



**N.K. BAGRODIA PUBLIC SCHOOL**  
**SECTOR-9, ROHINI, DELHI -110085**

# **HOLIDAYS HOMEWORK**



**CLASS = 10**

**SESSION : 2025 -2026**

*"Each day is an opportunity to grow wiser and stronger"*

**ENGLISH**

## 1. Authorgram " – Imaginary Instagram Profiles of Authors

- Choose 2 authors/poets from your syllabus.
- Create a mock Instagram profile for each, including:
  - Username, bio, 3 “posts” with captions
  - Include a quote or word they're known for
  - Add 5 hashtags using rich vocabulary and themes they wrote about.

**Note: to be done on A4/A3 size sheet and to be pasted in the English Fair Register**

## 2. Poetic Words Jar” – Vocabulary Through Poetry

- Pick any 3 English poems (from the syllabus)
- From each, pick 3 words/phrases that are unique or expressive
- Write their meanings, poetic effect, and create one original line of poetry using each
- Present in a “word jar” format

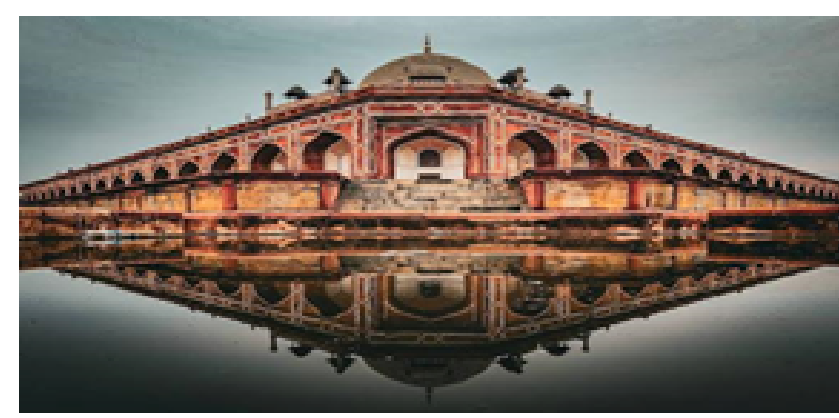
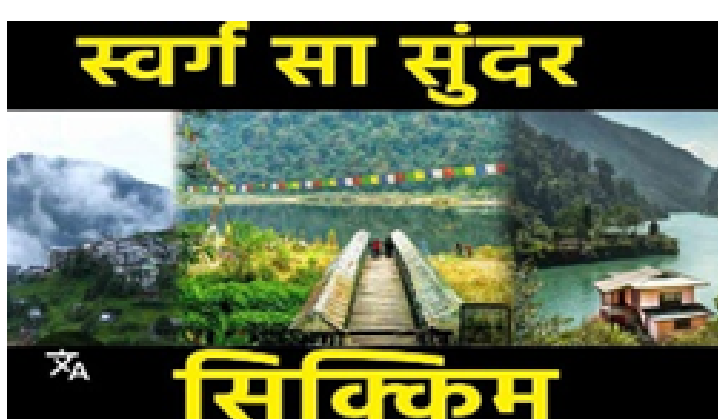
**Note: to be done on A4/A3 size sheet and to be pasted in the English Fair Register**



# HINDI

1. बड़े भाई साहब : पेपर फोल्डिंग से दो पतंगें बनाकर, एक बड़े भाई की और दूसरी छोटे भाई की, साथ उड़ती पतंगें दिखाते हुए कोई संवाद/ गिल्ली डंडा भारत का ग्रामीण खेल है जो अपने समय में बहुत अधिक प्रिय खेल माना जाता था, उसी प्रकार के अन्य चार खेलों की खोज कीजिए और एक परियोजना गिल्ली डंडे सहित बाकी चारों खेलों की सचित्र बनाइए। (सभी के लिए अनिवार्य)

2. 'तताँरा-वामीरो' पाठ के आधार पर अंदमान-निकोबार द्वीप समूह, सिक्किम एवं दिल्ली के दर्शनीय स्थलों, रहन-सहन की जानकारी एकत्र कर उनका तुलनात्मक वर्णन करते हुए सचित्र परियोजना बनाइए। (सभी के लिए अनिवार्य)



3. प्रस्तुति :

- प्रत्येक विद्यार्थी अपने विचार को "शाक्स" जज के सामने प्रस्तुत करेगा।
- शोरूम एवं अपने उत्पाद का एक अच्छा-सा नाम लिखिए।

प्रश्नोत्तर सत्र

- "आपका उत्पाद दूसरों से अलग कैसे है?"
- आप इसका प्रचार कैसे करेंगे?" (विज्ञापन)
- "हमें आपके व्यवसाय में निवेश क्यों करना चाहिए?" कारण लिखिए।





# SANSKRIT

१) 'अंडमान-निकोबार' अथवा 'लक्षद्वीप' - इनमें से किसी एक विषय पर - भौगोलिक स्थिति , ऐतिहासिक महत्त्व , कला एवं संस्कृति , जनसंख्या , पर्यटन आदि बिंदुओं को आधार बना कर, संस्कृत में 10 पंक्तियों का लघु-निबंध कॉपी में लिखें तथा तत्संबंधित चित्र भी लगाएं।

२) 40 अंक की इकाई परीक्षा के निमित्त पुनरावृत्ति करें।



# FRENCH

## **A. Activity: In a separate File**

Do a comparative study between Corsica and Andaman and Nicobar Islands keeping in mind the rubrics such as climate, geographical location, language, culture, touristic spots, ethnicity, etc.

