom
- A Tiger in the Zoo
- Two Stories about Flying
- How to Tell Wild Animals

Footprints Without Feet

- A Triumph of Surgery

- The Thief's Story

Weekly Test II

1. Reading Comprehension (Unseen Passage)

2. Writing Skills

- Formal Letter
- Analytical paragraph

3. Grammar

- Reported Speech (Commands and requests, Statements, Questions)
- Modals

4. Literature

First Flight

- The Ball Poem
- From the Diary of Anne Frank
- Amanda
- The Hundred Dresses-I
- The Hundred Dresses-II
- Animals
- The Trees

Footprints Without Feet

- The Midnight Visitor
- A Question of Trust

Mid Term Examination

1. Reading Comprehension (Unseen Passages)

2. Writing Skills

- Formal Letter
- Analytical Paragraph

3. Grammar

- Tenses (Past, Present and Future)
- Determiners
- Reported Speech (Commands and requests, statements, questions)
- Modals
- Subject- Verb Concord

4.Literature

First Flight

- A Letter to God
- Dust of Snow
- Fire and Ice
- Nelson Mandela: Long Walk to Freedom
- A Tiger in the Zoo
- Two Stories about Flying
- How To Tell Wild Animals
- The Ball Poem
- From the Diary of Anne Frank
- Amanda
- The Hundred Dresses-I
- The Hundred Dresses-II
- Animals
- The Trees
- Glimpses of India

Footprints Without Feet

- A Triumph of Surgery
- The Thief's Story
- The Midnight Visitor
- A Question of Trust
- Footprints Without Feet
- The Making of a Scientist

Assessment of Listening and Speaking Skills

Tools: Preparation of Scripts for Role Play.

Pre-Board Examination

1. Reading Comprehension (Unseen Passages)

2. Writing Skills

- Formal Letter
- Analytical Paragraph

3. Grammar

- Tenses (Past, Present and Future)
- Modals
- Subject- Verb Concord
- Reported Speech (Commands and requests, Statements, Questions)
- Determiners
- Use of Passive Voice
- Clauses: Noun, Adverb Clause of Condition and time, relative clauses
- Prepositions

4. Literature

First Flight

- A Letter to God
- Dust of Snow
- Fire and Ice
- Nelson Mandela: Long Walk to Freedom
- A Tiger in the Zoo
- Two Stories about Flying
- How To Tell Wild Animals
- From the Diary of Anne Frank
- The Ball Poem
- Amanda
- The Hundred Dresses-I
- The Hundred Dresses-II
- Animals
- Glimpses of India
- The Trees

- Mijbil The Otter
- Fog
- Madam Rides the Bus
- The Tale of Custard the Dragon
- The Sermon at Benaras
- For Anne Gregory
- The Proposal

Footprints Without Feet

- A Triumph of Surgery
- The Thief's Story
- The Midnight Visitor
- A Question of Trust
- Footprints Without Feet
- The Making of a Scientist
- The Necklace
- The Hack Driver
- Bholi
- The Book That Saved The Earth

Assessment of Listening and Speaking Skills

Tools: Synopsis of Five Acclaimed Stories. (The students may choose stories on their own volition. The choice of stories is to be based on three Indian authors and two foreign authors)



DELHI PUBLIC SCHOOL(JOKA), SOUTH KOLKATA

MATHEMATICS

Syllabus For Class-X

SESSION: 2021-2022

WEEKLY TEST I:

1. Real Numbers
2. Polynomials
3. Pair of linear equation in two variables
4. Circles
5. Surface Areas and Volumes

WEEKLY TEST II:

1. Quadratic Equations
2. Coordinate Geometry
3. Introduction to Trigonometry
4. Probability

MIDTERM EXAMINATION:

1. Real Numbers
2. Polynomials
3. Pair of linear equation in two variables
4. Quadratic Equations
5. **Triangles**
6. Coordinate Geometry
7. Introduction to Trigonometry
8. Circles
9. **Constructions**
10. **Areas Related to Circles**
11. Surface Areas and Volumes
12. Probability

ANNUAL EXAMINATION:

1. Real Numbers
2. Polynomials
3. Pair of linear equation in two variables
4. Quadratic Equations
5. **Arithmetic Progression**
6. Triangles
7. Coordinate Geometry
8. Introduction to Trigonometry
9. **Some Applications Of Trigonometry**
10. Circles
11. Constructions
12. Areas Related to Circles
13. Surface Areas and Volumes
14. **Statistics**
15. Probability

***IN CBSE CLASS-X EXAMINATION THE ENTIRE SYLLABUS WILL BE ASSESSED. ***



Delhi Public School, (Joka) South Kolkata

Syllabus for the Year 2021-2022

Class- X

Subject- Science

Weekly Test –I

Physics

- 1- Electricity
- 2- Magnetic Effect Of Electric Current

(Practical 1: Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.

