

Halhali Class XII School

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CBSE Curriculum 2026 Paradigm

A Comprehensive Blueprint Mapping to the National Education Policy (NEP 2020) 5+3+3+4 Pedagogical Structure

Core Strategic Goals of NEP 2020 & CBSE 2026

This academic architecture explicitly transitions our school ecosystem from rote, examination-heavy benchmarks into highly engaging, integrated, lifelong developmental tracks.

- **Conceptual Mastery:** Prioritizing deep, structural clarity over standard repetitive memorization formulas.
- **Experiential Pedagogy:** Standardizing hands-on practical applications, field units, and student activities.
- **Multilingual Expression:** Nurturing strong expressive confidence via regional and global linguistics.
- **Analytical Rigor:** Stimulating computational logic matrices, critical evaluation, and individual creativity.
- **Future-Ready Modules:** Early structural introduction to Digital Competency, Safe Internet Frameworks, and Artificial Intelligence (AI).
- **Character Realization:** Merging life values, physical literacy, environmental metrics, and ethical civic systems.

The NEP 2020 (5+3+3+4) Curricular Map

NEP CURRICULAR STAGE	CLASS BRACKETS	INTEGRATED PEDAGOGICAL FOCUS
Foundational Stage	Nursery to Class 2	Flexible, multi-level, play-based interaction, musical expression, early graphics, and primary literacy/numeracy.
Preparatory Stage	Classes 3 to 5	Transitioning to light text blueprints, expanding calculation matrices, active observation, and Early AI & Tech Integration .
Middle Stage	Classes 6 to 8	Experiential subject tracking, advanced algorithmic coding, Integrated AI Frameworks , and collaborative projects.
Secondary Stage	Classes 9 to 12	Multi-disciplinary choice matrix, rigorous critical logic, advanced specialization, Skill AI/IT Architecture , and career orientation.

1. Foundational Curricular Stage (Nursery, LKG, UKG & Classes 1 - 2)

Focuses entirely on structural cognitive activation using immersive engagement tools, keeping student stress minimized while optimizing self-discovery benchmarks.

EARLY LANGUAGE & BASIC MATHEMATICAL READINESS

- Vocabulary building, expressive speaking, and responsive listening patterns.
- Phonemic storytelling, interactive rhymes, and primary vocabulary.
- Counting metrics, identifying geometric patterns, and basic color modules.
- Spatial identification (sorting big/small tracking metrics and matching objects).

CREATIVE INTEGRATION & SOCIALIZATION

- Free-form drawing, brush painting, structural coloring, and clay molding.
- Basic rhythm control, kinetic dance routines, and school songs.
- Environmental mapping basics (immediate family roles, regional plants, and animals).
- Social cohesion: sharing structures, peer friendship, basic discipline, and team activities.

Class 1 & 2 Subject Formats: Core English, Mathematics foundation, Environmental Studies (EVS), Hindi or Regional Language variants, Art & Craft modules, and mandatory Physical Education trackings.

2. Preparatory Curricular Stage (Classes 3 - 5) — AI Onboarding

Bridges the developmental path by introducing structured textbook domains combined with progressive interactive technologies.

CLASS 3 ONBOARDING FRAMEWORK

Subjects: English, Mathematics, EVS, Hindi, General Knowledge, Sports track, and **Introductory Artificial Intelligence (AI) Basics**.

NEP TECH MANDATE: EARLY AI INTEGRATION

NEW FOR CLASS 3 ONWARDS Primary

introductory modules unveil what AI is, recognizing intelligent tech interfaces, and building early interactive computational frameworks.

CLASS 4 & CLASS 5 AI ADVANCEMENT

Subjects: Computer Studies, **Elementary Artificial Intelligence (AI) Tracks**, and expanding Third Language options in Class 5.

Pedagogical Standard: Introducing human-machine collaboration concepts, simple text/visual coding logics, and understanding automated software functions alongside deep numerical operations.

3. Middle Curricular Stage (Classes 6 - 8) — Progressive AI

Introduces students to formalized scientific, numerical, and machine disciplines, transitioning clearly into abstract algorithmic tracking.

Integrated Academic Portfolio: English, Hindi, Mathematics, Science, Social Science, Third Language, Computer Education, **Applied Artificial Intelligence (AI) Modules**, Fine Arts, and Physical Fitness.

PROGRESSIVE AI AND CODING TRACK

Students move beyond fundamentals to look into machine learning ideas, block-based algorithmic designs, simple automation code building, and crucial AI ethics or safe cyber-navigation.

4. Secondary Curricular Stage (Classes 9 - 10) — Advanced Skill AI

Provides a robust launchpad for certification layers, using integrated tech specializations to reinforce problem-solving metrics.

CLASSES 9 & 10 TECH ARCHITECTURE

Academic Layout: English, Mathematics, Science, Social Science, Hindi/Regional, Sanskrit, and **Skill Subject: Artificial Intelligence (AI) / IT Frameworks.**

COMPETENCY & TECH EVALUATION MATRIX

Assessments evaluate hands-on technical literacy alongside core board topics. Competency patterns focus on real-world case tracking, data processing questions, and simple AI design implementations.

5. Higher Secondary Specializations (Classes 11 - 12)

Offers professional structural specialization tracks, encouraging specialized computer applications or technological research capabilities.

I. SCIENCE SPECIALIZATION TRACK

Core Subjects: Physics, Chemistry, Mathematics / Biology, **Computer Science with AI applications**, and Language options.

MEDICAL SCIENCES

ENGINEERING & TECH

AI & ROBOTICS ENGINEERING

DATA SCIENCE & RESEARCH

II. HUMANITIES & ELECTIVE ARTS TRACK

Language Options: English, Bengali, and Sanskrit.

Elective Domain Concentrations:

History, Political Science, Geography, Psychology, Sociology, Sanskrit Elective, Bengali Elective, **Early Childhood Care and Education (ECCE)**, and **Kathak Dance**.

LEGAL STUDIES / JUDICIARY

MASS COMMUNICATION & MEDIA

UNION & STATE CIVIL SERVICES

CLASSICAL PERFORMING ARTS

EARLY CHILDHOOD PEDAGOGY

THE HALHALI QUALITY MANDATE:

Early AI & Tech Literacy • Flexible Choice Tracks • Immersive Practical Evaluation • Strategic Future
Readiness