

**SANT NISCHAL SINGH PUBLIC SCHOOL,  
YAMUNA NAGAR**



**HOLIDAYS ASSIGNMENT  
SESSION (2025-26)**

**CLASS: X**

*Dear Students*

*Holidays are eagerly anticipated as a time to unwind, rejuvenate, and explore new interests. To make your summer vacation both enjoyable and enriching, your mentors have thoughtfully crafted homework aligned with the school's vision of "Fun and Learn."*

*These art-integrated and activity-based assignments are designed to spark curiosity, nurture creativity, and deepen knowledge. They will inspire a love for learning and help you return as a more confident, capable, and well-rounded individual.*

Have a great



VaCaTion!

## RECREATIONAL ACTIVITIES

- ❖ ***"A healthy mind resides in a healthy body"***- Pay attention to your health, go for morning and evening walks, avoid consumption of junk food, eat healthy and stay healthy.
- ❖ ***Meditation and Yoga:*** Meditation and yoga practices can help you relax, reduce stress, and improve mental focus. You can follow guided meditation videos or attend local yoga classes if available.
- ❖ ***Outdoor Recreation:*** Spend every day some time outdoors by engaging in activities like cycling, hiking, swimming, or simply enjoying picnics in nature. Fresh air and physical activity can promote relaxation and well-being.
- ❖ ***Open your mind*** for reading newspapers, novels, blogs and stories that will help you in increasing your **vocabulary**.
- ❖ ***Indulge yourself into activities*** like cooking, singing, dancing aerobics, cycling , trekking, swimming, art and craft and gardening.
- ❖ ***Creative Art:*** Engage in creative art activities like painting, drawing, or crafting.
- ❖ ***Online Courses:*** You can enroll in online courses or virtual workshops that align with your academic interests or help you explore new subjects. Platforms like Coursera, Khan Academy, or Udemy offer a wide range of courses across various disciplines.
- ❖ ***Virtual Museum Tours:*** Many museums offer virtual tours, explore art, history, and science exhibits from the comfort of your homes. You can learn about different cultures, historical events, or scientific discoveries.



## **GENERAL INSTRUCTIONS THAT ARE TO BE FOLLOWED**

- ❖ Revise the syllabus thoroughly covered till May.
- ❖ Use eco friendly material to prepare Models or Projects .
- ❖ Make the Project/ Models independently. Ask Parents for guidance and assistance only.
- ❖ Maintain the quality of work done.
- ❖ Write about your Project in a Project File( word limit -200 to 300 words)
- ❖ Minimize the use of gadgets.
- ❖ Develop a skill or hobby. Click photographs, record videos and note your achievements in your Portfolio File.

***NOTE: All photographs & Activity sheets are to be added to portfolio***

## **ENGLISH**

### **FOR ALL STUDENTS**

#### **PROJECT: DIGITAL BOOK REVIEW (Compulsory for All)**

**Read the following books. Create a Digital Book Review & save it in a Pen Drive for submission.**

- **Life's amazing secrets-** by Gaur Gopal Das
- **Chanakya in You-** by Radha krishnan Pillai

**Include the following points to write book review -**

1. Basic Information- Title, Author, Genre, Year of Publication
2. Summary- A short, spoiler-free overview of the story or message
3. Main Characters and Themes
4. Your Opinion
5. Would you recommend it?

**Write Diary Entry**



Take a fresh, hardbound diary and begin writing about your thoughts, feelings, and new experiences during the vacation. Make one diary entry each day for at least 10 days.

Try to make this a regular habit and continue writing even after the vacations.

**ROLL NO.1 TO 10**

### **THE ENGLISH MAGAZINE BUILDER**

Task: Create a 6–8 page English magazine with original content.

