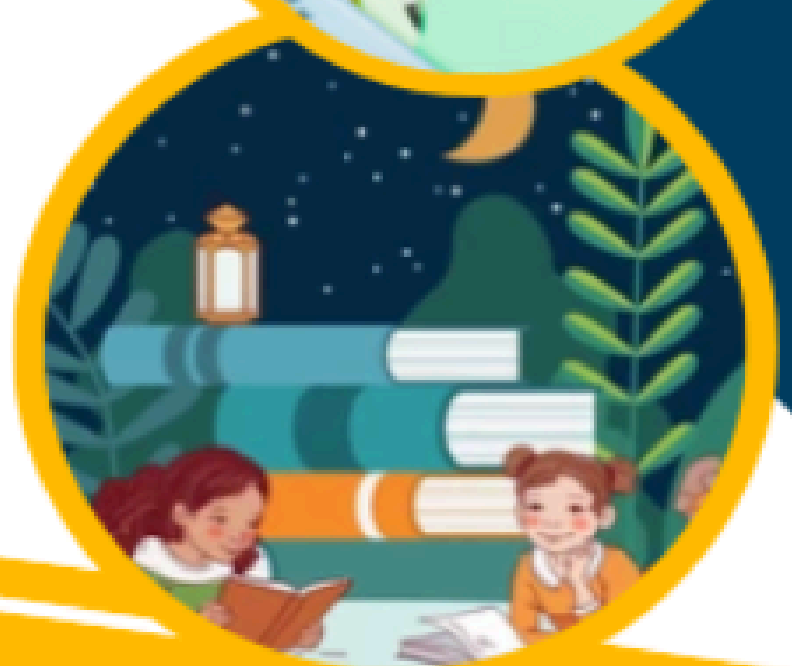


# HOLIDAYS HOME WORK

**Class  
10th**



# General Instructions:

1. Assignments should be done on A4 size sheets.
2. Project file to be compiled in the ring file and it should be properly covered.
3. Holiday homework should be submitted on the day school reopens.
4. Holiday homework should be individual work of the student and should not be copied from anywhere.
5. Projects should be strictly made on the guidelines prescribed.

## ENGLISH

### **1. Design a NEWSPAPER**

Include J&K and Gujarat details in it.

You can include the following points:

- \*It's weather
- \*Best time to visit
- \*About the beaches and tourist places
- \*Geographical are topography and population
- \* Difference in culture
- \*Sports activities are realistic with fonts and format of the newspaper.
- \* Write a report on climate change in coastal areas.

### **2. Eco-Poetry Collection:**

- Research and study eco-poetry, which explores the relationship between nature, environment, and climate change.

- Create an original collection of poems that reflect your personal experiences, emotions, and perspectives on climate change.
- Experiment with different poetic forms and styles to convey your message effectively.
- Accompany your poems with relevant illustrations or visual elements.

## **2. Persuasive Climate Change Speech:**

- Craft a persuasive speech that highlights the urgency of addressing climate change and the necessity of climate action.
- Incorporate rhetorical devices, emotive language, and powerful imagery to engage your audience.
- Create a visual presentation (e.g., PowerPoint, Presentation) that complements your speech enhances its impact.
- Practise and deliver your speech to the class, and invite feedback on its effectiveness.

## **3. Narrative Short Story:**

- Develop a short story that explores the human impact of climate change, whether it's a personal narrative or a fictional account.
- Incorporate vivid descriptions, character development, and a compelling plot to engage the reader.
- Integrate symbolic or metaphorical elements related to climate change and its consequences.

- Illustrate key scenes or moments from your story using drawings, paintings, or digital art.

# MATHEMATICS

Title: Mathematical Analysis of Climate Action

Sections:

## 1. Introduction

Objective: Explain the purpose of the project, highlighting the importance of climate action and how mathematics can be used to understand and address climate issues.

## 2. Data Collection and Analysis

Data Sources: Use reliable sources such as NASA, NOAA, or IPCC reports for climate data.

Types of Data: Temperature records, CO<sub>2</sub> levels, sea level changes, frequency of extreme weather events, etc.

## 3. Graphical Representation

Graphs and Charts: Create various graphs (line graphs, bar charts, pie charts) to represent climate data.

