

# SUMMER HOLIDAYS HOMEWORK 2025

## CLASS 10

### ENGLISH

#### INSTRUCTIONS

- \*Do not forget to add pictures.
- \*No repetition or copying of work would be accepted.
- \*Please don't share your work with anyone.
- \*No marks will be awarded for a casual approach of completing the work.

**1) Do a visual representation of any one of the following poems from the NCERT Book – First Flight and present it in the class.**

1. A Tiger in the Zoo
2. The Ball Poem
3. Amanda!
4. The Tale of Custard the Dragon

#### How to do?

- ★ Use your imagination to convert the poem into an artistic representation, for example, collage making using pictures from magazines or newspapers, or a hand-drawn visual to be presented in class.
- ★ Your artwork should be self-explanatory. Mention what you've depicted, why you chose that idea, and how it brings out the essence of the poem.

#### Where to do?

A3 Size sheet

#### **Parameters for Assessment**

Relevance to content, creativity and presentation

#### **2. Movie Review: -**

- a) Watch the following movies and pen down the critical analysis as per your roll numbers. Details are as follows:

**Roll no.1-7:** Freedom writers

**Roll no. 8-14:** 12TH FAIL

**Roll no. 15-21:** 3 Idiots

**Roll no. 22-28:** The Pursuit of Happyness

**Roll no. 29-36:** Super 30

- b) Write the synopsis of the movie.

- c) Describe all the five emotions shown in the movie- joy, sadness, anger, disgust and fear. - Name of the character (emotion)
- Physical appearance.
  - Role played by the character in the movie.
- d) Which is your favourite character and why?

Movie review to be done in A-4 size sheets.

### 3. PORTFOLIO:

PREPARE A PERSONAL PORTFOLIO WITH THE FOLLOWING –

Introducing Myself:

My Strengths:

I Need to Improve On...:

My Achievements:

I Have Participated In...:

Books I Have Read:

The Book I Wish to Read:

- Prepare a file with A4 size sheets

विषय-हिंदी

विषय-हिंदी

१ ) मुहावरे

क. पाठ्यपुस्तक (स्पर्श और संचयन) के पाठों से संबंधित 20 मुहावरे छाँटकर उनके अर्थ सहित वाक्य बनाइए ।

ख. 'बड़े भाई साहब' पाठ से किन्हीं पाँच मुहावरों को चित्रित कीजिए । ( A4 शीट )

नोट: प्रत्येक मुहावरे का चित्रण अलग-अलग पृष्ठ पर कीजिए और उस मुहावरे का नाम भी पृष्ठ के पीछे लिखिए ।

## २ ) पुस्तक समीक्षा

निम्नलिखित पुस्तकों की सूची में से किसी एक पुस्तक का चुनाव कीजिए तथा दिए गए बिंदुओं पर पुस्तक समीक्षा कीजिए ।

- |                                 |                    |
|---------------------------------|--------------------|
| 1. अपनी अपनी बीमारी-            | हरि शंकर परसाई     |
| 2. मृणालिनी -                   | बंकिम चंद्र चटर्जी |
| 3. पिछले दिनों -                | शरद जोशी           |
| 4. मृगतृष्णा -                  | सुधा मूर्ति        |
| 5. क्या भूलूँ क्या याद करूँ ? - | हरिवंशराय बच्चन    |
| 6. ख्वाहिशों का सफ़र -          | देवाशीष उपाध्याय   |

पुस्तक की समीक्षा निम्न बिंदुओं को ध्यान में रख कर कीजिए-

- १ : पुस्तक के आधार पर एक आकर्षक मुखपृष्ठ बनाइए
- २ : लेखक का संक्षिप्त जीवन परिचय दीजिए
- ३: संक्षेप में कहानी का सार लिखिए
- ४: आपके पसंदीदा पात्र का संक्षेप में चरित्र-चित्रण कीजिए
- ५: वर्तमान समय में कहानी की उपयुक्तता पर अपने विचार लिखिए

नोट-सुविधा-अनुसार इन पुस्तकों के अतिरिक्त किसी अन्य पुस्तक का भी आप पुस्तक समीक्षा के लिए चयन कर सकते हैं।

३) निम्नलिखित विषयों पर 120 शब्दों में लघु कथा लिखिये ।

क) नाटक मंचन के दौरान जब मैं अपने संवाद भूल गई/गया

ख) समय होत बलवान

## MATHS

Complete all questions from all exercises of the following chapters from Maths NCERT Exemplar Problems Book.