Include the following:

- Editorial Note
- Poem
- Book/Movie Review
- Interview (real or imaginary)
- Grammar Game
- Quiz or Crossword

**ROLL NO.11 TO 20**

### **LITERARY ZINE: THEMED ANTHOLOGY**

Task: Design a mini zine (foldable or digital) around a chosen theme like Identity, Conflict, or Nature.

Include: A curated poem, Short story excerpt, Artwork. A quote, One original short piece by you

**ROLL NO. 21 TO 30**

### **GRAMMAR SKILL BUILDER – Real World Application**

Task:

Observe and record 5 real-life grammar mistakes from newspapers, hoardings, or social media for one week.

- Correct them and explain the grammar rule behind each.
- Compile this into a mini scrapbook or PPT titled: “Grammar in the Wild”

**ROLL NO. 31 ONWARDS**

- PROJECT-BASED ASSIGNMENT – THE NEWSROOM PROJECT- English in Real Life

Objective: Recreate textbook events as if you're reporting them in a newsroom.

Task: Act as a news anchor or reporter and present an important event from your textbook.

Include: Breaking News Headline, Location of the event, Character interviews, Eye-witness reports

Format Options:

A) Record a 2–4 minute video in a news-reporting style

OR

B) Write a script with dialogues, headlines, and visuals

Suggested Chapters: A Letter to God, Nelson Mandela: Long Walk to Freedom, The Thief's Story.

## DAYS TO REMEMBER

**WORLD ANTI TOBACCO DAY**  
**31 MAY**

Make a poster on "Say No to Tobacco"



**WORLD ENVIRONMENT DAY**  
**5 JUNE**

Prepare Vertical Garden using waste plastic bottles.



## HINDI

ROLL NO.1 TO 5

- पुराने जमाने में खेले जाने वाले खेल जिन्हें "विस्मृत" खेल कहा जाता है। ऐसे किन्हीं पांच खेलों का चित्र सहित वर्णन करते हुए 10 पेज की फाइल बनाओ।

**ROLL NO.6 TO 10**

- पंजाब राज्य में पैदा होने वाली फसलों का वर्णन करते हुए फाइल बनाओ।उन फसलों का थोड़ा-थोड़ा अंश छोटे पैकेट में संग्रह करें।

**ROLL NO.11 TO 15**

- अपने परिवार के साथ असहाय लोगों से मिले ,उनको उनके जरूर का सामान देकर सहायता करें।सामान की फोटो खींचकर फाइल में लगाए। इस विषय पर एक अनुच्छेद भी लिखें।

**ROLL NO.16 TO 20**

- मामा जी के द्वारा भेजे गए उपहार के लिए मामा जी का धन्यवाद करते हुए एक ईमेल प्रारूप तैयार करें।आप अपनी माता जी के जन्मदिन पर उन्हें स्वयं निर्मित उपहार दें।
- सामग्री - गत्ता,रुई, थर्माकोल, घर की वेस्ट सामग्री।

**ROLL NO.21 TO 25**

- आपातकाल की स्थिति में अपने आप वअपने आसपास के लोगों को कैसे सुरक्षित करें।मॉक ड्रिल का स्थिति में क्या महत्व है 10 पेज की चित्र सहित फाइल बनाते हुए वर्णन करो।

**ROLL NO.26 TO 30**

- हमारे आसपास प्राकृतिक ऊर्जा के कौन-कौन से संसाधन है। इस ऊर्जा को हम कैसे बचा सकते हैं ?10 पेज की फाइल बनाओ,और लोगों को प्रकृति के प्रति जागृत करने के लिए एक आकर्षक विज्ञापन भी तैयार करो।

**ROLL NO.31 TO 35**

- पर्यटन स्थल किस प्रकार आर्थिक विकास को मजबूत करते हैं ?संस्कृति विरासत को सुरक्षित करता है ,और क्षेत्र सतत विकास को कैसे बढ़ावा देता है। इस आधार पर कश्मीर की खूबसूरती और भिन्न-भिन्न पर्यटन स्थलों को दर्शाता रंगीन ब्रोशर अर्थात पत्रिका तैयार कीजिए।जिसमें कुल चार पर्यटन स्थलों की संपूर्ण जानकारी दी गई हो। 10 पेज की एक फाइल तैयार करें।

