



**DELHI PUBLIC SCHOOL**

**Steel Township, Rourkela**

(Under the aegis of the Delhi Public School Society, New Delhi)



# **SPLIT-UP SYLLABUS 2026-2027**

**CLASS - XII**



**SCIENCE STREAM**

# SCIENCE STREAM(CLASS XII)

<b>DELHI PUBLIC SCHOOL STEEL TOWNSHIP, ROURKELA</b>		
<b>ACADEMIC SESSION - 2026-2027</b>		
CLASS:	XII	
SUBJECT:	ENGLISH	
<i>MONTH</i>	<i>NO. OF WORKING DAYS</i>	<i>TOPICS TO BE COVERED</i>
APRIL, 2026	22	Writing - Notice, Letter Prose - The Last Lesson, Lost Spring Poetry - My Mother at 66 Supplementary - The Third Level
MAY, 2026	12	Writing - Article, Report Poetry - Keeping Quiet Project Work
JUNE, 2026	8	Poetry - A Thing of Beauty, A Roadside Stand
JULY, 2026	23	Writing - Invitations & Replies Prose - Deep Water, The Rattrap, Indigo Poetry - Aunt Jennifer's Tigers Supplementary - The Tiger King
AUGUST, 2026	22	Prose - Poets and Pancakes, The Interview, Going Places Supplementary - Journey to the End of the Earth, The Enemy
SEPTEMBER, 2026	17	Supplementary - On the Face of It, Memories of Childhood - The Cutting of my Long Hair-Zitkala-Sa
OCTOBER, 2026	5	Supplementary - Memories of Childhood - We too are Human Being - Bama
NOVEMBER, 2026	4	ASL
DECEMBER, 2026	0	NA
JANUARY, 2027	0	NA
FEBRUARY, 2027	0	NA

**DELHI PUBLIC SCHOOL  
STEEL TOWNSHIP, ROURKELA**

***ACADEMIC SESSION - 2026-2027***

CLASS:		XII
SUBJECT:		PHYSICS
<b><i>MONTH</i></b>	<b><i>NO. OF WORKING DAYS</i></b>	<b><i>TOPICS TO BE COVERED</i></b>
APRIL, 2026	22	Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance
MAY, 2026	12	Chapter-3-Current electricity
JUNE, 2026	8	Chapter–4: Moving Charges and Magnetism
JULY, 2026	23	Chapter–5: Magnetism and Matter Chapter–6: Electromagnetic Induction Chapter–7: Alternating Current
AUGUST, 2026	22	Chapter–8: Electromagnetic wave Chapter–9: Ray Optics and Optical Instruments Chapter – 10: wave optics
SEPTEMBER, 2026	17	Chapter–11: Dual Nature of Radiation and Matter Chapter–12: Atoms
OCTOBER, 2026	5	Chapter–13: Nuclei
NOVEMBER, 2026	4	Chapter–14: Semiconductor Electronics: Materials, Devices and simple circuits
DECEMBER, 2026	0	NA
JANUARY, 2027	0	NA
FEBRUARY, 2027	0	NA

# DELHI PUBLIC SCHOOL STEEL TOWNSHIP, ROURKELA

## ACADEMIC SESSION - 2026-2027

CLASS:		XII
SUBJECT:		CHEMISTRY
<i>MONTH</i>	<i>NO. OF WORKING DAYS</i>	<i>TOPICS TO BE COVERED</i>
APRIL, 2026	22	Chapter-1: SOLUTIONS Chapter-2: ELECTROCHEMISTRY
MAY, 2026	12	Chapter-2: ELECTROCHEMISTRY (Contd...) Chapter-3: CHEMICAL KINETICS
JUNE, 2026	8	Chapter-5: COORDINATION COMPOUNDS
JULY, 2026	23	Chapter-5: COORDINATION COMPOUNDS (Contd....) Chapter-4: D & F BLOCK ELEMENTS Chapter-6: HALOALKANES & HALOARENES
AUGUST, 2026	22	Chapter-7: ALCOHOLS, PHENOLS & ETHERS Chapter-8: ALDEHYDES, KETONES & CARBOXYLIC ACIDS
SEPTEMBER, 2026	17	Chapter-9: AMINES Chapter-10: BIOMOLECULES
OCTOBER, 2026	5	REVISION (Practice of Sample Paper)
NOVEMBER, 2026	4	REVISION (Practice of Sample Paper)
DECEMBER, 2026	0	NA
JANUARY, 2027	0	NA
FEBRUARY, 2027	0	NA