### **Objectives:**

1. Students should be able to know the Indian and French islands better and in all their aspects.

2. Assignment:

Do a comparative study between Corsica and Andaman and Nicobar Islands.

## **B. Pratiquez la Compréhension Écrite de Subject Enrichment booklet**



# MATHEMATICS

## Experiment Zone

### Objectives:

- Creating next generation learning.
- Victory over Mathematical Phobia.
- Innovative platform for learning by doing.
- Supplements regular teaching learning process.

**To fulfil the objectives mentioned above, perform the following activities in your LAB FILE.**

- To verify the sum of 1st  $n$  natural numbers is  $n(n+1)/2$  graphically.
- To verify the sum of first  $n$  odd natural numbers is  $n^2$  graphically.
- To prove the formula of Curved Surface Area and Total Surface Area of Cylinder by paper cutting and pasting method.

**2. "Practice makes a man perfect." Do regular practice of following chapters**

**from NCERT and Subject Enrichment Booklet:**

- Real Numbers
- Polynomials
- Triangles
- Introduction to Trigonometry



**In continuation to this, Do complete the Holidays Home Work Assignment in Home Work register.**

# SCIENCE

**Explore the given scientific concept and express it through a fun and engaging comic strip using following elements.**

- Engaging characters
- A clear narrative or scenario
- Visual storytelling
- Text and dialogue
- Minimum of 4 panels

This interdisciplinary activity, blending science and art, should be presented on an A3 sheet.

You may select any one topic from the list of topics assigned to your section.

## 10A

- Reaction ruckus
- Acid-base antics
- The reactivity rumble

## 10B

- Light's Twists and Turns: Exploring Reflection & Refraction
- Stay Grounded, Stay Safe: The Principles of Electrical Safety
- Current's Invisible Dance: Magnetism's Visible Show!"

## 10C

- Light's Twists and Turns: Exploring Reflection & Refraction
- Stay Grounded, Stay Safe: The Principles of Electrical Safety
- Current's Invisible Dance: Magnetism's Visible Show!"

## 10D

- Captain Red Blood's Journey
- Hormone havoc
- Life's little secrets

## 10E

- Reaction ruckus
- Acid-base antics
- The reactivity rumble

**This assignment provides an opportunity to demonstrate your understanding of science in a creative and engaging way. We encourage you to be imaginative and have fun while accurately representing your chosen scientific concept.**



# SOCIAL SCIENCE

**Prepare a project report on any of the following given topics-**

## **1. Social Issues**

"Lasting solutions to many social problems will be found only as we each learn to say: I am society."

**Prepare a project report on the impact of different social issues on the Nation's social, economic, and cultural lives using the following indicators -**

1. Any one or multiple social issues
2. Impact of such issue on the economy of the nation
3. Impact on community and civil society and their cultural practices
4. Statistical and graphical presentations

Or

## **2. Consumer Awareness**

**"Consumer awareness is rather a campaign for the security and protection of consumer rights."**

**Prepare a project report on the importance of consumer awareness keeping the following indicators in view-**

1. Global consumer movement
2. Consumer rights and responsibilities
3. Consumer rights forum in India
4. Consumer awareness
5. Statistical and graphical presentation

Or

## **3. Sustainable Development**

"There is enough for everybody's need and not for anybody's greed."

Sustainable development is the need of the hour. Non-renewable resources

Of energy are depleting fast and the need to search for alternate sources

Of energy is increasing day by day.



# SOCIAL SCIENCE

## **Prepare a project report on the alternate sources of energy keeping in view**

Sustainable development and the following indicators-

1. The alternate sources of energy
2. Places, where they are found and various uses
3. Introduction of the concept of sustainable development
4. Importance
5. Suitable facts and figures
6. Statistical and graphical presentation

### **Important instructions:**

Methodology:

1. **10 to 15** A-4 sheets, compiled as a single file OR 15 to 20 slides of ppt presentation.
2. The project should be creative.
3. Make good use of pictures, newspaper clippings, graphs, etc. Note: any other innovative method of online submission is welcomed but shall be first discussed with the respective teacher.

