



**JAIN HAPPY SCHOOL**  
**Holiday Homework, 2025-26**

**Class X**

*Some of your best ideas come when you're on vacation."*

Summer vacation is a time when students can ease and enjoy their interim. It is a time to catch up, spend time with family, friends and range over new hobbies. Let's create some fabulous memories.

During these vacations, students also get the lucky chance to learn new things. Let's not only play and have fun but also explore new Dimensions of your Subject in new fun ways.

As the sun sets, painting the sky with hues, Summer holidays bid us adieu. But the memories linger, like a gentle breeze, reminding us of the joys and filling our hearts with ease.

**Enjoy the holidays**





*Let's Learn & Create Together.....*

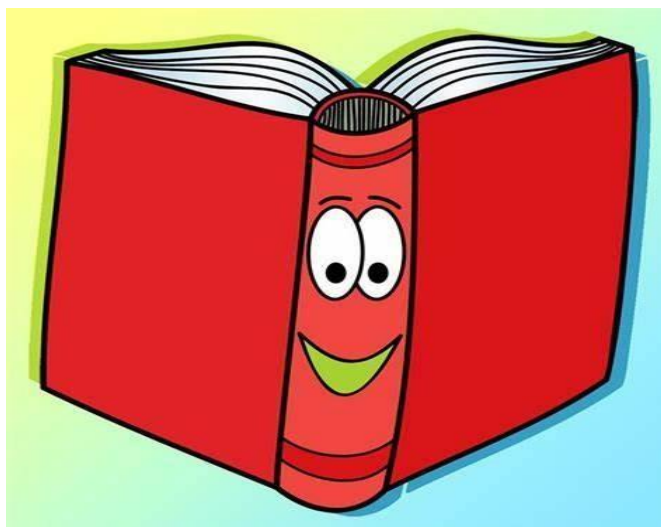
## Project Work

### 1. Design a Book Cover

A book cover is a curtain of visual elements- images, typography, and colour. A successful cover design is aesthetically pleasing and has the marketable design. Follow the given steps and design a creative book cover

- Structure your layout
- Use a compelling image
- Perfect typography
- Refine your colour palette
- Choose a suitable format and size

Read the book- Diary of a Young Girl by Anne Frank and design a book cover for the same.



### 2. Project Work

"Prepare a creative and informative project on '**Glimpses of India**' that explores the unique features of the three parts in the chapter—**Coorg, Tea from Assam, and Baker from Goa**. Use visuals, maps, and personal insights to showcase how these places reflect the rich diversity of India.

### 3. Travel Brochure

Research about places to visit in Lakshadweep and Andaman & Nicobar Islands. Prepare a Travel Brochure of any one place describing the location, ways to reach there, weather, the best time to visit, flora and fauna, food, suggested activities, cultures, etc.

Use pictures, draw borders around the pictures, and give details about the same. There should be interesting and catchy headings above each detailed paragraph.

Each picture in the brochure should have a CAPTION. Prepare your Travel Brochure as per the following

ROLL NUMBER	NAME OF PLACE
1-20	Sikkim
21-40	Delhi



#### 4. Biography

Write a detailed biography of Nelson Mandela, highlighting his early life, role in the fight against apartheid, years in prison, presidency, and lasting legacy. Include important dates, achievements, and personal qualities that made him a global symbol of peace and justice. You may include relevant images, quotes, or timelines to enhance your presentation.



#### 5. Writing Skills

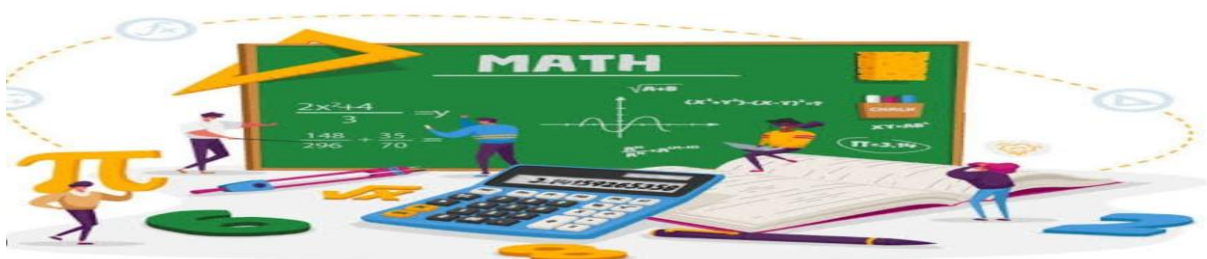
Write the letters on ruled punched sheets and submit in a file.

