



# NOIDA INTERNATIONAL PUBLIC SCHOOL SECTOR 121, NOIDA

## SUMMER HOLIDAY HOMEWORK

### CLASS XI (2026-27)

"Learning never takes a vacation — let your curiosity travel with you!"

Dear Students,

As you head into the holidays, we are excited to share with you a thoughtfully designed set of holiday homework activities. These tasks are not just assignments—they are opportunities to learn in a fun, engaging, and meaningful way.

The holiday homework aims to:

- Encourage active learning through real-world connections
- Inspire entrepreneurial thinking and creativity
- Promote hands-on activities that make learning practical and enjoyable
- Help you build effective communication skills
- Enhance your digital literacy, preparing you for the modern world

We hope you approach these activities with enthusiasm and curiosity. Use this time to explore, create, and grow beyond the classroom!

Wishing you a joyful and productive holiday!

### ENGLISH

#### Assignment/Project

Make project on one of the topic given below:-

1. National Education Policy 2021 - views of common people on new education policy.
2. Health awareness
3. Impact of social media on youth

4. Digital literacy need of the present scenarios
5. Cyber crime and cyber law
6. Music as a therapy
7. Pros and cons of e-learning
8. Internship - a need for teens

### **Instructions**

1. English project should be neatly submitted in A4 size sheets.
2. It should have acknowledgement, certificates, index of content with page numbers, introduction of the topics, research analysis, interview questionnaire or survey, Bibliography along with author's name year of Publication titles, etc
2. Do the worksheets given on ERP .
3. Revise the syllabus of UT -1

### **Hindi**

- 1- हिन्दी साहित्य का इतिहास लिखिए।
- 2- हिन्दी गद्य विधाओं का चार्ट तैयार कीजिए।
- 3- अंतरा- ईदगाह (गद्य)  
कबीर दास (काव्य)
- 4- अंतराल- हुसैन की कहानी अपनी जबानी और कक्षा में कराये गए समस्त कार्य याद कीजिए।
- 5- समस्त क्वेश्चन बैंक, वर्कशीट अपनी उत्तर पुस्तिका में करें।

### **Psychology**

**Part 1:** Revise thoroughly Unit Test-1 syllabus

**Part 2:** Complete the worksheets uploaded on ERP

**Part 3:** Psychology in Movies (Activity)

\* **What to do:** Watch a movie or documentary related to psychology (like Inside Out, Taare Zameen Par, The Social Dilemma, or The Mind Explained).

\* **What to write:** Write a short 300-word review answering these questions:

1. What psychology topics did you spot in the movie?

2. Choose one character: Why did they act or think the way they did?
3. What new thing did you learn from watching this?

#### **Part 4: Creative Task (Choose One)**

Option A — Design a Welcoming Classroom: Draw or design an "Ideal Classroom" where every student, including those with special needs, feels safe and happy. Write a short paragraph (150 words) explaining how your choices (like where desks are placed, the lighting, or having a quiet corner) help students focus and feel less stressed.

Option B — Myth-Buster Poster: People believe a lot of fake "facts" about the brain (like "People are either left-brained or right-brained" or "We only use 10% of our brains"). Pick one common psychology myth and make a colourful poster. Show the fake myth clearly, and then explain the truth underneath it.

## **HISTORY**

### **General Instructions**

- Complete all work neatly in a separate notebook/file.
- Use coloured sheets, maps, drawings, and pictures wherever required.
- Submit the homework after the summer vacation.
- Original and creative work will be appreciated.