**ROLL NO.36 TO 40**

- हरियाणा और मणिपुर राज्य के कुछ व्यंजनों की जानकारी इकट्ठा करें।अपने परिवार के सदस्यों के साथ मिलकर व्यंजन का निर्माण करें।अपने व्यंजन को एक रोचक नाम दें। उनकी तस्वीर खींचकर अपने घर बनाए गए भोजन के बारे में कहानी कॉमिक्स trips के माध्यम से लिखें। एक फाइल में लगाएँ।

## DAYS TO REMEMBER

### WORLD OCEAN DAY 8 JUNE

Write “My Ocean pledge”-one thing you will do to protect ocean.



### WORLD BLOOD DONATION DAY 14 JUNE

Write a “Thank you Card” to real life blood donors and send it to a local blood bank.  
(If Possible)



## MATHEMATICS

**Revise chapters 1 to 5 (FOR ALL STUDENTS)**

ROLL NO.1 TO 10

### Population Growth Analysis:

- Research about the current population of your country and at least two other countries for the past 10 years from different continents.
- Use mathematical techniques such as percentage growth rate calculation to analyze the population growth trends in these countries over the past decade.
- Create a bar graph to visually represent the population growth trends of the selected countries (Present it on a Chart paper in a 3D format)

ROLL NO.11 TO 20

### Currency Conversion and Exchange Rates:

- Choose a foreign currency from a country you are interested in or plan to visit in the future.



- Research the current exchange rate between your local currency and the chosen foreign currency.
- Use mathematical calculations to convert a specified amount of money from your local currency to the foreign currency and vice versa.
- Present your findings on a chart paper, Paste the pictures of various currencies and show mathematical conversions. Be as creative as you can.

**ROLL NO.21 TO 30**

**Statistical Analysis of Global Issues:**

- Select a global issue such as climate change, poverty, education, or health care.
- Gather statistical data related to the chosen global issue from reputable sources such as international organizations or research institutions for atleast 6 countries.
- Represent the data collected in the form of bar graphs, histograms, pictographs, pie charts, etc on a chart paper in 3D format.
- Use mathematical techniques such as mean, median, mode, and standard deviation to analyze the data and identify key trends or patterns.

**ROLL NO.31 TO 40**

**VANDE BHARAT EXPRESS:**

A Make in India Success Story Complete the following activities in your lab manual:

•The Government of India has dedicated significant efforts towards strengthening the 'Make in India. campaign. As an excellent example of the 'Make in India' success story, the Indian Railways launched India's first indigenous Semi High Speed train, Vande Bharata Express. The first Vande Bharata Express train was flagged off on February 15, 2019, on the New Delhi-Kanpur-Allahabad-Varanasi route. The Indian Railway sha srecently introduced the new avatar of Vande Bharat: Vande Bharat 2.0with the first train being flagged off by the Prime Minister onSeptember30, 2022 from Gandhi nagar to Mumbai.

- a- Investigate the features and benefits of the new 'Vande Bharat' trains introduced in India. Calculate the average speed of the set rains between any two major cities of Gujarat.
  - b- Identify all Vande Bharat routes in Gujarat and plot the mona bar graph . Find out the longest and the shortest route.
- **Complete the following activities in your lab manual:**
    - 1) To find the zeroes of a Quadratic polynomial Graphically.
    - 2) To obtain the conditions for consistency of a system of linear equations in two variables by graphical method.
    - 3) To verify that the given sequence is an A.P or not .
    - 4) To verify the sum of first n natural numbers of an Arithmetic progression.