**(Attempt all questions with proper Steps and not just the final answers)**

- |                      |                                      |                 |
|----------------------|--------------------------------------|-----------------|
| 1. Polynomials       | 2. Linear Equations in Two Variables | 3. Real Numbers |
| 4. Similar Triangles | 5. Introduction to Trigonometry.     |                 |

The work should be done in the Assignment Sheets (Ruled A4 Size) and should be submitted in a folder latest by 05.07.25

Also prepare well for the upcoming Unit Test1 Examination.

The syllabus for the Unit Test 1 Examination :

- |                 |                                      |                      |
|-----------------|--------------------------------------|----------------------|
| 1. Real Numbers | 2. Linear Equations in Two Variables | 3. Similar Triangles |
|-----------------|--------------------------------------|----------------------|

## Artificial Intelligence

1. Make a video/movie for Effective Communication using AI tools on Canva on the below topics:

- Principles of Effective Communication
- 7C's of Effective Communication
- Barriers in Communication and how to overcome it.

Terms and Conditions:

- Students should use their own voice for voice over. Voice over can be done in English or Hindi.
- Maximum duration of video 5 min
- File saving format Student name \_class & section
- Upload your project/video file to Google Drive, One Drive or any other cloud storage
- Share the link in Google form that will be shared later.

2. Create AI Practical file on Jupyter notebook. Write the following programs:

- Write a program to print Hello World.
- Write a program to find the sum of two numbers entered by the user.
- Write a program to find the product of the numbers entered by the user
- Write a program to find the difference of the numbers entered by the user
- Write a program to print user entered natural numbers
- Write a program to print odd numbers between the user entered range
- Write a program to check if a number is even or odd
- Write a program to check if a number is positive or not positive
- Write a program for loop to print a pattern
- Write a program for loop to print even numbers from 2 to 10 •      Write a program for loop to print alternate numbers from 1 to 10.

Submit the Canva link and Jupyter notebook link in the google form

<https://forms.gle/Ap4XdpsVcjw99rmk9>

**Do not forget to give the viewer rights**

## **FMM**

### **Project**

Portfolio Building Exercise: Students to research and build their own investment portfolio with a limited budget of ₹ 1,00,000. You can choose stocks, bonds, Fixed Deposit, or mutual funds based on your finding and risk tolerance and investment goals.

Students to include visual aids such as charts, graphs, tables, and diagrams to illustrate key points and enhance understanding.

Presentation: Each student prepares a short presentation (5-10 minutes) summarizing their research findings.

Maximum length of Project 25 sheets in a file

## **SCIENCE**

### **Hello Young Scientists!**

This holiday season, get ready to explore science in the most exciting way—by living it!

Ever wondered why iron rusts, how your food gives you energy, or how your eyes help you see the world in vivid colour? Through the chapters *Chemical Reactions and Equations*, *Life Processes*, and *Light – Reflection and Refraction*, and *The Human Eye*, you'll uncover the magic that's happening all around—and even inside—you every single day!

This holiday homework isn't just about writing answers; it's about observing, experimenting, creating, and most importantly, having fun while learning. So put on your lab coat (or maybe just your thinking cap), and dive into a world where science meets curiosity!

## **Do any 1 out of Task 1/2/3**

### **TASK 1:**

- **Mini Experiment:** Do a safe chemical reaction at home (like vinegar + baking soda or rusting of iron, etc). Record observations, chemical equation, and explain the reaction type.
- Include pics or a QR code linking to a short video of your experiment.