- Tourism, one of the biggest and fastest-growing industries globally, affects the nation's economic, socio-cultural, environmental, and educational resources. Improving the tourism industry in India would thus lead to National Development in many spheres. As Ankit/Ankita write a letter to the Editor of The Times of India expressing your views on the same. (100-120 words)**
- Write a letter to the Editor of a newspaper highlighting the need for stronger environmental laws and stricter implementation of to combat climate change. Provide suggestions and express your concern.**



## Submission of Holidays Homework

- Kindly complete the work as directed.
- Holidays Homework must be submitted on the 1<sup>st</sup> Monday after vacation. Internal marks are to be awarded according to the work done, presentation and cleanliness.
- X A submit the homework at [jhsbindu@gmail.com](mailto:jhsbindu@gmail.com)  
X B submit the homework at [97mahimasharma@gmail.com](mailto:97mahimasharma@gmail.com)



## SUBJECT - MATHEMATICS

### ART INTEGRATED PROJECT

Topic: Triangles

State Paired with: Andaman Nicobar/ Lakshadweep

Subjects Integrated: Mathematics and Art Project:

Research on the Tribal Textile of Andaman Nicobar/Lakshadweep and the Mathematical concepts involved in the design. The textile patterns, geometric pattern Zig-Zag lines and angular designs can be.



### Learning Objectives:

Understand the Beautiful Textile Art of Andaman Nicobar/ Lakshadweep.



- Create awareness about the Tribal art forms of our country.
- Improve their cognitive abilities.
- Integrate Maths with different art forms.

#### Project Presentation

- Students need to complete the project in groups of 5 students.
- Presentation of the Project should be through PPT.

**Subject Enrichment Activity:** Maths lab activities on the following topics are to be completed in Maths Lab Manual.

- To obtain the condition of consistency for a system of linear equations in two variables by graphical method.
- To find out the number of zeroes of a quadratic polynomial by graphical method.
- Verification of Basic Proportionality Theorem by paper cutting method.

**Assignment.** Maths assignments are to be completed for the following topics:

- Real Numbers
- Polynomials
- Pair of Linear Equations in two variable
- Quadratic Equations



## Class X - Science Holiday Homework

### 1. Chapter Revision Assignments

- Chapter 1: *Chemical Reactions and Equations* – NCERT Intext and Exercise Questions
- Chapter 6: *Life Processes* – NCERT Intext and Exercise Questions
- Chapter 3: *Metals and Non-Metals* – Solve Numerical Problems and Concept Questions from NCERT Exercises

☛☐ Note: Attempt the questions systematically in a thin notebook.

### 2. Project Work (Choose Any One)

- Model Making: Create a 3D working model or chart showing:
  - Types of Chemical Reactions, OR
  - Human Digestive System / Circulatory System  
(Use recyclable material wherever possible.)
- Poster Making: Design a poster on:
  - "Eco-Friendly Technology" or
  - "Renewable Sources of Energy"  
(Use an A3-size sheet.)

### 3. Research Assignment

Prepare a handwritten research report (6–8 pages) on any one of the following topics:

- Green Chemistry and Its Importance
- Innovations in Healthcare Technology
- Role of Metals in Modern Life
- Sustainable Development and Science

☛☐ Add images, flowcharts, and real-life examples for better presentation.

### ☛☐ 4. Fun Activity – Kitchen Chemistry

Record any two real-life chemical reactions happening at home.

Examples:

- Cooking food (e.g., browning of potatoes)

☛☐ Cleaning with baking soda and vinegar

- Setting of curd

For each, mention:

- The chemical reaction
- Balanced chemical equation (if applicable)
- Importance of the process

#### 5. General Instructions

- Write neatly, underline key points, and maintain proper margins.
- Creative and well-presented work will earn appreciation certificates.
- Submit all tasks on or before the first working day after holidays.
- 
- Label your project/chart models properly.

