



DELHI PUBLIC SCHOOL TAPI, SURAT

CLASS IX SYLLABUS



Note:

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ENGLISH SYLLABUS

PRE-MID TERM EXAMINATION:

- **SECTION A:** Unseen Comprehension (Prose/Poetry)
- **SECTION B:** Informal Letter on a situation, Descriptive Paragraph (person/place/event/diary entry) Tenses, Modals
- **SECTION C: Beehive:** The Fun They Had, The Road Not Taken, The Sound Of Music, Wind, The Little Girl, Rain on the Roof
- **Moments:** The Lost Child, The adventures of Toto, Ishwaran the Story teller
- **Assessment of Speaking and Listening (ASL)**

MID TERM EXAMINATION: (In addition to previous syllabus)

- **SECTION A:** Unseen Comprehension (Prose/Poetry)
- **SECTION B:** Passive Voice, Subject Verb Agreement, Reported Speech, Descriptive Paragraph (person/place/event/diary entry)
- **SECTION C: Beehive:** A Truly Beautiful Mind, The Snake and the Mirror, My Childhood, The lake Isle of Innisfree, A Legend of the Northland,
- **Moments:** In the kingdom of Fools, The Happy Prince
- **Assessment of Speaking and Listening (ASL)**

POST MID TERM EXAM: (In addition to previous syllabus)

- **SECTION A:** Unseen Comprehension (Prose/Poetry)
- **SECTION B:** Clauses, Informal Letter on a situation
- **SECTION C: Beehive:** No Men are Foreign, Reach for the Top, On Killing a Tree
- **Moments:** The Last Leaf, A House Is Not a Home
- **Assessment of Speaking and Listening (ASL)**

FINAL EXAM: (In addition to previous syllabus)

- **SECTION A:** Unseen Comprehension (Prose/Poetry)
- **SECTION B:** Determiners, Prepositions, Informal Letter on a situation, Descriptive Paragraph (person/place/event/diary entry)
- **SECTION C: Beehive:** Kathmandu, If I Were You, A Slumber Did My Spirit Steal
- **Moments:** The Beggar
- **Assessment of Speaking and Listening (ASL)**

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HINDI SYLLABUS

PRE MID TERM EXAM:

- **SECTION A:** अपठित गद्यांश
- **SECTION B:** व्याकरण - शब्द और पद, अनुस्वार-अनुनासिक, उपसर्ग- प्रत्यय, स्वर संधि, विराम चिह्न, अर्थ की दृष्टि से वाक्य भेद
- **SECTION C:** स्पर्श भाग 1 - रैदास के पद, दुख का अधिकार
संचयन भाग 1 - गिल्लू
- **SECTION D:** रचनात्मक लेखन - अनुच्छेद लेखन, पत्र लेखन (अनौपचारिक पत्र), चित्र वर्णन, संवाद लेखन
- **Assessment of Speaking and Listening (ASL)**

MID TERM EXAM: (In addition to previous)

- **SECTION A:** अपठित गद्यांश
- **SECTION B:** व्याकरण - शब्द और पद, अनुस्वार-अनुनासिक, उपसर्ग- प्रत्यय, स्वर संधि, विराम चिह्न, अर्थ की दृष्टि से वाक्य भेद
- **SECTION C:** स्पर्श भाग 1- रहीम के दोहे, एवरेस्ट: मेरी शिखर यात्रा, तुम कब जाओगे अतिथि, गीत-अगीत
संचयन भाग 1 - स्मृति
- **SECTION D:** रचनात्मक लेखन - अनुच्छेद लेखन, पत्र लेखन (अनौपचारिक पत्र), चित्र वर्णन, संवाद लेखन
- **Assessment of Speaking and Listening (ASL)**

POST MID TERM EXAM: (In addition to previous)

- **SECTION A:** अपठित गद्यांश
- **SECTION B:** व्याकरण - शब्द और पद, अनुस्वार-अनुनासिक, उपसर्ग- प्रत्यय, स्वर संधि, विराम चिह्न, अर्थ की दृष्टि से वाक्य भेद
- **SECTION C:** स्पर्श भाग 1- वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन्, अग्नि पथ
संचयन भाग 1- कल्लू कुम्हार की उनाकोटी
- **SECTION D:** रचनात्मक लेखन - अनुच्छेद लेखन, पत्र लेखन (अनौपचारिक पत्र), चित्र वर्णन, संवाद लेखन
- **Assessment of Speaking and Listening (ASL)**

Contd..



