

NJPS SENIOR SECONDARY SCHOOL

Summer Holidays Homework (Session 2026-27)

Class: 10th (Board Batch - Common Homework)

Dear Students,

Class 10th is a crucial academic milestone. This homework is structurally customized to provide a solid foundation for your upcoming CBSE Board Evaluations. Dedication, accuracy, and detailed analytical clarity are highly expected in your presentations.

1. ENGLISH (LANGUAGE & LITERATURE)

- **Literature Review:** Read "A Letter to God" and "Nelson Mandela: Long Walk to Freedom" from First Flight. Write a comprehensive critical summary (200 words) defining Mandela's concept of freedom and comparing it with the implicit faith shown by Lencho.
- **Formal Correspondence:** Write formal letters (Letter to Editor) addressing civic authorities regarding: (a) Erratic power supply during examination periods, (b) Immediate need for setting up a public digital library branch in your rural block.

2. MATHEMATICS

- **Real Numbers & Polynomials:** Solve 15 foundational Board-level questions dealing with Fundamental Theorem of Arithmetic proofing (e.g. proving $\sqrt{5}$ is irrational) and establishing relationships between zeroes and coefficients of quadratic polynomials.
- **Linear Equations:** Formulate and solve 10 word problems based on linear equations in two variables relating to upstream/downstream speed, time & work, and fraction variations.

3. SCIENCE

- **Chemistry (Chemical Reactions & Equations):** Write down 15 major balanced chemical equations showcasing combination, decomposition, displacement, and redox reactions. Explain why chips manufacturers flush bags with nitrogen gas.
- **Biology (Life Processes):** Draw clear, detailed, and labeled structural diagrams of human nutrition/digestive systems, respiratory apparatus, and the internal structures of the human heart on A4 sheets. Write a short brief on double circulation.
- **Physics (Light - Reflection & Refraction):** Solve 12 numerical problems finding focal lengths, magnification values, and exact mirror/lens image positions using accurate sign conventions.

4. SOCIAL SCIENCE

- **History & Civics:** Prepare a structural map chart detailing the various phases of the Rise of Nationalism in Europe or Nationalism in India. Detail the major events from the Non-Cooperation Movement window.
- **Geography & Economics:** On an outline map of India, locate major soil classifications, major dams, and river structures. Write a project report explaining the impact of globalization on local agricultural sectors.

5. HINDI

- **लेखन एवं रचना:** "आत्मनिर्भर भारत और युवा शक्ति" अथवा "पर्यावरण संरक्षण में हमारी भूमिका" विषय पर 250 से 300 शब्दों में एक सुंदर निबंध तैयार करें।
- **व्याकरण:** 'पदबंध' और 'रचना के आधार पर वाक्य रूपांतरण' के नियमों को लिखकर प्रत्येक के 10-10 व्यावहारिक उदाहरण अपनी उत्तरपुस्तिका में दर्ज करें।

GUIDELINES FOR SUBMISSION

- Every assignment module is compulsory and carries direct marks for CBSE internal assessment evaluations.
- Submit your consolidated portfolios directly on the school reopening day: **29th June 2026**.

By Order,
Manish Kumar
Principal
NJPS Senior Secondary School