### **TASK 2:**

- **Creative Task:** Design a "Journey of a Sandwich" comic or story showing how food moves and gets digested in the human body (include enzymes and organ functions). Include pictures, sketches, doodles, dialogues etc to make the comic/ story interesting and presentable.
- **Interview:** Interview a family member about digestion problems or breathing issues and relate to the chapter content. Give the remedies and solution to these problems as per your understanding.

### **TASK 3:**

- **Human Eye Game:** Make a “Vision Puzzle” where one has to identify problems like myopia/hypermetropia based on clues and suggest lens corrections.

#### **TASK 4:**

- <https://cbseacademic.nic.in/> Use this link and solve the sample question papers (2024-25, 2023-24, 2022-23). Choose and solve the questions related to the Chapters : Chemical Reactions and Equations, Life Processes, Light – Reflection and Refraction, Human Eye and the colourful World only.
- Solve 10 numerical questions of chapter Light – Reflection and Refraction.
- Complete the worksheets and question answers of all the 4 mentioned chapters (pending, if any).

**NOTE:** Design the project like a **Science Adventure Diary**, with:

- Page titles
- Drawings/diagrams
- Real photos or QR codes to videos
- *Mention a short reflection: “What I learned from doing science hands-on” at the end of this project.*

“Remember, science is not just about answers—it's about asking questions, being curious, and seeing everyday things with a new perspective. Enjoy this scientific adventure, and let your imagination lead the way!”

#### **Wrapping It Up with Rhyme & Reason!**

As you relax and chill this holiday season,  
Let science be your joy and reason!  
From fizzing reactions to how we digest,  
Explore life's wonders—give it your best!

See the light bounce, bend, and play, And  
learn how eyes guide us every day.  
So read, create, observe, and write,  
Let curiosity be your guiding light!

No pressure, no stress, just learning with glee—  
Science is everywhere... just wait and see!  
Enjoy your break, stay safe and bright,  
And come back refreshed, full of insight!

(a)

## **Social Science**

### **Class-X – CONSUMER AWARENESS – PROJECT WORK (YEAR – 2025– 26)**

As per CBSE guidelines, students of Class X have to submit a handwritten project on the related topics on Consumer Awareness. Students are requested to utilise this summer vacation to complete this project which will be followed by viva / written assignment.

### **TOPIC OF THE PROJECT – CONSUMER AWARENESS (Individual project)**

## **GUIDELINES FOR SUBMITTING THE PROJECT**

1. Use A4 size sheets – coloured or white
2. It should be a hand written project (blue or black pen should be used)
3. You can use newspaper clippings, maps, diagrams and material from the web
4. Each illustration should be supported with a write up/relevance to the topic
5. The cover page should be written in bold letters with the topic, name and roll number

### **Guideline for project**

- Pick four main items to do your survey like – Grocery & milk, Medicine, Gold/silver jewelry, Electronic Items
- Add case studies to your project
- Conduct Survey based on questionnaire
- While taking interviews do take pictures, this will add authenticity to your work.
- Conduct Awareness campaigning
- Visit to consumer court
- Prepare pie chart to project your interview results
- Include pictures, newspaper clippings, Graphical representation of your work etc.
- Based on above activities students will prepare a detailed project dissertation. Performa of dissertation is given below:

### **FOLLOW THE SEQUENCE OF PAGES AS GIVEN BELOW:**

**a. Cover Page**

Title of  
Project Name  
of submitter  
School name  
Year – 2025-  
26

**b. Acknowledgement**

**c. Content with page number**

**d. Introduction**

Rise of consumer awareness Objectives of the Study Meaning of consumer awareness  
Forms of consumer Exploitations  
Factors causing exploitation of the consumers

**e. Rights and Duties of the Consumers** Rights of the Consumers Duties of the Consumers

**f. Consumer Protection Measures** Introduction Administrative Measures

Technical

Measures Legislative Measures

**g. Consumer Protection Act of 1986 and Case studies**

Consumer Protection Act 1986 Case Studies

**h. Summary and Conclusion**

**i. Bibliography**

**j. Reflection –** Your reflection / experience while doing this project. Also add your learning outcome. **k. Teacher's remark**

**l. Leave a blank page at the end**

## **INTER DISCIPLINARY ART INTEGRATION ACTIVITY WITH PARTNER STATE**

Under Ek Bharat Shrestha Bharat Programme :

The whole Class will be divided into 5 homogenous groups of about 8 students each.