DELHI PUBLIC SCHOOL TAPI, SURAT

CLASS IX SYLLABUS



FINAL TERM EXAM: (In addition to previous)

- **SECTION A:** अपठित गद्यांश
- **SECTION B:** व्याकरण - शब्द और पद, अनुस्वार-अनुनासिक, उपसर्ग- प्रत्यय, स्वर संधि, विराम चिह्न, अर्थ की दृष्टि से वाक्य भेद
- **SECTION C:** स्पर्श भाग 1- शुक्रतारे के समान, नए इलाके में-खुशबू रचते हैं हाथ
संचयनभाग 1 - मेरा छोटा- सा निजी पुस्तकालय
- **SECTION D:** रचनात्मक लेखन - अनुच्छेद लेखन, पत्र लेखन (अनौपचारिक पत्र), चित्र वर्णन, संवाद लेखन
- **Assessment of Speaking and Listening (ASL)**

Contd..



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MATHS SYLLABUS

PRE MID TERM EXAM

UNITS: Number system, Polynomials, Coordinate geometry, Introduction to Euclid's geometry

LAB WORK:

- To carry out the following paper folding activities: the mid point of a line segment, the perpendicular bisector of a line segment, the bisector of an angle, the perpendicular to a line from a point given outside it, the perpendicular to a line at a point given on the line, the median of a triangle.
- To carry out the following activities using a geo-board: Find the area of any triangle, find the area of any polygon by completing the rectangles, obtain a square on a given line segment, given an area, obtain different polygons of the same area.
- To verify the identities $a^3 - b^3 = (a - b)(a^2 + ab + b^2)$, $a^3 + b^3 = (a + b)(a^2 - ab + b^2)$, $(a + b)^3 = a^3 + b^3 + 3ab(a + b)$, $(a - b)^3 = a^3 - b^3 - 3ab(a - b)$ for simple cases using a set of unit cubes.
- To locate $\sqrt{3}$ on the number line.
- To construct 'square root spiral'.

MID TERM EXAM (In addition to previous syllabus)

UNITS: Linear equations in two variables, Lines and angles, Triangles, Quadrilaterals

LAB WORK:

- To verify the mid-point theorem for a triangle.
- To interpret geometrically the factors of a quadratic expression of the type $x^2 + bx + c$, using square grids, strips and paper slips.
- To obtain mirror images of figures with respect to a given line on a graph paper.
- To explore the similarities and differences in the properties with respect to diagonals of the following quadrilaterals – a parallelogram, a square, a rectangle and a rhombus.
- To explore the similarities and differences in the properties with respect to diagonals of the following quadrilaterals – a parallelogram, a square, a rectangle and a rhombus.

POST MID TERM EXAM (In addition to previous syllabus)

UNITS: Heron's formula, Circles

LAB WORK:

- To give a suggestive demonstration of the formula that the area of a circle is half the product of its circumference and radius. (Using formula for the area of triangle)

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DELHI PUBLIC SCHOOL TAPI, SURAT

CLASS IX SYLLABUS



FINAL TERM EXAM (In addition to previous syllabus)

• **UNITS:** Surface area and volume, Statistics

• **LAB WORK:**

- To verify that angle on a semi-circle is 90° .
- To verify that the angles on same segment are equal.
- To verify that angles subtended at the centre is double the angles subtended at any point on the circle by the same chord.

Contd.



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SCIENCE SYLLABUS

PRE-MID TERM EXAM:

- **UNITS:** Improvement in Food Resources, Matter in Our Surroundings, Motion, Force and laws of motion
- **PRACTICALS:**
 - To determine the melting point of ice and the boiling point of water

MID TERM EXAM: (In addition to previous syllabus)

- **UNITS:** Is Matter Around Us Pure?, The Fundamental Unit of Life, Gravitation
- **PRACTICALS:**
 - To prepare stained temporary mounts of (a) onion peel and (b) human cheek cells and to record observations and draw their labelled diagrams.
 - To identify parenchyma, Collenchyma and sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibres and nerve cells in animals, from prepared slides. Draw their labelled diagrams.
 - To prepare
 - a true solution of common salt, sugar and alum
 - a suspension of soil, chalk powder and fine sand in water
 - a colloidal of starch in water and egg albumin in water and distinguish between these on the basis of transparency, filtration criterion and stability.
 - To prepare a) a mixture b) a compound using iron filings and Sulphur powder and distinguish between these on the basis of:
 - appearance i.e., homogeneity and heterogeneity
 - behaviour towards a magnet
 - behaviour towards carbon disulphide as a solvent.
 - effect of heat.
 - To carry out the following reactions and classify them as physical or chemical changes.
 - Iron with copper sulphate solution in water.
 - Burning of magnesium in air.
 - Zinc with dilute sulphuric acid
 - Heating of copper sulphate
 - Sodium sulphate with barium chloride in the form of their solutions in water.
 - To determine the density of solid by using spring balance and measuring cylinder.
 - To establish the relation between the loss in weight of a solid when fully immersed in
 - tap water
 - saturated salty water



DELHI PUBLIC SCHOOL TAPI, SURAT

CLASS IX SYLLABUS



POST MID TERM EXAM: (In addition to previous syllabus)

- **UNITS:** Atoms and Molecules, Tissues, Work and Energy
- **PRACTICALS:**
 - To verify the law of conservation of mass in a chemical reaction.