Practical 2: Determination of the equivalent resistance of two resistors when connected in series and parallel.)

Chemistry

- 1- Chemical Reactions and Equations

(Practical 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 quick lime
 - (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.)

- 2- Periodic Classification of Elements

Biology

1. Life processes

(Practical 1: Preparing a temporary mount of a leaf peel to show stomata.

Practical2: Experimentally show that carbon dioxide is given out during respiration.)

- 2.Our Environment

Weekly Test –II

Physics

- 1- Sources Of Energy

Chemistry

- 1- Acids, Bases and Salts

(Practical 1: Finding the pH of the following samples by using pH paper / universal indicator:

- a) Dilute Hydrochloric Acid
- b) Dilute NaOH solution
- c) Dilute Ethanoic Acid Solution
- d) Lemon juice
- e) Water
- f) Dilute Hydrogen Carbonate solution)

(Practical 2: 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. Control And Coordination

Half Yearly Exam

Physics

- 1- Electricity
- 2-Magnetic effect of electric current
- 3-Sources Of Energy
- 4-Reflection Of Light

Chemistry

- 1-Chemical Reactions and Equations
- 2-Acids, Bases and Salts
- 3-Periodic Classification of elements
- 4-Metals and Non-Metals

(Practical 1: Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions :

- a) ZnSO_4 (aq)
- b) FeSO_4 (aq)
- c) CuSO_4 (aq)
- d) $\text{Al}_2(\text{SO}_4)_3$ (aq)

Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.)

Biology

1. How Do Organisms Reproduce?

(Practical 1: Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean
Practical 2: Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.)

- 2.Life processes
- 3.Control And Coordination

4. Our Environment

Practice Exam

Physics

- 1- Electricity
- 2- Magnetic effect of electric current
- 3- Sources Of Energy
- 4- Reflection Of Light
- 5- Refraction Of Light

(Practical 1: Determination of the focal length of : i) Concave mirror, ii) Convex lens by obtaining the image of a distant object.

Practical 2: Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.

Practical 3: Tracing the path of the rays of light through a glass prism.

Practical 4: Finding the image distance for varying object distances in case of a convex lens and drawing corresponding ray diagrams to show the nature of image formed.)

- 6- The Human Eye And The Colourful World

Chemistry

1. Chemical Reactions and Equations
2. Acids, Bases and Salts
3. Metals and Non-Metals
4. Carbon And Its Compounds
5. Periodic classification of elements

(Practical 1: Study of the following properties of acetic acid (ethanoic acid) :

- i) odour
- ii) solubility in water
- iii) effect on litmus
- iv) reaction with sodium Hydrogen Carbonate

(Practical 2: Study of the comparative cleaning capacity of a sample of soap in soft and hard water.)

Biology

1. Heredity and Evolution
2. Management Of Natural Resources
3. Life processes
4. Control And Coordination
5. How Do Organisms Reproduce?
6. Our Environment



DELHI PUBLIC SCHOOL(JOKA), SOUTH KOLKATA

SYLLABUS FOR THE SESSION-2021-22

SOCIAL SCIENCE

CLASS-X

1st weekly test

History

- Ch 1-The Rise of Nationalism in Europe

Civics

- Ch 1-Power sharing
- Ch 2-Federalism

- **Ch-5- PROJECT ON SOCIAL PROBLEMS THAT LED TO POPULAR UPRISING EITHER IN BOLIVIA OR NEPAL**

Geography

- Ch-1 Resource and development
- Ch -2 Forest and Wildlife (The theoretical aspect to be assessed in the Periodic Tests only and will not be evaluated in board examination)

Economics

- Ch-1 Development
- Ch- 3 Money and Credit

Art Integrated Project on West Bengal vs Ladakh

2nd weekly test

History

- Ch 3-Nationalism in India

Map pointing from the chapter

Civics

- Ch 4-Gender, Caste and Religion

Geography

- Ch-3 Water Resources (The theoretical aspect to be assessed in the Periodic Tests only and will not be evaluated in board examination. However, the map items of this chapter as given in the Map List will be evaluated in Board Examination)
- Ch-4 Agriculture

Economics

- Ch-2 Sectors of the Indian Economy
- Subject Enrichment: Collage making on different News clippings of Consumer Court Verdicts/Consumer awareness/Advertisements.