## DAYS TO REMEMBER

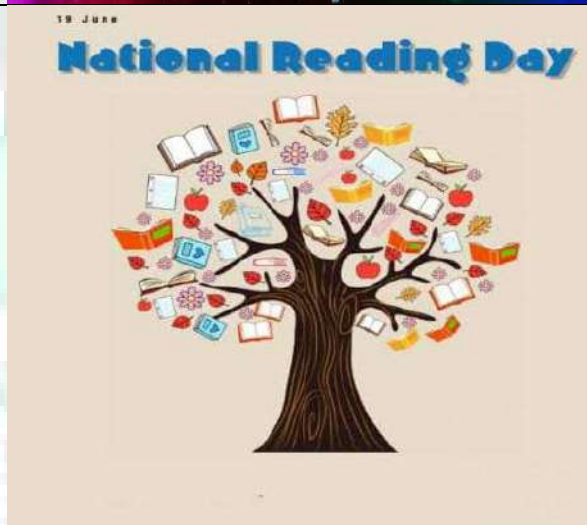
### FATHER'S DAY 15 JUNE

Make your father feel special by making any dish for him. Click photographs.



### NATIONAL READING DAY 19 JUNE

Make Book Mark- Write a quote on "Reading"



## SCIENCE

### 1. Handwritten project on the Following Topic to be Submitted

ROLL NO.01 TO 14- GROUP A

ROLL NO.15 TO 28- GROUP B

ROLL NO.29 TO 42- GROUP C

#### GROUP A

#### 1. The Chemistry of Agriculture: (Roll No.1-5)

Haryana is an agricultural state. Research the types of fertilizers and pesticides commonly used in the region. Investigate their chemical composition, how they work, and their potential impact on the environment.

\* Creative Output: Create a balanced report discussing the benefits and drawbacks of these chemicals, or design a pamphlet suggesting more sustainable farming practices from a chemistry perspective

## **2.Chemical Art and Design: (Roll No. 6-9)**

\* Natural Dye Exploration: Experiment with extracting natural dyes from plants found in your local environment (e.g., henna, marigold, spinach). Research the chemical compounds responsible for the color and the process of mordanting (fixing the dye).

\* Creative Output: Dye a small piece of fabric and create a display showcasing your natural dyes and the chemistry behind them.

## **3.Homemade Indicators: (Roll No. 10-14)**

Investigate how to make natural acid-base indicators using household materials like red cabbage or turmeric. Test the pH of different solutions found at home (lemon juice, baking soda solution, soap solution).

\* Creative Output: Create a colorful chart showing the color changes of your indicators with different solutions and explain the underlying chemical principles.

### **GROUP B**

## **1.Biology in the News (Roll No15-19)**

Collect articles or news reports on topics like new medical discoveries, environmental issues, advancements in biotechnology, or agricultural practices and create a presentation of your findings.

2. Design an engaging and informative brochure or poster with clear explanations, diagrams, and visuals of any one life processes ( Roll no 20-24)

## **3. Investigating Water Sources :(Roll no25-28)**

**Task: Explore a local water source (pond, canal, or even your household water supply).**

Activities:

- Observe the water quality (clarity, any visible pollutants).
- Note the plant and animal life you see in or around it.
- If possible and safe, collect a small water sample (with adult supervision) and observe it under a magnifying glass for any microorganisms.

**Create a presentation of your findings.**

### **GROUP C**

## **.1The Physics of Your Home: (Roll No. 29-33)**

\* Task: Choose any three appliances or systems in your home (e.g., refrigerator, fan, water pump, solar panel if you have one, bicycle).

\* Activity: For each, explain the underlying physics principles at work. Create a visually engaging presentation (could be a poster, a short video, a slideshow, or even a well-illustrated booklet). Include diagrams, explanations of the energy transformations involved, and any relevant formulas you've learned. Bonus points for suggesting ways to improve their efficiency or safety based on physics principles.

