

# GURU GOBIND SINGH PUBLIC SCHOOL, CHAS

CLASS- X

SUMMER ASSIGNMENT

SUBJECT: ENGLISH

(SESSION :2023– 24)

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## **PORTFOLIO**

**PAGE - 1** COVER PAGE – I) NAME OF THE INSTITUTION WITH LOGO

**PAGE - 2**

SUBJECT

III) STUDENTS DETAILS :

NAME

CLASS

SECTION

ROLL

**BOARD ROLL** : .....

**PAGE – 3** CERTIFICATE OF COMPLETION

**PAGE - 4** INDEX

**PAGE – 5** ASSIGNMENT / PROJECT WORK - TOPIC

### **PROJECT ( KEY POINTS TO BE HIGHLIGHTED :**

- **Statement of purpose / objectives**
- **Action plan**
- **Materials / Resource required**
- **Questionnaires / survey report**
- **Materials – evidences of research**
- **Actual script essay / report ( 800 – 1000 word)**
- **Student / group reflection**

## **PROJECT – 1**

Compare and contrast the biography of Nelson Mandela and Mahatma Gandhi

## **PROJECT – 2**

### **Art Integrated Project Work**

*Designing Graffiti Wall on the Culture of Jharkhand and Telangana "Culture is the characteristics of a particular group of people, defined by everything language, religion, cuisine, social habits, music and art."*

The students have to present the culture of Jharkhand. Students will design his/her material on a separate A4 size sheet to be put up on Graffiti Wall in the form of a collage. The Graffiti wall should provide details along with drawings and pictures on the following:

- Cuisine
- Festivals
- Art, dance and music
- Traditional dresses
- Languages spoken and translation of words like Hello', Welcome'. Thank you'. Please, Bye etc. in the vernacular

**( NOTE : PORTFOLIO SHOULD BE MADE AND PROPERLY ARRANGED IN A BOARD FILE)**

वर्ग – दशम  
विषय – हिन्दी

- हिन्दी पाठ्य-पुस्तक एवं पूरक पाठ्य-पुस्तक :-
  1. गद्य खंड  
"नेताजी का चश्मा" एवं "बालगोबिन भगत" पाठ के सभी प्रश्नों के उत्तर कॉपी में लिखें एवं याद करें।
  2. पद्य खंड  
"सूरदास के पद" एवं "आत्मकथ्य" पाठ के सभी प्रश्नों के उत्तर कॉपी में लिखें एवं याद करें।
  3. पूरक पुस्तक  
"माता का अँचल" पाठ के सभी प्रश्नों के उत्तर कॉपी में लिखें एवं याद करें।
- व्याकरण :-
  1. विज्ञापन लेखन :-
    - i. बॉल पेनों की एक कंपनी 'सफल' नाम से बाज़ार में आई है उसके लिए एक विज्ञापन लगभग 25 से 30 शब्दों में तैयार करें।
    - ii. 'शिक्षा का अधिकार' के अंतर्गत ग्रामीण क्षेत्रों में अधिकार का लाभ उठाने के लिए एक विज्ञापन लगभग 25 से 50 शब्दों में तैयार कीजिए।
  2. पत्र लेखन :-
    - i. अपने मित्र राजू/ रिचा को अपनी दीदी की शादी में आने के लिए आमंत्रित करते हुए एक पत्र लिखें।
    - ii. अपने प्रधानाचार्य को बुआ के घर जाने के कारण चार दिनों के अवकाश हेतु एक आवेदन पत्र लिखें।
- परियोजना कार्य :-
  1. सूरदास, तुलसीदास, रामवृक्ष बेनीपुरी एवं स्वयं प्रकाश (लेखक एवं कवियों) के जीवन परिचय एवं साहित्यिक उपलब्धियों को सचित्र चार्ट पेपर पर दर्शाएँ।

गुरू गोविंद सिंह पब्लिक स्कूल चास

ग्रीष्मावकाश गृहकार्य- 2023

कक्षा- 10

- 1- पाठ-1 एवं पाठ- 2 से पर्याय शब्द , पठित गद्यांश, नाट्यांश एवं श्लोकांश बनाएं।
- 2- पाठाधारित संधि, समास, प्रत्यय एवं उपपद विभक्ति बनाएं।
- 3- दो अपठित गद्यांश, दो पत्रलेखन, दो चित्रलेखन एवं दो कथापूर्ति बनाएं।
- 4- तत् एवं किम् का शब्द रूप तीनों लिंगों में और अस्मद् , युष्मद् का शब्द रूप लिखकर याद करें।

परियोजना कार्य- क) मम प्रियं पुस्तकम्- महाभारतम् अथवा रामायणम्

ख) समयलेखनम्- घड़ी का सुन्दर चित्र बनाकर समय दर्शाएं।

Guru Gobind Singh Public School Chas (Bokaro)