# DELHI PUBLIC SCHOOL STEEL TOWNSHIP, ROURKELA

## ACADEMIC SESSION - 2026-2027

CLASS:		XII
SUBJECT:		MATHEMATICS(041)
<i>MONTH</i>	<i>NO. OF WORKING DAYS</i>	<i>TOPICS TO BE COVERED</i>
APRIL, 2026	22	1. MATRIC(5 days) 2. DETERMINANTS(7 days) 3. RELATIONS & FUNCTIONS(5 days) 4. INVERSE TRIGONOMETRIC FUNCTIONS(5 days)
MAY, 2026	12	1. CONTINUITY & DIFFERENTIABILITY (12days)
JUNE, 2026	8	2. APPLICATION OF DERIVATIVES(8 days)
JULY, 2026	23	1. INDEFINITE INTEGRALS (15days) 2. DEFINITE INTEGRALS(8 days)
AUGUST, 2026	22	1. APPLICATION OF INTEGRALS(5 days) 2. DIFFERENTIAL EQUATIONS(10 days) 3. VECTORS(7days)
SEPTEMBER, 2026	17	1. THREE DIMENSIONAL GEOMETRY (10 days) 2. LPP(7 days)
OCTOBER, 2026	5	1. PROBABILITY(5 days)
NOVEMBER, 2026	4	1.PROBABILITY contd.....(4 days)
DECEMBER, 2026	0	NA
JANUARY, 2027	0	NA
FEBRUARY, 2027	0	NA

# DELHI PUBLIC SCHOOL STEEL TOWNSHIP, ROURKELA

## *ACADEMIC SESSION - 2026-2027*

CLASS:		XII
SUBJECT:		BIOLOGY
<i>MONTH</i>	<i>NO. OF WORKING DAYS</i>	<i>TOPICS TO BE COVERED</i>
APRIL, 2026	22	CHAPTER 1: SEXUAL REPRODUCTION IN FLOWERING PLANTS CHAPTER 2: HUMAN REPRODUCTION CHAPTER 3: REPRODUCTIVE HEALTH
MAY, 2026	12	CHAPTER 11: ORGANISMS AND POPULATION CHAPTER 12: ECOSYSTEM CHAPTER 13: BIODIVERSITY AND CONSERVATION
JUNE, 2026	8	CHAPTER 4: PRINCIPLES OF INHERITANCE (TO BE CONTINUED)
JULY, 2026	23	CHAPTER 4: PRINCIPLES OF INHERITANCE (TO BE COMPLETED) CHAPTER 5: MOLECULAR BASIS OF INHERITANCE CHAPTER 9: BIOTECHNOLOGY PRINCIPLES AND PROCESSES
AUGUST, 2026	22	CHAPTER 10: BIOTECHNOLOGY AND ITS APPLICATIONS CHAPTER 6: EVOLUTION CHAPTER 7: HUMAN HEALTH AND DISEASE (TO BE CONTINUED)
SEPTEMBER, 2026	17	CHAPTER 7: HUMAN HEALTH AND DISEASE (TO BE COMPLETED) CHAPTER 8: MICROBES IN HUMAN WELFARE
OCTOBER, 2026	5	REVISION
NOVEMBER, 2026	4	REVISION
DECEMBER, 2026	0	NA
JANUARY, 2027	0	NA
FEBRUARY, 2027	0	NA

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***ACADEMIC SESSION - 2026-2027***

CLASS:		XII
SUBJECT:		PAINTING
<b><i>MONTH</i></b>	<b><i>NO. OF WORKING DAYS</i></b>	<b><i>TOPICS TO BE COVERED</i></b>
APRIL, 2026	22	Theory: Introduction of Miniature Paintings and Six Limbs of Indian Painting Practical: Memory Composition (Any Topic)
MAY, 2026	12	Theory: Rajasthani and Pahari Miniature Painting Practical: Still Life (Different fruits and vegetables composition)
JUNE, 2026	8	Theory: Western and Jain School of Art Practical: Memory Composition (Any Topic)
JULY, 2026	23	Theory: Mughal and Deccan School of Miniature Paintings Practical: Still Life (Different fruits and vegetables composition)
AUGUST, 2026	22	Theory: Contribution of Indian Artist in National freedom Struggle and The Bengal School of Painting Practical: Memory Composition (Any Topic)
SEPTEMBER, 2026	17	Theory: The Modern Trends in Indian Art Practical: Still Life (Different fruits and vegetables composition)
OCTOBER, 2026	5	Revision and Practice
NOVEMBER, 2026	4	Revision and Practice
DECEMBER, 2026	0	NA
JANUARY, 2027	0	NA
FEBRUARY, 2027	0	NA

# DELHI PUBLIC SCHOOL STEEL TOWNSHIP, ROURKELA

## *ACADEMIC SESSION - 2026-2027*

CLASS:		XII
SUBJECT:		ARTIFICIAL INTELLIGENCE (Part A: Employability Skills & Part B: Subject Specific Skills)
<i>MONTH</i>	<i>NO. OF WORKING DAYS</i>	<i>TOPICS TO BE COVERED</i>
APRIL, 2026	22	Part A - Unit 1, Unit 2, Unit 4 Part B - Data Science Methodology (will try to finish Part A Unit 5 also)
MAY, 2026	12	Part A - Unit 5 Part -B Data Storytelling (will try to start Making Machines See)
JUNE, 2026	8	Introduction to Python Programming, Making machines see(contd), Capstone Project initiation)
JULY, 2026	23	Introduction to Big data and Analytics , Python (contd), Capstone Project (Contd).
AUGUST, 2026	22	Introduction to Neural Networks, Python(contd), Capstone Project (contd), ODM
SEPTEMBER, 2026	17	Generative AI, Python (contd), Capstone Project (contd), Neural network(contd.)
OCTOBER, 2026	5	Part A - Unit 3, Python (contd), Capstone Project(contd.), Generative AI
NOVEMBER, 2026	4	Capstone Project and Python record submission
DECEMBER, 2026	0	NA
JANUARY, 2027	0	NA
FEBRUARY, 2027	0	NA