Each group must create a Calendar Aesthetically using spiral bound 12 Sheets of A3 size with matter written on/ printed on one side (Or, 6 Sheets of A3 size with matter written on/ printed on both sides) . The Calendar must contain the matter comparing Sikkim and Delhi on the basis of the following categories under the subjects mentioned:

## **12 pages in all + 1 (Group Details)**

**Two pages per subject as follows:**

English- Food and Festival – JAB & FEB

Maths – Tourism & Economy – MAY & JUN

S. St. – Development – JUL & AUG

Hindi - Culture and Costumes – MAR & APR

Science - Flora and Fauna – SEPT & OCT

Art and craft & Music - Various forms of Native art and music.- - NOV & DEC

- This is a Competency based Group Project.
- Research extensively about culture, cuisine, economy, tourism, festivals, flora and fauna, architecture, monuments etc. of Sikkim and Delhi both to ensure accuracy.
- All visuals should be creative (Collage, sketches, beautification) – **COMPLETE COPY PASTE OF A SINGLE IMAGE IS NOT ALLOWED**
- The last page should present the group members names who have contributed towards making the calendar.
- Marks will be allotted for visual appeal, collaboration, relevance and timely submission by each subject teacher.
- Compiling of the final work will be done on working day in the first week of July after the summer holidays.
- Each group will get their calendars spiral bound and submit by the 10th of July.

Looking forward to some beautiful calendars from all the groups.

## **ENGLISH ( 2 Pages )**

Compare and Contrast the Festivals and food of Sikkim with that of the state of Delhi.

## **Maths - Economy and Tourism (2 Pages)**

Research and collect the data from reliable Govt. websites/ Journals etc. relating to the Tourism and Economy of the Delhi VS. Sikkim and compare them.

Also compare the economic factors of the two.

Represent the data in various types of Graphical and Pictorial Representations creatively.

## **SOCIAL SCIENCE (2 Pages)**

Compare the Development of two states/UT- Delhi and Sikkim since independence. Make a comparison table and also support it with visuals.



## **HINDI कला समेकित परियोजना कार्य ( art integrated project ) ( 2 Pages )**

विषय- दिल्ली और सिक्किम की संस्कृति और पहनावा

संस्कृति के मुख्य बिंदु - खान-पान, भाषा, त्योहार, समाज, जीवन -शैली , कला, स्मारक  
उपरोक्त में से किसी एक सांस्कृतिक विरासत का चयन समूह करेगा

\* ये कार्य अन्य विषयों के साथ भी समेकित है। हिन्दी विषय में कार्य के लिए कैलेंडर में जुलाई और अगस्त माह प्रस्तुति करण के लिए निर्धारित किए गए हैं-

जुलाई-दिल्ली और सिक्किम की सांस्कृतिक विरासत का चित्र बनाइए या चिपकाइए तथा उसके बारे में तीन चार पंक्तियाँ लिखिए।

अगस्त- दिल्ली और सिक्किम में पहने जाने वाले परिधानों का चित्र बनाइए या चित्र चिपकाइए तथा उनके बारे में तीन -चार पंक्तियों में जानकारी लिखिये।

नोट-दिल्ली और सिक्किम दोनों के ही उदाहरण देना अनिवार्य है।

## **ART & CRAFT (2 Pages)**

Draw any landscape of Delhi and Sikkim each (Monuments, Landforms etc.) using any medium –  
Water colour, Pencil colour, Markers etc. in full colour.

## **RAMJAS GREEN POLICY:**

In line with our Green Policy, we encourage all students to prepare their Holiday Homework (HHW) using only biodegradable and eco-friendly materials. Say no to plastic files, folders, and thermocol—HHW in such materials will not be accepted. To promote creativity and environmental responsibility, extra credits will be awarded for innovative use of sustainable resources. Let's join hands to protect our planet while making learning fun and meaningful!