## **2. The Physics of Local Transportation: ( Roll No. 34-38)**

\* Task: Observe different modes of transportation in your locality (e.g., bicycles, auto-rickshaws, buses).

\* Activity: Analyze the physics principles involved in their movement, braking, and stability. Consider concepts like friction, inertia, forces, and energy. Create a comparative study, perhaps in the form of an infographic, a short documentary-style video, or a presentation highlighting the advantages and disadvantages of each mode from a physics perspective.

## **3. Nature's Physics Lab: ( Roll no. 39-42)**

\* Task: Explore a natural phenomenon in your surroundings (e.g., the formation of shadows, the movement of leaves in the wind, the reflection of light in a puddle, the formation of dew). (perhaps through a short demonstration).

\* Activity: Explain the underlying physics principles involved. Document your observations with photographs or sketches and provide clear scientific explanations. You could present this as a nature journal or a photographic essay.

## **DAYS TO REMEMBER**

**INTERNATIONAL YOGA DAY  
21 JUNE**

**Perform the Asan as of Surya Namaskar,  
click your photographs**





**INTERNATIONAL DAY AGAINST  
DRUG ABUSE  
26 JUNE**

**Take a pledge-against drug abuse  
“Write this pledge using beautiful  
calligraphy”**



## **SOCIAL SCIENCE**

### **ROLL NO.1 TO 08**

- Environment: "Heat wave Chronicles Mapping the 2025 Climate Crisis in India"

Objective: Understand the impact of climate change through the lens of the 2025 India-Pakistan heatwave.

A comprehensive poster or digital presentation with maps, charts, and suggested mitigation strategies.

### **ROLL NO. 9 TO 16**

- My Manifesto 2025"-Be a Youth Candidate!(Civics)

Linked to :Lok Sabha Elections 2024 and Political Science

- Creative Task:

Students will design their own election manifest to as if they were contesting from a youth party.

Include: key Points-

A slogan and party symbol

Poster or pamphlet design

A short video speech (optional)

### **ROLL NO.17 TO 24**

- "Pictorial Representation of National Political Parties and Their Symbols"

Make a PPT /Chart/Poster showing 5-7 National Political Parties with their names, symbols, and one core ideology or leader.

**ROLL NO. 25 TO 32**

**Timeline Poster**

- Create a colorful timeline showing important events from the chapter "The Rise of Nationalism in Europe".
- Include events like the French Revolution, 1848 Revolutions, and Unification of Germany and Italy etc.

**ROLL NO. 33 TO 42**

- . "Eco-Mission 2025" - Designing Yamuna Nagar's Smart Green City Plan

A 3D model, PPT, or a hand-drawn layout

Awareness poster: "Beat the Heat 2025"

**NOTE - Project File is compulsory for all**

**Prepare a handwritten Project file on the Topic:**

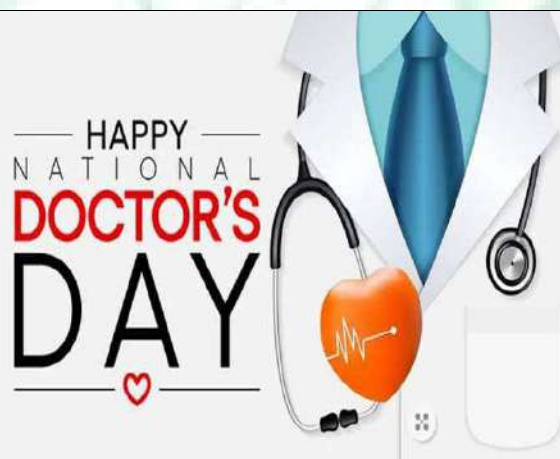
**Consumer Awareness or Social issues (Section A, B, C)**

**Sustainable Development (Section D and E)**

**DAYS TO REMEMBER**

**WORLD DOCTOR'S DAY  
1 JULY**

**Write a Thank you note or email to your  
Doctor for his/her services.**



**INTERNATIONAL PLASTIC BAG  
FREE DAY  
3 JULY**

**Make a beautiful cloth bag for grocery**



## **COMPUTER APPLICATION**

### **(HTML Practical File Work)**

#### **Instructions:**

- Write the following HTML programs neatly in your practical file.
- Use correct indentation and proper tags.
- For each program, paste the print of output on plane side.