**DELHI PUBLIC SCHOOL  
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***ACADEMIC SESSION - 2026-2027***

CLASS:		XII
SUBJECT:		YOGA
<b><i>MONTH</i></b>	<b><i>NO. OF WORKING DAYS</i></b>	<b><i>TOPICS TO BE COVERED</i></b>
APRIL, 2026	22	Employability skill and Introduction of Yoga
MAY, 2026	12	Introduction of Yoga
JUNE, 2026	8	Summer Vacation
JULY, 2026	23	Yogic practice and Yoga Texts
AUGUST, 2026	22	Yoga Texts
SEPTEMBER, 2026	17	Revision - Exam
OCTOBER, 2026	5	Yoga for Health Promotion
NOVEMBER, 2026	4	Yoga for Health Promotion
DECEMBER, 2026	0	NA
JANUARY, 2027	0	NA
FEBRUARY, 2027	0	NA

# DELHI PUBLIC SCHOOL STEEL TOWNSHIP, ROURKELA

## ACADEMIC SESSION - 2026-2027

CLASS:		XII
SUBJECT:		ODISSI
MONTH	NO. OF WORKING DAYS	TOPICS TO BE COVERED
APRIL, 2026	22	THEORY-Revision of class XI portion(Odissi Dance,and it's parts) PRACTICAL-Demonstration of the prayer (Angikam)
MAY, 2026	12	THEORY-What is Bhoomi pranam ? PRACTICAL:Demostration of chauka 1 to 5
JUNE, 2026	8	THEORY : Elementary knowledge of the three styles of Chhau: a)Mayurbhanj b)Saraikella c)Purulia PRACTICAL: Demostraion of Bhoomi Pranam
JULY, 2026	23	THEORY: The lives and contribution of the three Gurus a) Guru Pankaj charan Das b) Guru Kelucharan Mohapatra c) Guru Deba Prasad Das PRACTICAL : Bhoomi Pranam Revision of Chauka and Tribhangi steps
AUGUST, 2026	22	THEORY : Short notes on myths related to : (1)Natya Shastra Abhinaya Darpan n Abhinaya Chandrika indentification of the author(approximately dates) (2)Basic overview of the broad areas covered in the context of each text (3) Myths regarding the origin of dance according to each text PRACTICAL: Pallavi
SEPTEMBER, 2026	17	THEORY: Definition of the terms (1) Nritya,Nritya and Natya (2) Matra,laya,taal,avartana,vibhaga(Anga) Aharya of Odissi (3)The music accompaniment of Odissi PRACTICAL : Pallavi
OCTOBER, 2026	5	THEORY: (1)Aharya of Odissi (2)The music accompaniment of Odissi PRACTICAL: (1)Pallavi Demonstration of Pallavi in ek taal (2)Recitation with hands of ukutas in ek taal (3) Naming of raga and hasta mudras used in the items
NOVEMBER, 2026	4	THEORY :Abhinaya – Angika,Vachika,Aharya and sattvika, Rasa Defination and short explanation of the nine rasas Tandava and Lasya Natyadharmi and Lokadharmi,Folk dances of Odisha PRACTICAL:Revision of pallavi
DECEMBER, 2026	0	NA
JANUARY, 2027	0	NA
FEBRUARY, 2027	0	NA

# DELHI PUBLIC SCHOOL STEEL TOWNSHIP, ROURKELA

## ACADEMIC SESSION - 2026-2027

CLASS:		XII
SUBJECT:		COMPUTER SCIENCE
<i>MONTH</i>	<i>NO. OF WORKING DAYS</i>	<i>TOPICS TO BE COVERED</i>
APRIL, 2026	22	Unit -I Computational thinking and programming-2 Sub units :- Functions, Exception handling, Introduction to files, Text file, Binary file.
MAY, 2026	12	Unit -I Computational thinking and programming-2(contd) Sub units- CSV file Data Structure
JUNE, 2026	8	Unit -I Computational ..... (contd) Sub units- Data structure
JULY, 2026	23	Unit -III Database management Sub units - Database concepts, Relational Data Model, SQL, Interface of python with an SQL database
AUGUST, 2026	22	Unit -II Computer Networks Sub units - Evolution of Networking. Data communication terminologies, transmission media, Network devices
SEPTEMBER, 2026	17	Unit -II Computer Networks ( contd) Sub units :- Network Topologies and Network types, Network protocol, Introduction to web services
OCTOBER, 2026	5	Project work on python file Handling
NOVEMBER, 2026	4	Project work (contd). practical file submission
DECEMBER, 2026	0	NA
JANUARY, 2027	0	NA
FEBRUARY, 2027	0	NA