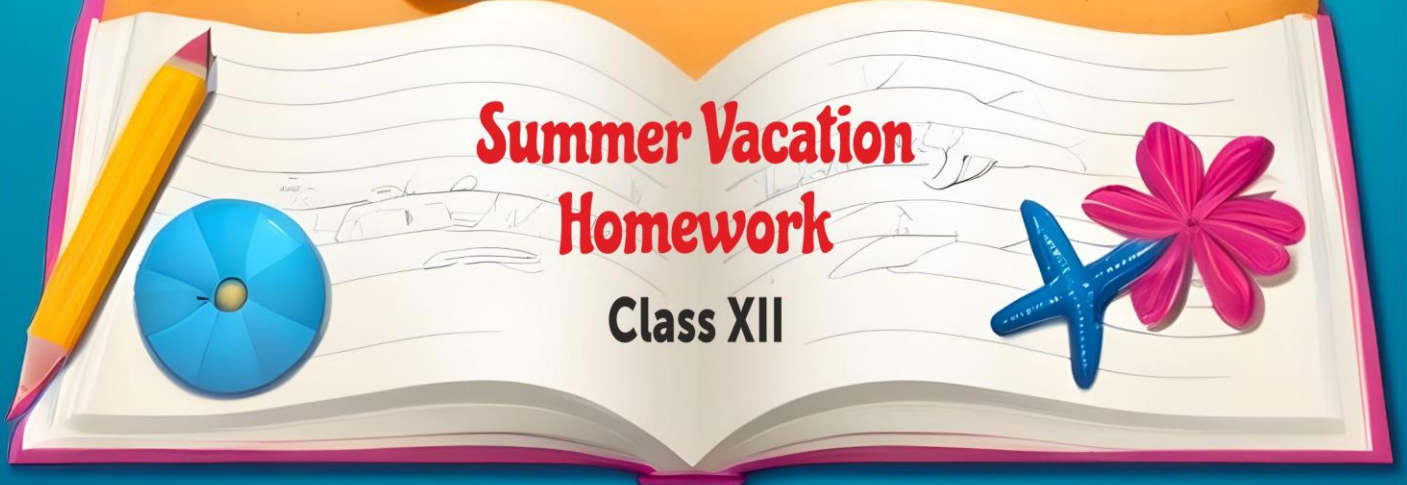




# VIDYAVATI

## PUBLIC CENTRAL SCHOOL

Affiliated to CBSE, New Delhi  
(Aff. No.: 1030656)



### Summer Vacation Homework

Class XII

**Dear Parents,**

**Greetings from Vidyavati Public Central School!**

As we approach the summer break, it is important to ensure that our students remain meaningfully engaged with their learning while also enjoying a well-deserved period of rest and rejuvenation. The Summer Vacation Homework for Classes IX to XII has been thoughtfully designed to promote **creativity, independent thinking, and application-based learning**, while maintaining a healthy balance with relaxation.

Kindly take note of the following guidelines:

- Encourage your ward to complete the assigned work **independently**, with sincerity and creativity.
- All homework should be **neatly presented on A-4 sheets and compiled systematically in a single, well-organized file** for all subjects.
- Ensure that the work reflects **clarity, proper labeling, and thoughtful effort**, rather than mere completion.
- All assignments must be **completed and submitted to the respective subject teachers on the first day of school after the summer vacation**.
- Students are advised to **plan their work in advance** and avoid last-minute rush.
- For any queries or assistance, students/parents may **contact the respective subject teacher or the academic coordinator**.

We sincerely appreciate your support in guiding your ward to utilize this time productively and develop a sense of responsibility towards self-learning.

Wishing you and your family a **safe, happy, and refreshing summer vacation!**

**Warm regards,**

**Principal**

**Vidyavati Public Central School**

## HUMANITIES

Task (Choose ANY ONE Project)

Prepare a research-based project (1200–1500 words) on any one theme:

- India and its global relations (any one country)
- Partition of India – causes & impact
- Indian Economy (any current issue like GST, unemployment, digital economy)
- Sustainable Development / Environmental Issues
- Role of Government Policies (Budget, RBI, etc.)

Make it Creative:

- Include case studies / real-life examples
- Add charts, timelines, maps
- Give your own opinion in conclusion

## COMMERCE

Task 1: Business Project (Compulsory)

Choose any one product/service and prepare a mini business plan:

Include:

- Product idea & features
- Competitor analysis (any 3–5 brands)
- Pricing & profit estimation
- Packaging & branding (logo + tagline)
- Marketing strategy (how you will sell it)

Task 2: Financial Awareness (Choose ONE)

- Analyze financial statements of a company  
OR
- Study a topic like GST / Budget / Cashless Economy

Add real examples + simple charts

## SCIENCE

Task 1: Scientific Investigation (Compulsory)

Choose any ONE topic:

- Electrochemistry in daily life
- Applications of electricity/magnetism
- Human health (cancer, immunity, etc.)
- Mathematical concepts in real life

Explain:

- Concept
- Real-life applications
- Diagrams/examples

Task 2: Application-Based Task (Choose ONE)

- Observe your surroundings and explain science/maths behind it
- Create a simple model / experiment
- Collect data (traffic, water, electricity use) and analyze using graphs

## English

Task 1: Reading Reflection

- Read any book
- Select 5 impactful lines
- Write your thoughts (why meaningful / what you learned)

Task 2: Creative Expression (Choose ONE)

- Write a short story (300–400 words)  
OR
- Write a poem using literary devices

### **Hindi**

कार्य 1: साहित्य और जीवन

- किसी भी कविता/गद्यांश का चयन करें।
- उसका भावार्थ अपने शब्दों में लिखें।
- उससे मिली सीख को अपने जीवन से जोड़कर लिखें।

कार्य 2: सृजनात्मक लेखन

- 8–10 पंक्तियों की स्वरचित कविता  
या
- 300 शब्दों का लघु लेख/अनुभव लेखन

### **Computer Science**

Task 1: Research-Based Learning

- Topic: “*Emerging Technologies in Daily Life*” (AI, Cybersecurity, Data Science, etc.)
- Write in 300–400 words:
  - What it is
  - Where it is used
  - Its future impact

Task 2: Practical Application (Choose ONE)

- Create a simple Python program (e.g., student record, calculator, etc.)  
OR
- Create a diagram/flowchart/infographic explaining a technology

### **Physical Education**

- Prepare a 4–5 page assignment on any one topic related to:
  - Fitness and health
  - Role of sports
  - Technology in sports

Include real-life examples

### **Painting**

Task: Art Integrated Creative Work

- Create one original artwork on any one theme:
  - Nature and Environment
  - Indian Culture and Heritage
  - Social Issues (e.g., cleanliness, education, equality)
  - Abstract Art (use of shapes, colours, patterns)