

# ACADEMICS & CURRICULUM – DPS NTPC VIDYUT NAGAR, DADRI

## Nurturing Excellence | Building Futures

Delhi Public School, NTPC Vidyut Nagar is committed to providing **holistic, value-based and future-ready education** in alignment with the vision of the DPS Society and the guidelines of the **Central Board of Secondary Education (CBSE)**. The academic programme is designed to nurture intellectual curiosity, creativity, ethical values and lifelong learning skills.

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### Academic Philosophy

At DPS NTPC Vidyut Nagar, education extends beyond textbooks. The school believes that **every child is unique** and provides opportunities to discover, explore and excel. The teaching-learning process emphasizes:

- Conceptual clarity and experiential learning
- Critical thinking and problem-solving skills
- Effective communication and language proficiency
- Emotional intelligence, values and social responsibility
- Integration of academics with co-curricular and life skills

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### Affiliation & Accreditation

Delhi Public School, NTPC Vidyut Nagar is **affiliated to the Central Board of Secondary Education (CBSE)** and strictly follows CBSE norms and NCERT guidelines from **Nursery to Class XII**.

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## Curriculum Structure

### Pre-Primary (Nursery, KG I & KG II)

The Pre-Primary curriculum is **play-based, experiential and child-centric**, fostering joyful learning in a safe and stimulating environment. Learning is integrated through stories, music, art, movement and hands-on activities.

### Focus Areas:

- Language development and communication
- Early numeracy skills
- Motor skill development
- Social, emotional and moral growth
- Environmental awareness
- Creativity through art, music and dance

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## Primary School (Classes I – V)

The Primary curriculum, based on **NCERT guidelines**, focuses on building strong foundational skills and conceptual understanding.

### **Key Learning Areas:**

- Languages: English & Hindi
- Mathematics
- Environmental Studies – Learning by Doing
- Computer Science
- Art & Craft, Music and Dance
- Physical & Health Education
- Life Skills and Value Education

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## Middle School (Classes VI – VIII)

The curriculum based on **NCERT guidelines** becomes more structured while continuing inquiry-based and activity-oriented learning.

### **Subjects Offered:**

- English
- Hindi / Sanskrit
- Mathematics
- Science
- Social Science
- Computer Science
- Data Science
- FMM
- Art Education
- Physical & Health Education
- Work Experience
- Life Skills and Value Education

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## Secondary School (Classes IX & X)

The Secondary curriculum strictly follows the **CBSE syllabus and NCERT textbooks**, preparing students for the All India Secondary School Examination.

### **Core Subjects:**

- English
- Hindi / Sanskrit
- Mathematics
- Science
- Social Science
- Artificial Intelligence (Optional – Class IX)
- Computer Applications (Optional – Class X)
- Art Education, Music & Sports
- Life Skills and Value Education

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## Senior Secondary School (Classes XI & XII)

The school offers a wide range of subject combinations across **Science, Commerce and Humanities streams.**

### **Science Stream (Medical & Non-Medical):**

English, Physics, Chemistry, Mathematics or Biology,  
Computer Science/ Economics/ Physical Education/ Geo-Spatial Technology/  
Entrepreneurship/ Economics, (5<sup>th</sup> optional subjects)  
Music, Painting (6<sup>th</sup> optional subjects)

### **Commerce Stream (With / Without Mathematics):**

English, Accountancy, Business Studies, Economics,  
Mathematics/FMM/Entrepreneurship/Physical Education/Geospatial Technology (5<sup>th</sup>  
optional subjects)  
Music, Painting (6<sup>th</sup> optional subjects)

### **Humanities Stream:**

English, Political Science, History, Geography  
Mathematic/FMM/ Economics / Entrepreneurship / Physical Education / GST (5<sup>th</sup>  
optional subjects)  
Music, Painting (6<sup>th</sup> optional subjects)

Skill education, Physical Education, Art Education, Music and Sports are integral parts of the curriculum.

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## Academic Infrastructure & Learning Facilities

To support effective teaching and holistic development, the school is equipped with **well-planned academic, technological, creative and sports facilities** in accordance with CBSE norms.

### **Science & Mathematics Laboratories**

Well-equipped **Physics, Chemistry and Biology Laboratories** support practical learning at secondary and senior secondary levels. A **Composite Science Laboratory** caters to junior classes. The **Mathematics Laboratory** promotes experiential and activity-based learning.

### **Technology & Innovation Facilities**

The school has modern **Computer Laboratories**, a **Robotics Lab**, **ATL / Innovation Lab** and **FMM Lab**, providing hands-on exposure to coding, robotics, design thinking and STEM-based innovation. **Digital Boards and Smart Classrooms** enhance ICT-enabled teaching.

## Libraries & Language Development

A **Junior Library** and a **Senior Library** with age-appropriate books, reference materials and digital resources promote reading and research skills. The **English Language Laboratory** enhances listening, speaking and communication skills.

## Arts, Music & Cultural Education

Dedicated rooms for **Visual Arts**, **Sculpture Art**, **Art & Craft**, **Dance**, and **Music (Western & Hindustani)** encourage creativity, cultural awareness and artistic expression.

## Social Science & Leadership Learning

A **Social Science Laboratory** and **Mock Parliament** provide experiential learning in civics, democracy, leadership and public speaking.

## Health, Wellness & Life Skills

Facilities such as a **Yoga Club** and **Meditation Room** promote physical fitness, mental well-being and value-based education.

## Sports & Physical Education

The school provides **indoor and outdoor sports facilities**, play stations and activity zones, ensuring physical development, discipline and sportsmanship.

## Multipurpose Hall

A spacious **Multipurpose Hall** is used for assemblies, cultural programmes, competitions, workshops and co-curricular activities.

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## ❖ Our Commitment

Through a balanced blend of academics, innovation, creativity and values, DPS NTPC Vidyut Nagar is committed to nurturing **confident, competent and responsible learners**, well prepared to meet global challenges while remaining rooted in Indian ethos.

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