#### ART INTEGRATED PROJECT

Make an art integrated project on “ unique geological and environmental characteristics of the Andaman and Nicobar islands, or the biodiversity of the coral reefs

##### Fun Fact!

Did you know?

*If you could fold a piece of paper 42 times, it would reach the Moon!*

#### SOCIAL SCIENCE

#### CLASS – X

#### HOLIDAYS HOME WORK

#### SUBJECT ENRICHMENT PROJECT WORK

Each student will prepare a handwritten project on the following topic with following guidelines:

##### TOPICS:

CONSUMER RIGHTS

OR

SOCIAL ISSUES

OR

SUSTAINABLE DEVELOPMENT

( select any 1)

- Type of project - Individual Project
- It should be hand- written by the student (no print-outs).
- Project should have 18-20 pages (use both the sides of the page)
- A-4 size –(one side plain and one side lined or colored sheets, colors, graphs, maps, pictures etc.



- Your project should be spiral bound.

Instructions and guidelines: Project will be developed and presented in the following order:

1. Cover Page- It should have - Title of the project and a slogan related to your topic, student's name, Admn. No., Roll no. (Sample below)
2. Index Page - it will contain all the sub- topics of the content
3. Acknowledgement Page - To the institution, teachers, library, places. Visited and the persons who helped them in preparing the project.
4. Content – Content/ main part of the project should include the following: -

Under the topic 1. Consumer Awareness,

Students must include a precise report of different laws /consumer rights and acts passed for the protection of consumer rights. How can citizens use these rights? Also suggest ways to improve the system.

Art Integration Activity: Using any one art form, students to integrate the selected topic to create the following:

Make a PAMPHLET on “Consumer Awareness programme”

Ek Bharat Shrestha Bharat activity: “SUSTAINABLE ANDAMAN AND NICOBAR

the Indian state of Andaman and Nicobar is working towards Sustainable Development ISLANDS”

Prepare a leaflet on how. Include the following points:

Andaman and Nicobar's efforts to end plastic pollution

Building green facilities with attention to renewable energy. Organic farming in Andaman and Nicobar

Under the topic 2. Social Issues

A Students must research on the varied Social Issues prevailing in our society e.g. Gender Discrimination, Communalism, unemployment, poverty, female foeticide etc. include a precise report on different measures adopted by government against various social issues. Student should also give their suggestions /ideas/opinions for the removal of all social evils from the Indian society.

B. Art Integration Activity: Using any one art form, students to integrate the selected topic to create the following-

For school magazine make CARICATURES on any one social evil prevalent in Indian society.

C. Ek Bharat Shrestha Bharat activity: “SUSTAINABLE ANDAMAN AND NICOBAR

the Indian state of Andaman and Nicobar is working towards Sustainable Development ISLANDS”

Prepare a leaflet on how. Include the following points:

Andaman and Nicobar's efforts to end plastic pollution

Building green facilities with attention to renewable energy. Organic farming in Andaman and Nicobar

Under the topic 3. Sustainable Development

A Students must include the methods and ways to incorporate and implement the principles of sustainable development in our day-to-day life. Research and mention government plans towards sustainable development. Suggest innovative ways for Sustainable development.

B Art integration activity: Using any one art form, students to integrate the topic to create the following:

By imagining as a member of school cultural society, prepare an INVITE (pictorial) for a

“QUIZ” to be conducted by school on- “Sustainable Development: Need of the Hour”

C Ek Bharat Shrestha Bharat activity: “SUSTAINABLE ANDAMAN AND NICOBAR

the Indian state of Andaman and Nicobar is working towards Sustainable Development ISLANDS”

Prepare a leaflet on how. Include the following points:

Andaman and Nicobar’s efforts to end plastic pollution

Building green facilities with attention to renewable energy. Organic farming in Andaman and Nicobar