#### **1. Basic Web Page**

Write an HTML program to create a basic webpage with a title and a heading (h1). Add a paragraph and a horizontal rule.

#### **2. Text Formatting**

Write an HTML program that displays a paragraph with some bold, italic, and underlined text.

#### **3. Lists**

Write an HTML program to create:

- An ordered list with 3 items (start from 5 and use type = "A")
- An unordered list with 3 items (type = "circle")

#### **4. Description List**

Write an HTML program to create a description list for three HTML tags with their meanings.

#### **5. Font Tag**

Write an HTML program to display a sentence using the <font> tag with different face, size, and color attributes.

#### **6. Image Insertion**

Write an HTML program to insert an image with specific width, height, alt text. Add superscript and subscript in the same program.

## **7. Forms**

Write an HTML program to create a form with the following:

- Textbox for name
- Password field
- Radio buttons for gender
- Checkbox for hobbies
- Dropdown (select) for class

## **8. Embedding Multimedia**

Write an HTML program to embed an audio file and a video file on a webpage.

## **9. Table Creation**

Write an HTML program to create a table with 3 rows and 3 columns. Use rowspan and colspan in at least one place.

## **10. Links**

Write an HTML program that creates:

-

- A link to another webpage using the href attribute
- A mail link using the mailto attribute
- A link that opens in a new tab using the target attribute

# **PUNJABI**

ਵਿਸ਼ਾ: ਪੰਜਾਬੀ ਬੋਲੀ ਅਤੇ ਵਿਰਸਾ

ਹਦਾਇਤਾਂ:

ਤੁਸੀਂ ਆਪਣੇ ਦਾਦਾ-ਦਾਦੀ ਜਾਂ ਨਾਨਾ-ਨਾਨੀ ਨਾਲ ਇੱਕ ਇੰਟਰਵਿਊ ਕਰੋ। ਉਨ੍ਹਾਂ ਨਾਲ ਪੰਜਾਬੀ ਬੋਲੀ ਅਤੇ ਪੁਰਾਣੇ ਸਮਿਆਂ ਦੇ ਜੀਵਨ ਬਾਰੇ ਗੱਲਬਾਤ ਕਰੋ।

ਕੰਮ ਦੇ ਮੁੱਖ ਬਿੰਦੂ ਹੇਠਾਂ ਹਨ:

1. ਇੰਟਰਵਿਊ ਫਾਈਲ ਵਿੱਚ ਲਿਖੋ:

- ਉਨ੍ਹਾਂ ਦੇ ਨਾਂ, ਉਮਰ, ਪਿੰਡ ਜਾਂ ਸ਼ਹਿਰ ਦਾ ਨਾਂ।
- ਉਨ੍ਹਾਂ ਦੀ ਜ਼ਿੰਦਗੀ ਦੇ ਬਾਰੇ ਕੁਝ ਮੁੱਢਲੇ ਸਵਾਲ ਪੁੱਛੋ (ਉਨ੍ਹਾਂ ਦੇ ਸਕੂਲ, ਖੇਡਾਂ, ਖਾਣ-ਪੀਣ, ਤਿਉਹਾਰ, ਰਿਵਾਇਤਾਂ ਆਦਿ)।
- ਪੰਜਾਬੀ ਬੋਲੀ ਬਾਰੇ ਉਨ੍ਹਾਂ ਦੀ ਸੋਚ ਜਾਂ ਰਾਏ ਲਿਖੋ।