### **Part A – Project Work**

1. Make Any One Project (5–6 pages)
2. Topic Options:
3. 1.Daily Life in Mesopotamian Civilization
4. 2.Contributions of the Roman Empire
5. 3.Life of Genghis Khan
6. 4.Renaissance Art and Culture
7. 5.Indigenous Peoples of North America

#### **Project Guidelines:**

Cover Page ;Index ;Introduction ;Main Content with Pictures/Maps ;Conclusion  
Bibliography

### **Part B– Map Activity**

On an outline world map, locate and label the following:

1. Mesopotamia
2. Ur

3. Uruk
4. Mari
5. Euphrates and Tigris river
6. Babylone

### **Part C- Fun Learning**

Watch any historical movie/documentary related to ancient civilization or world history and write a short review including:

- 1.Name of the movie/documentary
- 2.Main Theme.
- 3.What you learned.

## **Economics**

### **General Instructions**

- Each student must prepare one Economics Project on the topic allotted according to their roll number.
- The project should be prepared on A4 size sheets and submitted in a properly maintained file.
- The project must be handwritten and presented neatly with proper headings and sub-headings.
- Include the following sections in the project:
  - Cover Page
  - Certificate
  - Acknowledgement
  - Index
  - Introduction
  - Objectives
  - Analysis/Content
  - Conclusion
  - Bibliography
- Use relevant tables, graphs, charts, diagrams, and pictures wherever required.
- The project should be original, creative, and free from plagiarism.
- Proper sources of information should be mentioned in the bibliography.
- The recommended length of the project is 15–20 pages.
- Students should be prepared for Viva Voce based on their project work.

- Topic Distribution
- Topic 1: Invisible Hand (Adam Smith)
- Roll No. 1–6
- Topic 2: Opportunity Cost as an Economic Tool
- Roll No. 7–12
- Topic 3: Effect on Equilibrium Prices in Local Market
- Roll No. 13–18
- Topic 4: Solar Energy – A Cost Effective Comparison with Conventional Energy Sources
- Roll No. 19–24
- Topic 5: Bumper Production – Boon or Bane for the Farmer
- Roll No. 25–31
- Additional Work
- Revise the Unit Test Syllabus thoroughly.

Complete and update your Economics Notebook

Solve question bank uploaded in ERP

## **POLITICAL SCIENCE**

### **1. Critical Thinking Questions:**

The "Need" Factor: Explain the four main functions of a constitution. Why would a diverse country like India need a set of basic rules to live together?

The Making of the Constitution: Research and write a short note (150 words) on the Constituent Assembly. Mention the date of its first meeting, the Objective Resolution, and the date the Constitution was adopted.

Borrowed Features: Create a table showing the features the Indian Constitution borrowed from other countries (e.g., British, Irish, French, and US Constitutions).

### **2. Practical Activity:**

Read the Preamble of the Constitution. Choose three key terms (e.g., Secular, Sovereign, Republic) and explain what they mean in your own words.

## Chapter 2: Rights in the Indian Constitution

#### **1. Fundamental Rights Analysis:**

The List: List the six Fundamental Rights guaranteed by the Constitution.

Deep Dive: Choose one Fundamental Right (e.g., Right to Equality or Right to Freedom) and find a recent news article where this right was discussed or defended. Write a brief summary of how it was applied.

The "Heart and Soul": Why did Dr. B.R. Ambedkar refer to the Right to Constitutional Remedies (Article 32) as the "heart and soul" of the Constitution?

## **2. Comparative Study:**

Rights vs. Duties: Define Fundamental Duties. How do they differ from Fundamental Rights?

DPSP: What are the Directive Principles of State Policy? List three examples and explain why they are not legally enforceable like Fundamental Rights.

### **### Project/Creative Work (Commonly Assigned)**

Poster Making: Design a poster on the theme "My Rights, My Responsibilities."

Cartoon Analysis: Look at the cartoons in Chapter 1 and 2 of your NCERT book. Select one and write a paragraph explaining the political message the cartoonist is trying to convey.

Map Work: On an outline map of India, identify the states that were involved in major linguistic reorganizations (often linked to the federalism discussions starting in these chapters).