- LEARN ALL LESSONS DONE SO FAR

## Chapter – 1 Power Sharing

### Worksheet

#### VERY SHORT QUESTION ANSWERS-

1. What is power sharing?
2. Which two languages are generally spoken in Belgium?
3. What were the causes of the ethnic tension in Brussels?
4. Who elects the community government in Belgium?
5. What is Majoritarianism? Name a country which has lost peace due to this .
6. Name the two main basis of social division in Sri Lanka.
7. Name the two sub groups of Tamils in Sri Lanka.
8. In which part of Sri Lanka , the Sri Lankan Tamils concentrate?
9. Which community in Sri Lanka enjoys majority?
10. Which country has adopted Buddhism as its official religion?
11. Why are some Tamils in Sri Lanka called Indian Tamils?
12. When did Sri Lanka emerge as an independent nation?
13. What is ‘division of powers between higher and lower levels of government’ called?
14. What is community government?
15. What is the system of checks and balances in power sharing?
16. How many times between 1933 and 1970 was the Belgian Constitution amended?
17. What is the language spoken by the people residing in the Wallonia region of Belgium?
18. What does the word ‘ethnic’ signify?
19. Which is the state religion of Sri Lanka?
20. What is the meaning of civil war?

#### Short/Long question answers-

1. What is the population of Belgium? Describe the ethnic composition of this country.
2. How have Belgium and Sri Lanka dealt with the question of power sharing differently?
3. Describe the tension that exists between the Dutch and the French speaking people in Belgium.
4. What is the relation between democracy and power sharing?
5. Why did the relation between the Sinhala and Tamil communities strain over time?
6. What were the demands of the Sri Lankan Tamils?
7. What do you mean by community government? Explain some of its features.
8. How is the political system in Belgium innovative and different from other countries of the world? Explain.
9. What were the reasons for the alienation of Sri Lankan Tamils? What was the effect of this on the country?
10. What were the provisions of the 1956 Act? How did it affect the Sri Lankan Tamils?
11. What caused the civil war in Sri Lanka? How did it cost the country?
12. Why is power sharing desirable?

13. Give a comparative study of the principle of accommodation adopted in Belgium and the principle of majoritarianism adopted in Sri Lanka. Which one is based on the human values?
14. Explain , how power is shared among different organs of government?
15. Describe the way in which power can be shared among governments at different levels.
16. What are the different forms of power sharing in modern democracies? Give an example of each of these?
17. How were the ethnic problems solved in Belgium? Mention any four steps which were taken by the government to solve the problems?

**OR**

Explain how Belgium was able to resolve her ethnic problem.

18. 'Both Belgium and Sri Lanka are democracies but they follow different systems of power- sharing'. Support the statement by giving three points of differences.

19. Explain the differences between horizontal power-sharing and vertical power sharing.

**Resources and Development**

### **WORKSHEET**

#### **VERY SHORT QUESTION ANSWERS -**

1. What is the role of human beings in the development of a resource?
2. How can the resources be classified on the basis of origin?
3. What are abiotic resources?
4. What are biotic resources?
5. What type of resources are minerals and fossil fuels?
6. What are developed resources?
7. Give two examples of community owned resources?
8. Mention two global ecological crisis.
9. When and where was the first International Earth Summit held?
10. Which states are rich in minerals and coal deposits?
11. What does the cold desert of Ladakh lack in?
12. State any one reason for overuse of resources.
13. Which is the most widespread relief feature of India?
14. What is Net Sown area?
15. Mention any two man- made and two natural factors responsible for land degradation.
16. What is the main cause of land degradation in Punjab, Haryana and Western Uttar Pradesh?
17. Suggest any two ways to check land degradation?
18. Which soil is the most widely spread in India?
19. Which soil is ideal for growing cotton also write its other names?
20. What do you mean by bad lands?
21. What are gullies?