Mid-Term

History

- Ch 1- The Rise of Nationalism in Europe
- Ch 3- Nationalism in India

Map pointing from chapter 3

Civics

- Ch 1-Power sharing
- Ch 2-Federalism
- Ch 4-Gender, Religion and Caste
- Ch 6- Political Parties

Geography

- Ch-1 Resource and development
- Ch -2 Forest and Wildlife
- Ch-3 Water Resources
- Ch-4 Agriculture
- Ch- 5 Minerals and energy resources

Economics

- Ch-1 Development
- Ch-2 Sectors of Indian economy
- Ch- 3 Money and Credit

Map work as per CBSE guidelines

Pre-Board Examination

As per CBSE guidelines

History

- Ch 1-The Rise of Nationalism in Europe
- Ch 3-Nationalism in India
- Ch 5-The Age of Industrialisation
- Ch 7-Print Culture and the Modern World

Map pointing from chapter 3

Civics

- Ch 1-Power Sharing
- Ch 2-Federalism
- Ch 4- Gender, Religion and Caste
- Ch 6-Political Parties
- Ch 7-Outcomes of Democracy

Geography

- Ch-1 Resource and development
- Ch -2 Forest and Wildlife
- Ch-3 Water Resources
- Ch-4 Agriculture
- Ch- 5 Minerals and energy resources
- Ch -6 Manufacturing Industries
- Ch 7 Lifelines of National Economy

Economics

- Ch-1 Development
- Ch-2 Sectors of Indian economy
- Ch- 3 Money and Credit

- Ch 4 Globalization and the Indian Economy

Maps to be done as per CBSE guidelines

CHAPTERS FOR INTERNAL ASSESSMENT ONLY

CIVICS

- Ch 3-Democracy and Diversity
- Ch 8-Challenges to Democracy





DELHI PUBLIC SCHOOL (JOKA) SOUTH KOLKATA

BENGALI 2nd LANGUAGE SYLLABUS (2021-2022)

CLASS-X

Proposed Syllabus for Weekly Test First Round

সাহিত্য : তিন পাহাড়ের কোলে .(পদ্য), জ্ঞানচক্ষু (গদ্য)।

সহায়ক পাঠ : শিলাদিত্য।

ব্যাকরণ : ব্যঞ্জন সন্ধি, সাধু চলিত।

নির্মিতি : অনুচ্ছেদ রচনা , বোধপরীক্ষণ।

Proposed Syllabus for Weekly Test Second Round

সাহিত্য : আলোবাবু (গদ্য), একাকারে (পদ্য)।

সহায়ক পাঠ : গোধ ।

ব্যাকরণ : বাক্য পরিবর্তন।

নির্মিতি : পত্ররচনা (ব্যক্তিগত) , বোধপরীক্ষণ।

Proposed Syllabus for Mid Term Examination

সাহিত্য : জ্ঞানচক্ষু .(গদ্য), তিন পাহাড়ের কোলে .(পদ্য), আলোবাবু .(গদ্য)

আয় আরো বেঁধে বেঁধে থাকি.(পদ্য), একাকারে .(পদ্য), বহুরূপী (গদ্য)।

সহায়ক পাঠ : শিলাদিত্য ,গোহ।

ব্যাকরণ : ব্যঞ্জন সন্ধি ,বিসর্গ সন্ধি , বাক্য পরিবর্তন, সাধু চলিত।

নির্মিতি : পত্ররচনা(ব্যক্তিগত) ,অনুচ্ছেদ রচনা .বোধপরীক্ষণ।

SUBJECT ENRICHMENT : শ্রবণ দর্শন ভিত্তিক দক্ষতা।

PORTFOLIO : সাধু-চলিত, ব্যঞ্জনসন্ধি।

Proposed Syllabus for Weekly Test Third Round

সাহিত্য : অদল বদল (গদ্য), অস্ত্রের বিরুদ্ধে গান .(পদ্য)।

সহায়ক পাঠ : বাপ্পাদিত্য।

ব্যাকরণ : সমাস (দ্বন্দ্ব, অব্যয়ীভাব, কর্মধারয়)।

নির্মিতি : অনুচ্ছেদ রচনা ,পত্ররচনা ,বোধ পরীক্ষণ।

Proposed Syllabus for Pre –Board and FinalTermExamination

সাহিত্য : জ্ঞানচক্ষু (গদ্য), অদল বদল (গদ্য), বহুরূপী (গদ্য), আলোবাবু (গদ্য),

তিন পাহাড়ের কোলে (পদ্য), অস্ত্রের বিরুদ্ধে গান(পদ্য), আয় আরো বেঁধে বেঁধে থাকি(পদ্য),