## **Physical Education**

### **Instructions:**

- \* Do all work in neat handwriting
- \* Use separate notebook/file
- \* Draw diagrams where needed\*

### **Section A project work**

Q1. Prepare a project on any ONE topic:

1. Meaning and importance of Physical Educations
2. Olympic Movement
3. Balanced Diet and Nutrition
4. Yoga for healthy life

**Include:**

\* Introduction \* Explanation \* Diagram/Pictures \* Conclusion

### **Section B Activity Work**

2. Make a 10-day Fitness Activity Record

Write daily:\* Date ,\* Activity (Walking/Running/Yoga),\* Time duration

### **Section C (Practical Work – 10 Marks)**

Perform and write any 3 Asanas:

- \* Tadasana
- \* Trikonasana
- \* Bhujangasana

Write:

- \* Steps
- \* Benefits
- \* Precautions

### **Bonus Activity Optional**

- \* Play any sport during vacation
- \* Write your experience (5–6 lines) OR paste a photo

**IT**

Instructions: Do all these questions in your notebook

Write all the answers in your notebook.

Ques1. Write down the seven factors affecting perspectives in communication.

Ques2. Mention the 7C's of effective communication.

Ques3. How can we speak confidently in public using 3Ps method.

Ques4. What are the elements of communication? Also draw a communication cycle showing all the elements of communication

Ques5. What is verbal communication? Differentiate between verbal and non-verbal communication. Write their advantages & disadvantages.

## **COMPUTER SCIENCE**

### **Subject- Computer Science**

Ques1. How is specific purpose software useful for life? Explain with example

Ques2. What is computer hardware? Give any two examples

Ques3. What is the function of CPU in a computer? What are its subunits?

Ques4. Briefly explain utility software and its type.

Ques5. Explain the basic architecture of a computer.

Ques5. What is the function of memory? What are its measuring units?

Ques6. What is the work of system software? Explain function of its type

Ques7. What is the meaning of the term volatile primary memory? Explain briefly.

Ques8. What do you understand by flash memory? What is cache memory?

## **HOME SCIENCE**

### **Prepare 4 handkerchiefs using different hand sewing stitches:**

1. Basting Stitch (Kaccha Tanka)

2. Blind Stitch (Chor Silai)

3.Hemming Stitch (Turpai)

4.Back Stitch (Bakhiya)

**Prepare a file with 2 practicals.**

**Project Work**

1.Make a clothing file and paste pictures of traditional clothes like saree, lehenga, etc.

**OR**

Write about different types of fabrics such as nylon, cotton, wool, etc.

2. Make one poster to spread awareness about a government scheme, for example:

Beti Bachao Beti Padhao

3. Make a colour wheel chart and describe primary and secondary colours.

**APPLIED MATHEMATICS**

**1. Project Work**

Topic - 1: Binary and Decimal Numbers

Topic Include:

i) Decimal Number System

ii) Binary Number System

iii) Place Value System

iv) Conversion of Decimal to Binary

v) Conversion of Binary to Decimal

vi) Applications of Binary Numbers in Computers and Digital Devices

**Activity:**

Write short notes on the uses of binary numbers in:

i) Computers

ii) Mobile Phones

iii) ATM Machines

iv) Digital Electronics

Data Storage Devices

## **Topic - 2: Indices and Surds**

Topic Include:

i) Laws of Indices

ii) Positive and Negative Exponents

iii) Fractional Powers

iv) Scientific Notation

v) Surds and their Types

vi) Rationalization

### **Activity:**

Write the following quantities in scientific notation:

i) Speed of light

ii) Distance between Earth and Sun

iii) Population of India

iv) Mass of Earth

2 - Make a formula handbook chapterwise for all chapters.

3. Complete the question bank provided on the ERP in notebook.

4. Complete your Lab manual work.

# ✦ HAPPY HOLIDAYS ✦

Enjoy your summer break with learning, creativity, and fun.  
Complete your work neatly and submit it on time.

Stay Safe • Stay Healthy • Keep Learning