#### **LONG QUESTION ANSWERS –**

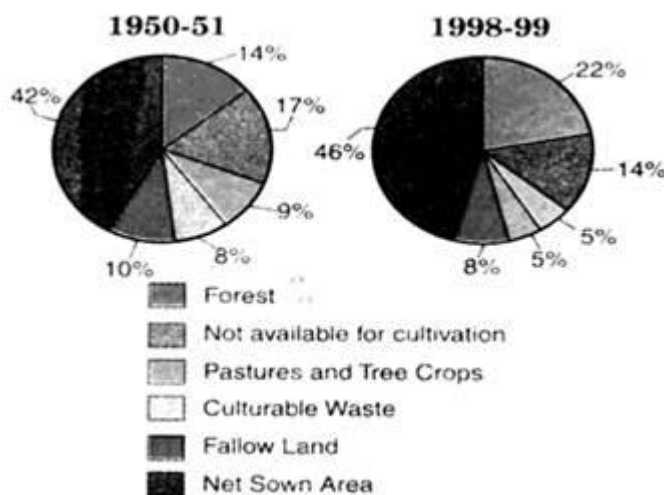
1. What is resource planning? Describe the three stages of resource planning in India.
2. What is the importance of NATURAL resources? Why is it necessary to conserve them?
3. How can we classify the resources? Explain classification on all basis.
4. Explain the major factors which are responsible for the formation of soil?
5. Mention the factors on which the land use pattern of India depends upon.
6. Suggest any six measures to solve the problem of land degradation in India.
7. Why is it essential to have resource planning ? Give reasons.



8. Which is the most widely spread and important soil of India? State any six characteristics of this type of soil.
9. Explain the formation and important features of the Laterite soil.
10. Explain any four proper farming techniques which can be used for soil conservation.
11. 'India is rich in certain types of resources but deficient in some other resources.' Support your answer with examples.
12. 'Land is a natural resource of utmost importance.' Elaborate the statement with the help of suitable examples highlighting the value of land resources.
13. 'Indiscriminate use of resources has led to numerous problems.' Justify.
14. Distinguish between khadar and Bangar also write its one similarity.
15. 'India has land under a variety of relief features.' Justify.
16. Compare the diagrams showing land use pattern of India and answer the questions that follow:

#### INDIA

Land use 1950-51 and 1998-99



- (a) Name the two categories under which the area in use has increased and decreased.
- (b) Give at least one reason for this increase and decrease in these categories.

#### SUBJECT - HISTORY

##### RISE OF NATIONALISM IN EUROPE

##### UNIFICATION OF ITALY/ UNIFICATION OF GERMANY.

The assignment has to be prepared of 4-5 pages on the Unification of Italy or Unification of

Germany. The assignment must include the reasons for the unification and nationalism within these nations and how the unification brought changes and revolutions in the whole of the European countries.

##### LEARNING OUTCOMES:

- Recognizes the role of Otto Van Bismarck in the unification of Germany.
- Observes the map of Italy and understand the various developments responsible for the

unification of Italy.

The assignment must include the following:

- 1) Index
- 2) Maps
- 3) Pictures of Unification
- 4) A good web search

**Art and craft holiday  
h.w**



**Class XA-** make this craft with card board, foil paper, wall putty etc. link will be shared in your class group.



**Class XB-** make this beautiful hanging with card board, beads etc. link will be shared in your class group.

**Art-** Make a painting on the theme of madhubani art in A-3 size 9.45 pm

# **Computer Holiday Home Work**

## **Class X**



- ❖ LEARN AND REVISE ALL THE WORK DONE IN THE CLASS
- ❖ MAKE A BEAUTIFUL CHART AS PER YOUR ROLL NUMBER TOPIC:
- ❖ ROLL NO:1-10 INTERNET BASIC
- ❖ ROLL NO:11-20 CYBERETHICS
- ❖ ROLL NO:21-30-HTML
- ❖ ROLL NO: 31-40- CYBERETHICS
- ❖ WRITE A BASIC HTML STRUCTURE ON NOTEPAD AND TAKE INPUT AND OUTPUT SCREENSHOT PRINTOUT ON COMPUTER REGISTER.





## कक्षा - दसवीं

### संस्कृत

1. समास के 10-10 उदाहरण लिखें ।
2. संख्यावाची शब्द लिखकर याद करें । (1से100 तक)
3. पाठ्यक्रमानुसार शब्द व धातु रूप लिखकर याद करें।
- 4 संस्कृत भाषा से सम्बंधित एक गीत लिखकर याद करें। व इस वीडियो को देखकर संस्कृत में सम्वाद तैयार करें ।

<https://youtu.be/OV2L8gdl6g4>

- 5 निम्न विषय पर कोई एक सुन्दर प्रोजेक्ट चित्र सहित तैयार करें --- श्रीमद् भगवद्गीता , वेद , रामायण आदि ।