**Holiday Home Work**

**Mathematics**

<b>SL.NO</b>	<b>CLASS</b>	<b>ASSIGNMENT</b>	<b>PROJECT/ACTIVITY</b>
1	X	<i>Ex 1.1,1.2(Q.no 1,4,5) Ex. 1.3(Q.no 1,3) Ex. 2.3(Q.no 2,3,4) Ex. 3.3(1)Ex. 3.4(Q.no1)Ex.3.5(Q.no.2,3) from NCERT book</i>	<i>Draw the graph and show the lines are intersecting,parallel and coincident also write the condition for unique solution,no solution and infinitely solution on chart paper</i>

**GURU GOBIND SINGH PUBLIC SCHOOL CHAS**

**SUMMER HOLIDAY ASSIGNMENT (2023-24)**

**SUBJECT-PHYSICS**

**STD-X**

**General Instruction:**

- **Q-1 to Q-3 will be done in a stick file using A-4 sheets only.**
- **Neatness and Handwriting must be up to the mark.**
- **First page of the Assignment must be typed/Printed including Name,Class/Section,Roll.no,Subject,Name of the guide teacher,Remarks and School logo and Title**

**PHYSICS ASSIGNMENT (2023-24)**

Q-1 Define the following terms related to spherical lenses with diagram:

- a) Optical centre
- b) Center of Curvature
- c) Radius of curvature
- d) Principal Axis
- e) Principal Focus
- f) Focal length

Q-2 Draw ray diagrams to show the formation of image by spherical mirrors and spherical lenses(Concave and convex both).Mention Position and Nature of image in each case.

Q-3 Mention two applications/uses of

- (i) concave and convex mirrors .
- (ii) Convex lens and Concave lens

Click and paste Pictures of their uses from everyday life in support of your Answer.

**ART INTEGRATED PROJECT**

Q-4 Design a **SCIENCE MAGEZINE** consisting of light related discoveries and inventions(Raman Effect is mandatory) along with the description and picture of concerned scientist .Use colorful A-4 Size Ruled sheets.Name your Science Magezine on cover page with creative presentation.

**HAPPY HOLIDAYS**

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GURU GOBIND SINGH PUBLIC SCHOOL CHAS

HOLIDAY ASSIGNMENT

CLASS- X

SUBJECT-CHEMISTRY

Do in physics class work copy

1. A shiny brown coloured element 'X' on heating in air becomes black in colour. Name the element 'X' and the black coloured compound formed.
2. Write one equation each for decomposition reactions where energy is supplied in the form of heat, light or electricity.
3. Why is respiration considered as an exothermic reaction? Explain.
4. On adding a drop of barium chloride solution to an aqueous solution of sodium sulphite, white precipitate is obtained.
  - (a) Write a balanced chemical equation of the reaction involved.
  - (b) What other name can be given to this precipitation reaction?
  - (c) On adding dilute hydrochloric acid to the reaction mixture, white precipitate disappears. Why?
5. You are provided with two containers made up of copper and aluminium. You are also provided with solutions of dilute HCl, dilute HNO<sub>3</sub>, ZnCl<sub>2</sub> and H<sub>2</sub>O. In which of the above containers these solutions can be kept and why?
6. On heating blue coloured powder of copper(II) nitrate in a boiling tube, copper oxide (black), oxygen gas and a brown gas X is formed.
  - (a) Write a balanced chemical equation of the reaction.
  - (b) Identify the brown gas X evolved.
  - (c) Identify the type of reaction.
  - (d) What could be the pH range of aqueous solution of the gas X?
7. A silver article generally turns black in the open for a few days. The article when rubbed with toothpaste again starts shining.
  - (a) Why do silver articles turn black when kept in the open for a few days? Name the phenomenon involved.
  - (b) Name the black substance formed and give its chemical formula.
8. A student added few pieces of aluminium to two test tubes A and B containing aqueous solutions of iron sulphate and copper sulphate. In the second part of her experiment, she added iron metal to other test tubes C and D containing aqueous solution of aluminium sulphate and copper sulphate.

In which test tube or test tubes will she observe colour change? On the basis of this experiment, state which one is the most reactive metal and why?





**GURU GOBIND SINGH PUBLIC SCHOOL , CHAS.**

**Summer Holiday Assignment 2023-24**  
**Standard : 10      Subject : BIOLOGY**

**PREPARE PORTFOLIO ON THE TOPIC : LIFE PROCESSES (Humans)**

Detailed Information : Explain All the four Life processes in human beings which are NUTRITION, RESPIRATION, CIRCULATION, EXCRETION. Represent all the system **DIGRAMATICALLY** involved alongwith **summarised explanation** of each process.

It must include : Front page , Index , acknowledgement, certificate, General introduction of the topic and then detailed explanation of the all the processes,at last Bibliography.

Submit Your work in Cardboard File .