FINAL TERM EXAM: (In addition to previous syllabus)

- **UNITS:** Structure of Atoms, Sound
- **PRACTICALS:**
 - To verify laws of reflection of sound.
 - To determine the velocity of a pulse propagated through a stretched string/slinky.

Contd.



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SOCIAL SCIENCES SYLLABUS

PRE MID TERM EXAM:

- **HISTORY:** French Revolution
- **GEOGRAPHY:** India: Size and Location, Physical Features of India
- **POLITICAL SCIENCE:** What Is Democracy? Why Democracy?
- **ECONOMICS:** The Story of Village Palampur
- (Project + Map)

MID TERM EXAM: (In addition to previous syllabus)

- **HISTORY:** Socialism in Europe and the Russian Revolution , Nazism and the Rise of Hitler
- **GEOGRAPHY:** Drainage
- **POLITICAL SCIENCE:** Constitutional Design
- **ECONOMICS:** People As Resource
- (Project + Map+ Parliament)

POST MID TERM EXAM: (In addition to previous syllabus)

- **HISTORY:** Forest Society and Colonialism
- **GEOGRAPHY:** Climate
- **POLITICAL SCIENCE:** The Working of Institutions, Electoral Politics
- **ECONOMICS:** Poverty As A Challenge
- (Project+ Map +MUN)

FINAL TERM EXAM: (In addition to previous syllabus)

- **HISTORY:** Pastoralists in the Modern World
- **GEOGRAPHY:** Natural Vegetation And Wild Life, Population
- **POLITICAL SCIENCE:** Democratic Right
- **ECONOMICS:** Food Security in India
- (Project + Map)



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FINANCIAL LITERACY SYLLABUS

Term-I:

Part – A Employability Skills

- Unit- 1: Communication Skills-1
- Unit-2: Self- Management Skills-1
- Unit- 3: ICT skills-1
- Unit- 4: Self- Entrepreneurial Skills-1

Part – B Specific Skills

- Unit- 1: Money- What it is.
- Unit-2: Money Exchange Systems
- Unit -3: Key Characteristics of Money.
- Unit- 4: What is Financial Planning.
- Unit-5: What is income
- Unit -6: What is Expenses.

Term-II:

Part – A Employability Skills

- Unit- 5: Green Skills -1

Part – B Specific Skills

- Unit- 7: What is Bank.
- Unit-8: Why Save
- Unit -9: Setting Goals.
- Unit-10: Systematic Saving & Investments.
- Unit- 11: Making a Budget



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CLASS IX SYLLABUS



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INFORMATION TECHNOLOGY SYLLABUS

TERM-I

1. Introduction to IT-ITeS Industry
 - Information Technology
 - IT Enabled Services
 - Information System in Enterprise Careers in IT and ITeS
2. Data Entry and Keyboarding Skills
 - Keyboard and Mouse Skills
 - Typing: The Skill of Using a Keyboard
3. Digital Documentation in LibreOffice
 - Digital Documents
 - Formatting a Document
 - Table and Mail Merge

TERM -II

1. Electronic Spreadsheet with Formula and Function in Calc
 - About LibreOffice Calc
 - Formatting Worksheet
 - Number Formats
 - Introduction to Formula
 - Functions in Calc
 - Worksheet
 - Charts in Calc
 - Printing a Worksheet
2. Digital Presentation with Tables, Images and Slide Master in Impress
 - Introduction
 - About LibreOffice Impress
 - Saving a Presentation
 - Working with Slides
 - Changing Views
 - Formatting Text and Applying Animation
 - Printing a Presentation
 - Inserting Tables in a Slide
 - Inserting and Formatting an Image
 - Managing Graphic Objects
 - Working with Slide Masters



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CLASS IX SYLLABUS



3. Safety and Security in Cyber World

- What is Cyber Safety?
- Why is Cyber Safety Important?
- Types of Cyber Attacks
- Effects of Cyber Attacks
- Cyber Safety Tips
- Conclusion