### **Content**

1. Cover page
2. Name, class & section
3. Acknowledgement
4. Index
5. Introduction
6. Main content coupled with pics, diagrams
7. Statistical and graphical presentation through graphs, newspaper Cuttings, government orders, etc.
8. References / bibliography
9. Conclusion (compiled report of the project)

•

# INFORMATION TECHNOLOGY

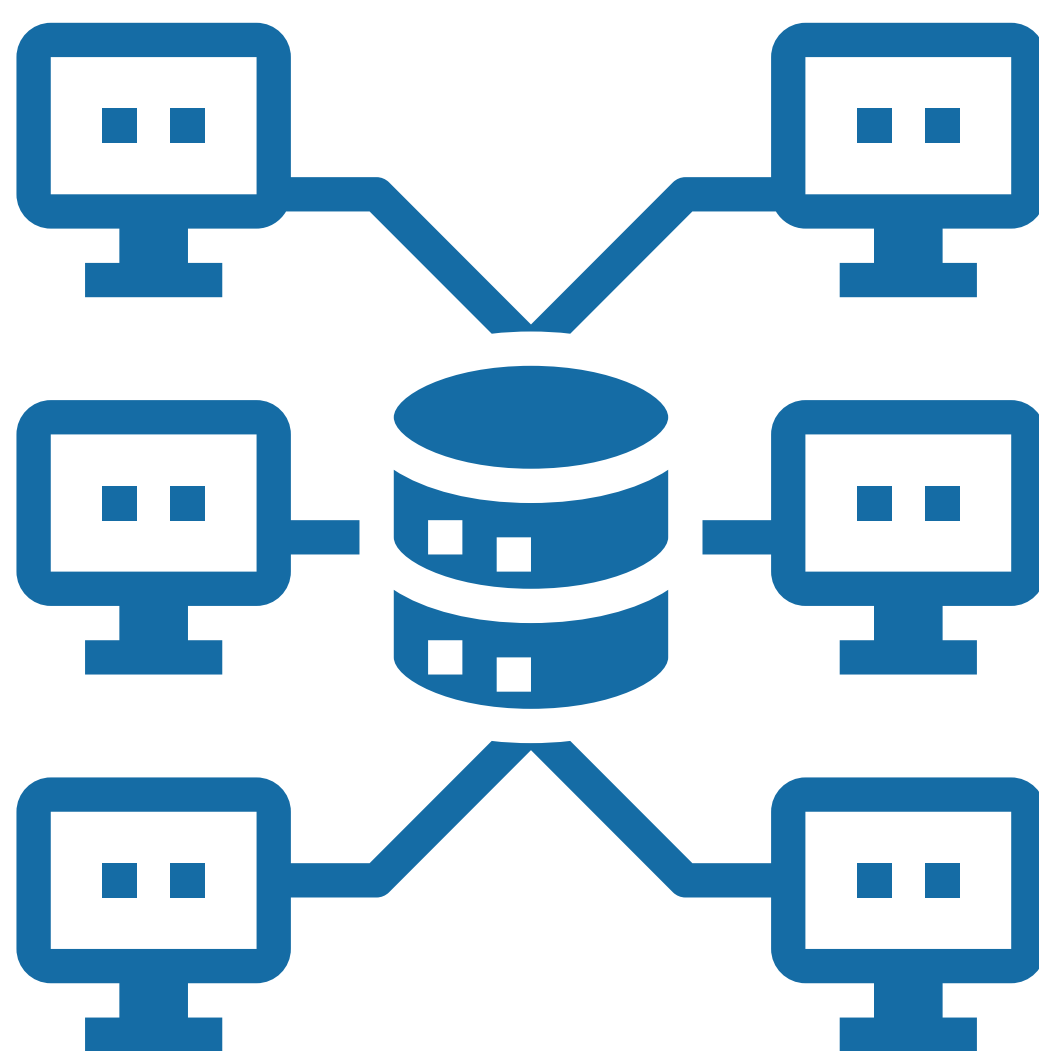
## A. Database Management Systems

1. Make a table in LibreOffice Base / MS Access / MySQL with the following fields:
  - a. StudentID, Name, Class, Marks, Grade
2. Add at least 5 records
3. Write and practice the following queries:
  - a. Display all records
  - b. Display students with marks above 80
  - c. Sort students by grade

## B. Create your resume using LibreOffice Writer.

(Digital Documentation)

## C. Revise your syllabus thoroughly for the upcoming Unit-1 Examination.



# SUMMER HOLIDAYS

"Summer holidays are a pause button for life—time to explore, dream, and grow beyond the classroom."

- **Relax and Rejuvenate** – Take time to rest and refresh your mind after a busy academic schedule.
- **Revise Key Concepts** – Review important topics from the previous year to stay sharp.
- **Develop a Reading Habit** – Read storybooks, novels, or informative books to improve vocabulary and comprehension.
- **Explore Hobbies** – Spend time on hobbies like painting, music, sports, or any creative activity you enjoy.
- **Stay Physically Active** – Play outdoor games or exercise regularly to stay fit and healthy.
- **Learn New Skills** – Try something new like cooking, coding, a new language, or any online course.
- **Follow a Routine** – Have a balanced daily routine to manage your time well between rest, study, and fun.
- **Limit Screen Time** – Avoid excessive use of mobile phones or video games and focus on productive screen use.
- **Help at Home** – Support your parents in daily chores to learn responsibility and teamwork.