একাকারে (পদ্য)।

সহায়ক পাঠ : শিলাদিত্য ,গোহ,বাপ্পাদিত্য।

ব্যাকরণ : ব্যঞ্জন সন্ধি ,বিসর্গ সন্ধি , সমাস (দ্বন্দ্ব ,কর্মধারয় ,অব্যয়ীভাব), বাক্য পরিবর্তন (সরল ,জটিল ,যৌগিক), সাধু ও চলিত রীতি।

নির্মিতি : অনুচ্ছেদ রচনা ,পত্ররচনা (ব্যক্তিগত) ,বোধ পরীক্ষণ।

SUBJECT ENRICHMENT : শ্রবণ দর্শন ভিত্তিক দক্ষতা।

PORTFOLIO : রবীন্দ্রনাথ ঠাকুর/ আশাপূর্ণা দেবী / বনফুল / সুবোধ ঘোষ।



DELHI PUBLIC SCHOOL (JOKA) , SOUTH KOLKATA

SYLLABUS (2021-22)

CLASS – X

HINDI(2ND LANGUAGE)

WEEKLY TEST – I

स्पर्श- बड़े भाई साहब, डायरी का एक पन्ना , साखी, पद

व्याकरण- शब्द व पद , समास , पत्र , अनुच्छेद

WEEKLY TEST - II

स्पर्श - दोहे , पर्वत प्रदेश में पावस , ततार्रा वामीरो कथा , अब कहाँ दूसरों के दुख में दुखी होने वाले

व्याकरण- अलंकार , मुहावरें , सूचना , विज्ञापन लेखन

MID-TERM EXAMINATION

स्पर्श - तोप , पतझर में टूटी पत्तियाँ , बड़े भाई साहब , डायरी का एक पन्ना , साखी , पद , दोहे , पर्वत प्रदेश में पावस , ततार्रा वामीरो कथा , अब कहाँ दूसरों के दुख में दुखी होने वाले

संचयन - हरिहर काका , सपनों के से दिन

व्याकरण- शब्द व पद , रचना के आधार पर वाक्य के भेद , समास , अलंकार , मुहावरें , अनुच्छेद लेखन , पत्र लेखन , सूचना , विज्ञापन लेखन , लघु कथा लेखन

ACTIVITY- नाट्य रचानान्तरण, परियोजना कार्य , वाद-विवाद , श्रवण तथा वाचन

PRE-BOARDEXAMINATION -

स्पर्श- मनुष्यता , कारतूस , आत्म त्राण , कर चले हम फिदा, पतझर में टूटी पत्तियाँ , तोप , बड़े भाई साहब , डायरी का एक पन्ना , साखी , पद , दोहे , पर्वत प्रदेश में पावस , ततारा वामीरो कथा , अब कहाँ दूसरों के दुख में दुखी होने वाले

संचयन- टोपी शुक्ला , हरि हर काका , सपनों के से दिन

व्याकरण- शब्द व पद , रचना के आधार पर वाक्य के भेद , समास , अलंकार , मुहावरें , अनुच्छेद लेखन , पत्र लेखन , सूचना , विज्ञापन लेखन , लघु कथा लेखन

(FULL SULLABUS AS PER C.B.S.E CURRICULAM)

**** IN CBSE CLASS -X EXAMINATION THE ENTIRE YEAR'S SYLLABUS WILL BE ASSESSED.**



DELHI PUBLIC SCHOOL (JOKA) SOUTH KOLKATA

COMPUTER SYLLABUS [2021-2022]

CLASS X

<u>MID TERM EXAMINATION</u>	Chapter No. 2. Self-Management Skills - II Chapter No. 6. Web Applications (Basics) Chapter No. 8. Spreadsheet (Intermediate) Chapter No. 9. Digital Presentation (Intermediate)
<u>ANNUAL EXAMINATION</u>	Chapter No. 3. Information and Communication Technology Skills-1 Chapter No. 7. Word Processing (Intermediate) Chapter No. 10. Email-Messaging Chapter No. 11. Data Base Development (Basics)