**Holiday Home Work**

***History and civics***

SL.NO	CLASS	ASSIGNMENT	PROJECT/ACTIVITY
1.	X (History)	<p><b>A. On the Stick file</b>  <b>Write a Short note on</b>  <b>Following</b>  <b>Personalities and also</b>  <b>Paste or Draw their</b>  <b>image/Photo:-</b></p> <ol style="list-style-type: none"> <li>1. Napoleon Bonaparte</li> <li>2. Duke Matternich</li> <li>3. Otto Von Bismarck</li> <li>4. Giuseppe Mazzini</li> <li>5. Count Camillo de Cavour</li> <li>6. Giuseppe Garibaldi</li> </ol> <p><b>B. Revise the</b>  <b>Notes and</b>  <b>Ques./Answer</b>  <b>of Chapter</b>  <b>1.(Rise of</b>  <b>Nationalism in</b>  <b>Europe)</b></p> <p><b>A .Draw the</b>  <b>Map of Belgium</b>  <b>and Srilanka</b>  <b>and Write 10-15</b>  <b>Points about</b>  <b>these Countries.</b></p> <p><b>B) Revise notes</b>  <b>and Ques/Ans.</b>  <b>Of Chapter 1:-</b>  <b>Power Sharing</b></p>	<p><b>On the Political Map of Europe</b>  <b>Locate the following</b>  <b>Countries/Regions of Europe:-</b></p> <ol style="list-style-type: none"> <li>1. France</li> <li>2. Germany</li> <li>3. Poland</li> <li>4. Austria</li> <li>5. Poland</li> <li>6. Hungary</li> <li>7. Greece</li> <li>8. Balkan region</li> </ol> <p><b>Describe in detail with the help of</b>  <b>Examples about Power Sharing in</b>  <b>Indian Democractic Process.</b></p>
	X (Civics)		

Summer Vacation Home work

Class: 10 Subject: Economics

- Q1. What do you mean by national development ? Explain various measurement of it.
- Q2. What do you mean by Human Development Index ? Explain its three indicators in brief.
- Q3. What is meant by sustainable development ? Explain any three features of it.
- Q4. How does Public facilities help in development of nation ?
- Q5. How does Infant Mortality Rate help in measuring public health and life expectancy of country.
- Q6. Distinguish between
- (i) National income and per capita income.
  - (ii) Renewable and non- renewable resources.
  - (iii) Developed and Under developed countries.
- Q7. Mention any three characteristics of development.
- Q8. What are non- monetary goals ? Give some examples.
- Q9. Which three effects should be made by any three country to improve its HDI ?
- Q10. Which three development goals will you like to prescribe for rural labourers?

**Holiday Home Work**

**GEOGRAPHY**

<b>SL. NO</b>	<b>CLASS</b>	<b>ASSIGNMENT</b>	<b>PROJECT/ACTIVITY</b>
1	X	<b>1. Learn all Q/A of chapter 1 and 2, Resources and Development, Forest and Wildlife Resources</b> <b>2. Role of tourism in our life and economy</b>	<b>1. On the physical map of India Mark and label the following</b> <b>a. Golden quadrilateral</b> <b>b. East west corridor</b> <b>c. North South corridor</b> <b>2. On the political map of India Mark and label the following ports.</b> <b>Western coastal ports</b> <b>a. Kandla port</b> <b>b. Mumbai port</b> <b>c. Jawaharlal Nehru port</b> <b>d. Marmagao port</b> <b>e. New Mangalore Port</b> <b>f. Kochin Port</b> <b>Eastern coastal ports</b> <b>a. Kolkata port</b> <b>b. Haldia port</b> <b>c. Paradwip port</b> <b>d. Visakhapatnam port</b> <b>e. Chennai port</b> <b>f. Tuticorin</b> <b>3. On the political map of India Mark and label the following international airports.</b> <b>a. Raja sansi international airport</b> <b>b. Indira Gandhi international airport</b> <b>c. Chhatrapati Shivaji international airport</b> <b>d. Thiruvananthapuram international airport</b> <b>e. Meenam Bakkam international airport</b> <b>f. Rajiv Gandhi international airport</b> <b>g. Netaji Subhash Chandra Bose international airport</b>

GGPS Chas

Holiday Assignment

Class -X

Subject-IT(402)

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Write the questions and answer only in C.W. copy .No extra copy is required.

Answer the following questions-

- (1) Write and explain elements of communications.
- (2) Write and explain types of communications.
- (3) What are the pros and cons of verbal communication.
- (4) What is feedback ? What are the characteristics feedback?
- (5) Write and explain 7C's of effective communications.
- (6) Write pros and cons of written form of communications.
- (7) What is an operating system ? Give examples.
- (8) Write and explain types of operating system.
- (9) What are file and folders?
- (10) What is file explorer?
- (11) What is a clipboard ?