

NJPS SENIOR SECONDARY SCHOOL

Affiliated to CBSE (10+2), New Delhi

SUMMER HOLIDAY HOMEWORK PACKET

Class: 6th | Academic Session: 2026-27

Dear Students,

Welcome to Middle School! Moving to Class 6th introduces you to deep, conceptual learning and self-exploration. This integrated Holiday Homework is designed to reinforce core academic elements from your syllabus while challenging you to complete practical projects, write reviews, analyze data, and engage in creative activities. This work is fully mapped to the current CBSE framework.

Important Notice: Students must manage their time effectively, spending an hour daily on assignments. All assignments will be checked and marked as part of your Internal Assessment/Subject Enrichment portfolios for Term 1.

1. ENGLISH LITERATURE & APPLIED LANGUAGE

- Literary Book Review:** Read any standard novel recommended for young readers (e.g., *The Blue Umbrella* by Ruskin Bond or *The Secret Garden* by Frances Hodgson Burnett). In your English homework notebook, write a thorough review detailing: (a) Plot Summary, (b) Descriptive character traits of your favorite character, (c) 5 learning outcomes or moral lessons from the book.
- Vocabulary Lexicon:** Discover 20 new or difficult words from your summer reading list. For each word, look up and write its part of speech, exact dictionary definition, and construct a unique, highly descriptive complex sentence.
- Creative Composition (A4 Portfolio Sheet):** Imagine you stepped into a time machine and traveled to the year 2050. Write a short fantasy narrative or travelogue (150–200 words) describing a city that runs entirely on eco-friendly green energy and contains zero pollution.
- Grammar Hunt Activity:** Pick any 2 paragraphs from an English editorial column or newspaper article. Cut and paste them into your notebook. Highlight 10 Abstract Nouns using a yellow highlighter, 10 Pronouns using pink, and 10 Descriptive Adjectives using green.

2. HINDI (हिन्दी): गद्य, व्याकरण एवं रचनात्मक गतिविधियाँ

- कथा समीक्षा व पठन:** मुंशी प्रेमचंद की किन्हीं दो प्रसिद्ध कहानियों (जैसे: ईदगाह, दो बैलों की कथा या बूढ़ी काकी) को पढ़िए। अपनी हिंदी उत्तर-पुस्तिका में कहानी का सारांश लिखिए और यह भी स्पष्ट कीजिए कि आपको उन कहानियों से क्या प्रेरणा मिली।
- व्याकरण चार्ट (A4 Sheet):** 'उत्पत्ति और स्रोत' के आधार पर शब्दों के भेदों को समझाइए। तत्सम, तद्भव, देशज और विदेशी (आगत) शब्दों के 5-5 उदाहरण ढूँढ़कर उनके सामने उनके सुंदर चित्र बनाइए या चिपकाइए।
- वैचारिक लेखन:** अपनी रचनात्मक सोच का प्रयोग करते हुए "पर्यावरण संरक्षण में हमारी भूमिका" अथवा "यदि इंटरनेट न होता तो..." विषयों में से किसी एक विषय पर 150 शब्दों का एक सुंदर निबंध अपनी व्याकरण कॉपी में लिखिए।
- शब्दावली सुदृढीकरण:** अपनी पाठ्यपुस्तक 'वसंत भाग-1' के पहले तीन पाठों को ध्यानपूर्वक पढ़ें। उनमें से 15 कठिन शब्द छाँटकर उनके अर्थ शब्दकोश से ढूँढ़कर लिखिए एवं उनका वाक्यों में प्रयोग कीजिए।

3. MATHEMATICS: NUMBERS, PATTERNS & OPERATIONS

- **Real-world Temperature Tracking Project:** Track and note the maximum and minimum temperature of your city for 10 straight days in June. Create a frequency distribution table in your notebook utilizing tally marks to categorize the numbers:

Day Count	Maximum Temp (°C)	Minimum Temp (°C)	Tally Marks (Max Temp Range)
Day 1			
Day 2			
... to 10			