2. ਪੁਰਾਣੇ ਸਮਿਆਂ ਦੇ ਕਿਸੇ ਹਕੀਕਤੀ ਕਿਸੇ ਜਾਂ ਕਹਾਣੀ ਨੂੰ ਲਿਖੋ:

- ਜੇ ਉਨ੍ਹਾਂ ਦੇ ਨਾਲ ਵਾਪਰੀ ਹੋਵੇ ਜਾਂ ਜੇ ਉਨ੍ਹਾਂ ਨੇ ਤੁਹਾਨੂੰ ਦੱਸੀ ਹੋਵੇ।



•ਉਹ ਕਿਸੇ ਮਜ਼ੇਦਾਰ, ਭਾਵੁਕ ਜਾਂ ਸਿੱਖਿਆ ਦੇਣ ਵਾਲੇ ਤਜਰਬੇ ਬਾਰੇ ਹੋ ਸਕਦੀ ਹੈ।

3.ਉਨ੍ਹਾਂ ਦੀਆਂ ਫੋਟੋਆਂ, ਕਹਾਣੀ ਨਾਲ ਸਬੰਧਤ ਚਿੱਤਰ ਜਾਂ ਪੁਰਾਣੀਆਂ ਯਾਦਾਂ ਨਾਲ ਜੁੜੇ ਚੀਜ਼ਾਂ (ਜਿਵੇਂ ਕਿ ਚਿੱਠੀ, ਪੁਰਾਣੀ ਤਸਵੀਰ, ਆਦਿ) ਵੀ ਲਗਾਓ।

ਅਤੇ ਜਮਾਤ ਵਿੱਚ ਕਰਵਾਏ ਗਏ ਕੰਮ ਦੀ ਦੁਹਰਾਈ ਕਰੋ।

## ART & CRAFT

\* Any one Indian folk art on A3 sheet.

\* Prepare any one craft with waste material.

### Compulsory for all

## EK BHARAT SHRESHTHA BHARAT PROJECT

**CLASS X-(2025-26)**

### Dear student

To encourage national integration EBSB Program has been launched by CBSE. It focuses on unity in diversity i.e. linguistic, literacy, festivals, sports, bio-diversity, tourism and cultural exchange. This will lead to enhanced understanding and bonding between the States thereby strengthening the unity and integrity of India. The pairing State of **Haryana** is **Manipur**.

Students will make and maintain state project file as per the following guidelines.

➤ Title Page/Introductory Page

**EK BHARAT SHRESHTHA BHARAT**

**PROJECT/FILE**

Name of Project

\_\_\_\_\_

Name of student

\_\_\_\_\_

Class & Section:

\_\_\_\_\_

Class Incharge: Mr/Ms \_\_\_\_\_

Signature of class Incharge \_\_\_\_\_

### **First Page**

#### **Map of India Highlighting “MANIPUR” and “HARYANA”.**

Use innovative ideas to draw, paint or create map of India with any eco-friendly material, keeping in mind sustainable development.

### **Second Page:**

Knowing my Pairing state “Manipur”

#### **Worksheet (write and learn)**

<b>Name of State</b>	<b>Manipur</b>
Governor	
Chief Minister	
Area	
Capital	
Fruit	
Flower	
Bird	
Dance	
Name of State Emblem	
Traditional Attire	
Popular Sports	
River	
Famous Lake	
Dance	
Endemic Plant/Symbol of natural richness and Bio diversity	

### **Third Page onwards**

- Manipur Craft Focus: Bamboo Craft

- Key Products: Kauna (reed) baskets and mats, bamboo lampshades, decorative boxes, furniture
- Products: Clay pots, terracotta toys, decorated matkas, wall art with mirror work or painting
- ACTIVITY:: Research and make a two-page write-up comparing bamboo craft of Manipur and clay/mud craft of Haryana

**Create a mini bamboo-inspired model (you may use paper strips, sticks, or actual bamboo if available).OR make a small clay/mud decorative item (can be dried without firing).**