(रोल नंबर -1 से 10)

- 6.गुरुकुल शिक्षण प्रणाली व आधुनिक शिक्षण प्रणाली, संस्कृत के प्रमुख कवियों व उनकी प्रमुख रचनाओं के ऊपर प्रोजेक्ट तैयार करें।(रोल नंबर -11 से 20)

- 7.समास,संधि, प्रत्यय ,अव्यय शब्द, संस्कृत में समय, वाच्य व अशुद्धि संशोधन ऊपर एक सुंदर पीपीटी तैयार करें।(रोल नंबर -21 से 30)

8. सिक्किम राज्य की भाषा मे संस्कृत भाषा के प्रचारक कवि व लेखकों के योगदान की एक प्रोजेक्ट फाइल तैयार करें। सभी छात्रों के लिए अनिवार्य है



## कक्षा - 10

### ग्रीष्मकालीन गृहकार्य 2025 - 26

1. प्रतिदिन अपनी हिन्दी की पुस्तक का वाचन करें।
2. प्रतिदिन समाचार पत्र पढ़ें और कोई 5 खबरें जो आपको अच्छी लगी हो उसे A-4 सीट पर चिपकाइए।
3. इनमें से कोई भी 2 फिल्म देखिए और उनसे मिलने वाली कोई पाँच शिक्षाएं लिखिए और उस फिल्म की फ़ोटो भी लगाएं। (A 4 सीट पर )
  - 🌸 तारे जमीन पर
  - 🌸 आई एम कलाम
  - 🌸 बाग़बान
  - 🌸 हिचकी
  - 🌸 चॉक एंड डस्टर
4. व्यक्ति के जीवन में परिवार का क्या महत्व होता है? अपने शब्दों में लिखिए। ( हिंदी की कॉपी में)
5. निम्नलिखित विषयों पर अपने अनुक्रमांक के अनुसार PPT तैयार कीजिए और उसे कक्षा में प्रस्तुत कीजिए।
  - 🌸 रचना के आधार पर वाक्य (रोल नंबर 1 से 7 तक)
  - 🌸 अलंकार (श्लेष, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण) (रोल नंबर 8 से 14 तक)
  - 🌸 राम - लक्ष्मण - परशुराम संवाद (रोल नंबर 15 से 21 तक)
  - 🌸 जीवन परिचय सूरदास, तुलसीदास, स्वयं प्रकाश, बालगोबिन भगत (रोल नंबर 22 से 28 तक)
  - 🌸 औपचारिक और अनौपचारिक पत्र (रोल नंबर 29 से अंत तक)
6. गर्मी की छुट्टियों में आपकी दिनचर्या क्या रही? अगर आप कहीं घूमने गए तों उस पर 10 बिंदु लिखिए। (A 4 सीट पर)







# LIBRARY

## SCRAPBOOK PROJECT



### Inspirational Authors



#### Instructions:

- ✓ Choose 5 authors whose writings inspire you.
- ✓ For each author, include:
  - A short biography (5-7 lines)
  - Their famous works
  - How they inspired you (in your own words)



#### Design a creative scrapbook:


- ✓ One page per author
- ✓ Add pictures, drawings, or quotes!



*"A book is a dream you hold in your hands."*







# Physical Education Holiday homework

*Classes IXth TO Xth*

“All of you have to make sports models.”

**Roll no 1 to 10 TOPIC**

- **MINI SPORTS STADIUM**

**Roll no 11 to 20 TOPIC**

- **FOOTBALL / HANDBALL**

**Roll no 21 to 30 TOPIC**

- **ATHLETES EVENTS**

**Roll no 31 to 40 TOPIC**

- **VOLLEYBALL / BASKETBALL**

# Music- Holiday home work

1. Write a detailed note (150–200 words) on any one Indian classical vocalist or instrumentalist (mention Gharana/style, contributions, awards).
2. Write the definitions of the following musical terms:
  - \*Saptak
  - \*Alankar
  - \*Raga
  - \*Taal
  - \*Laya(Use examples where applicable.)
3. Draw the structure of any 2 Taals (like Teentaal, Dadra) with their beats (matras), vibhag, and claps/khali.