# SOCIAL STUDIES

1. Make the project one the following topic given below

**Consumer right Roll no.(1-20)**

**Sustainable development Roll no. (20-40)**

**Social issue Roll no. (40-60)**

## **Guidelines for the Project.**

The project should be Hand written, minimum (20 -30) pages

On the cover page: Topic, Student Name, Class , Roll no., Name of

the school & Session

Acknowledgement

Certificate

Content

Introduction

Explanation of project

Conclusion

Bibliography

### **2. Revision assignment for UT2**

**Nationalism in India (History)**

**Federalism (political Science)**

### **3. Read and prepare the notes (PDF/PPT) of following chapter**

**Water Resources (Geography)**

**Political Parties(Political science )**

### **4. Map work from history (Nationalism in India)**

**Indian national congress session ( Calcutta sep 1920, Nagpur session**

**dec.1920, Madras 1927).**

**Important centre of national movement.( champaran, indigo planter, kheda ,peasant, cotton mill , Amritsar Jallianwala bagh, chauri chaura & Dandi March)**

# **Chemistry**

- 1. Read the activities given in Ch-1 NCERT and prepare a 4 minutes video on any one activity based on the activities given or any other innovative activity  
OR  
Read the topic “How to prepare a natural indicator?”. Then prepare the indicator , make the video of checking acidic and basic substances using that indicator  
Send the prepared video on the teachers’ mail id**
- 2. Prepare a presentation/ project on the chemical composition of 10 common medicinal and edible items (5 each).Presentation should be in soft copy and mailed on teachers’ school id or Project should be hard copy.**
- 3. Read the chapter “Chemical reactions and equations” and “Acids, bases and salts”. Prepare 20 questions along with answers (soft**

copy/hard copy). A soft copy should be mailed on the teachers' school id.

**4. Prepare a chart on Periodic table / Alkane,Alkene and Alkyne series/**

**any suitable topic from the chapters in your syllabus**

**OR**

**Make a model on a carbon compound using ball and stick / molecular**

**model kits(Activity in Ch-Carbon and its compounds).**

## **Biology**

**1. Select an appropriate diagram from the chapters in your syllabus and**

**draw the well labelled diagram on the chart paper.**

**Prepare a 10 days diet chart of everyday meal mentioning the different sources of all nutrients (Carbohydrates, Fats, Proteins, Vitamins and minerals)**

**2. Plant a sapling at your home on World Environment day or any other**

**a suitable day. Water it regularly and take images of its regular growth.**

**Make a collage of its images(hard copy)**

**Or**

**Take images of plants/trees at your home along with you.**

**Make a**

**collage of those images (hard copy)**

**3. Prepare a presentation/project on “HUMAN DISEASES” (symptoms, prevention , possible treatment along with the names of medicines and precaution to be taken). Presentation should in soft copy and mailed on teachers’ school id. Project should be in hard copy.**

**4. Read chapter – Our Environment and make 20 questions along with answers (soft copy/hard copy). soft copy should be mailed on the teachers’ school id.**

## **Physics**

**1. Practise the ray diagrams for the images formed by concave and convex mirror and lens and list the uses of concave and convex mirrors and lenses in day to day life. Also list the reason why it is used in that field?**

**2. Investigatory project: Make a PPT or video with your own voice-over explaining “light as energy resource. Maximum time limit is 5 min and the minimum is 3 minutes. Light as an energy source. What is the extent at which the world is using this energy source and to what extent it can be further**



trapped in different fields.

## Research may include the following points:-

- \*Light as renewable source of energy
- \*Light for photosynthesis
- \*Light for marine and aquatic life
- \*During night for industries
- \*Chemical effects of light
- \*Physical effects of light
- Reaction of living beings towards light

( homework is designed as an art integrated project and PBL. It is a part of internal assessment so complete the work and submit it on time.

Share the work on the teachers email id)

## HINDI

THEME :- SDG GOAL 13 ( जलवायु क्रिया: संरक्षण और प्रभाव )

1. पर्यावरण में आए बदलाव पर एक स्लोगन पोस्टर के साथ ए- 4 साईं शीट पर बनाएं और फाइल में डालकर सबमिट करें | ( अनुक्रमांक :- 1 - 30 )

2. पर्यावरण संरक्षण जीवन रक्षण &#39; विषय पर स्वरचित कविता अथवा एक लेख लिखिए | (अनुक्रमांक :- 31 - 60 )

3. मीरा के समान किसी एक अन्य कृष्ण भक्त कवि ( सूरदास , नंददास, रसखान ) का जीवन परिचय, उनकी रचनाएं व उपलब्धियां का सचित्र वर्णन करें  
नोट :- प्र० 3 कक्षा के सभी छात्रों द्वारा किया जाना अनिवार्य है |

## PHE

1. History and classification of athletics and draw athletics track and triple jump.

2. History and rule of kabaddi and draw Badminton , basketball and Table tennis ground .(written in particle notebook)

3. Do physical exercises and yoga at home to stay fit and healthy.

## ART

Make a beautiful poster depicting Climate Change in an artistic way.

## IT

1. Digital Documentation:

Create a brochure on any hill station or tourist spot of your choice supporting SDG goal 13- Climate Action. Design it in a Writer document.

## **2. Database Management:**

Create a database having at least 3 tables for the Climate Change Data and create a form for updating the table.

(<https://climatedata.imf.org/datasets/4063314923d74187be9596f10d034914/explore>)

Use this link as reference.

## **3. Self Study:**

Read and Learn unit 2 – Self Management Skills



enjoy  
your  
holidays