- **Large Numbers System:** Collect the mobile numbers of any 5 family members. Write each 10-digit number down in your math notebook and express it in: (a) Indian Place Value System with commas, (b) International Place Value System with commas, and (c) Expanded mathematical form using exponents.
- **Fraction Mosaic Craft:** Using square graph papers or neon sheets, cut geometric circles or blocks to represent complementary fractions (e.g., $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, $\frac{1}{8}$). Arrange and glue them onto a chart sheet to build a colorful fractions mosaic.
- **Mental Drills Workout:** Solve 20 word problems and numerical questions covering BODMAS calculations, Factors, Multiples, HCF, and LCM from your NCERT exemplar reference material.

4. SCIENCE: EXPERIMENTS & APPLIED LIFE SCIENCES

- **Nutritional Food Analysis Log:** Carefully review the meals eaten by your family for 3 full days. Track the primary food nutrients (Carbohydrates, Fats, Proteins, Vitamins, Minerals, and Roughage) present in each meal. Present this in a structured table and write a 100-word summary outlining a balanced meal chart for a school student.
- **Neighborhood Herbarium File:** Collect naturally fallen leaves from 5 different plants or trees growing around your house (e.g., Neem, Mango, Tulsi, Peepal, Hibiscus). Dry them inside old newspapers, paste them onto individual A4 papers, and label: (a) Common & Botanical Name, (b) Venation Type (Reticulate or Parallel), (c) Leaf Margin structure.
- **Home Experimental Lab:** Fill two clear drinking glasses with water. Mix 3 tablespoons of common salt into the second glass until fully dissolved. Place an egg or a fresh whole lemon into both glasses. Write down your live observations regarding floating, sinking, and explain the principles of density and buoyancy behind it.

5. SOCIAL SCIENCE: HISTORY, EARTH & CIVIC STRUCTURES

- **Cosmology Charting:** Construct an accurate, colorful scale-drawn illustration of the Solar System on a black chart or A4 sheet. Clearly classify inner terrestrial planets versus outer gaseous planets, labeling the asteroid belt, meteoroids, and specific facts about each planet.
- **Harappan Civilization Investigative Report:** Act like a professional archaeologist exploring an ancient site of the Indus Valley Civilization. Prepare an illustrated report or fact-sheet describing: (a) Planned city layouts, (b) Elaborate covered drainage networks, (c) Core materials used in standard houses and public baths.
- **Local Administration Mapping:** Find out and diagram the local self-governing administrative framework active in your area (e.g., Municipal Ward Committee or Gram Panchayat). List the names of the local representatives and write down 5 mandatory public services they manage for your locality.

6. COMPUTER APPLICATIONS & LIFE SKILLS ADVANCEMENT

- **Digital Presentation Slide Design:** Design an interactive presentation using Microsoft PowerPoint or Google Slides consisting of 5 slides explaining the topic: "The Evolution of Computer Hardware and Multi-generational Microprocessors". Print out the presentation handouts and clip them to your files.
- **Domestic Environmental Stewardship:** Set up a real "Waste Segregation Point" in your house using two designated trash bins. Label one Green (Biodegradable/organic kitchen waste) and the other Blue/Black (Non-biodegradable paper, glass, plastic waste). Keep this active for 2 weeks and add a photo with a summary log.
- **Basic Household Economics:** Sit down with your parents and study your home utility bills (Electricity, Water, and Internet). Make an organized bar graph tracking spending patterns, and brainstorm 5 ways to save electricity and water to lower utility costs.

COMPREHENSIVE SUBMISSION REGULATIONS:

- All theoretical problem sets, reading journals, and language sentences must be written out neatly in your subject notebooks using a blue gel pen.
- All auxiliary creative works (A4 sheets, maps, printouts, data logs) must be placed inside a single labeled clear-leaf folder displaying your Name, Class, Section, and Roll Number.
- The total assignment score will directly contribute toward your Subject Enrichment internal marks for your first semester. Submit your portfolio to your class teacher during the first week when school reopens.

✨ *Wishing you a safe, rewarding, and highly innovative summer vacation!* ✨