



D.A.V. NANDRAJ PUBLIC SCHOOL

BARIATU, RANCHI



HOLIDAY HOMEWORK

SESSION: 2025 – 26

CLASS: X

ENGLISH

Students are requested to do ANY ONE of the two given tasks:

Title : "A Day in the Life of an Object"

PART 1: Creative Writing (Core Task)

Choose one everyday object (e.g., a backpack, mobile phone, pair of shoes, spectacles, a wall clock, a fan, etc.). Write a short story (500–700 words) from the first-person point of view of the object.

Your story must include:

- A clear beginning, middle, and end.
- Three distinct emotions the object experiences (explain why).
- Interactions with at least two characters (human or other objects).
- Descriptive details about its environment (use sensory imagery).
- Five new vocabulary words used contextually (underline them).

Optional Twist: Introduce an unexpected turn of events, like being thrown away, stolen, rediscovered, or passed on to someone new.

PART 2: Vocabulary Builder

Create a mini dictionary (1 page) with the five new words you used:

- Write the word, part of speech, meaning, and use it in a new sentence.

PART 3: Visual Imagination

Choose one of the following creative visual tasks:

- Design a comic strip (4–6 panels) illustrating a key moment in your story.
- Draw or digitally create the object's "world" from its perspective.
- Create a storyboard showing the journey of the object across a day/week.

PART 4: Reflection (100–150 words)

Write a short reflection on what you learned from thinking and writing as an object. Did it change the way you observe the world? What was most challenging or enjoyable?

OR

Title: "My Summer Reading Passport"

Instructions:

1. **Read Any One Book** (Fiction or Non-fiction) of your choice during the summer holidays.

Suggestions (not compulsory):

- *The Alchemist* by Paulo Coelho

- *Malgudi Days* by R.K. Narayan
- *Wonder* by R.J. Palacio
- *Wings of Fire* by A.P.J. Abdul Kalam

2. Complete your “**Reading Passport**” based on the book you read:

Page 1: Book ID Card

- Title:
- Author:
- Genre:
- Pages:
- Date Started / Finished:

Page 2: Travel Journal (Min. 200 words)

- Describe a scene or moment in the book that felt like an adventure or learning experience.
- What did you feel while reading it? Excited? Inspired? Confused?

Page 3: Meet the Characters

- Choose one character you liked/disliked.
- Describe their traits, motivations, and role in the story.

Page 4: Stamp of Creativity (Choose any one)

- Write an alternate ending.
- Design a travel brochure/postcard for the book's setting.
- Turn a scene into a poem or short comic strip.

3. Decorate your passport creatively—use sketches, symbols, or even handmade covers!

HINDI

निर्देश : प्रायोगिक कॉपी में

- मुख्य पेज पर स्कूल का नाम , गृह - कार्य ,सत्र, छात्र का नाम,वर्ग, क्रमांक - स्कूल, बोर्ड क्रमांक - इत्यादि साफ - सुथरे अक्षरों में लिखें
- अपने दादा जी या दादी से एक कहानी सुनें।
- कहानी की शिक्षा को समझाते हुए अपनी बहन को एक पत्र लिखें।
- आपके अभिभावक एक कपड़े या स्टेशनरी की दुकान खोलने वाले हैं।उसके लिए एक रंगीन विज्ञापन तैयार करें जो लगभग 15-20 शब्दों का और आकर्षक हो।
- आप अपना एक पोर्टफोलियो (स्ववृत्त) तैयार करें
अथवा
डी ए वी नंदराज विद्यालय में एक पी ई टी की आवश्यकता है और आप योग्य उम्मीदवार हैं।इसका स्ववृत्त तैयार करें।
- इस स्ववृत्त को ई मेल से प्राचार्य को भेजें।

डीजाइन पेपर भी प्रयोग में ला सकते हैं।

SANSKRIT

1. पाठ -1 (शुचिपर्यावरणम्), पाठ -2 (बुद्धिर्बलवती सदा) शब्दार्थ एवं भाषिककार्यम् स्मरन्तु लिखन्तु च ।
2. समास अभ्यास कार्यम् कुरु (संपूर्ण)।
3. परियोजना कार्यम् – गुरुकुलम् (चित्रेण सह) दश वाक्यानि रचयत ।
(संपूर्ण कार्य संस्कृत व्याकरण कॉपी में करना है)

MATHEMATICS

- Q1. State Fundamental Theorem of Arithmetic
Q2. Find the HCF and LCM of 135 and 225 using the prime factorization method.
Q3. If $HCF(252, 594) = 18$, find $LCM(252, 594)$
Q4. Show that 4^n can never end with digit 0.
Q5. Prove that $\sqrt{3}$ is irrational.
Q6. Find the zeroes of the quadratic polynomial $x^2 - 2x - 8$ and verify the relationship between the zeroes and the coefficients.
Q7. Activity:
Solve the following pair of linear equations graphically:
 $x + 2y = 6$, $2x + y = 6$
(i) Plot the graphs of both the equations on the same graph sheet.
(ii) Find the point of intersection of the two lines.
(iii) Also find the coordinates of the points where each line intersects the x-axis.
(iv) Using the lines and the x-axis, a triangle is formed. Find the coordinates of the vertices of the triangle.
(v) Shade the triangle formed and find the area of the triangle.

SCIENCE

Biology.

Project work.

1. Draw the following diagram and label:--
Human digestive system.
2. Draw the mind map of circulation of blood in human body.
(To be done on A-4 size Drawing sheet).
3. Complete the intext and exercise questions of chapter 5 -- Life process in Biology Notebook..

Physics

Project work:-

1. Draw the ray diagram in each case to show the image formation by concave mirror when the object is placed :-

- i) At infinity.
- ii) Beyond C (Centre of curvature).
- iii) At C (Centre of curvature).
- iv) Between C (Centre of curvature) and F (Focus).
- v) At F (Focus)
- vi) Between F (focus) and P (pole).

Also mention the position, size and nature of image in each case.

2. Draw the ray diagram in each case to show the image formation by convex mirror when the object is placed :-

- i) At infinity
- ii) Between infinity and P (pole).

Also mention the position, size and nature of image in each case.

(NOTE:- Holiday homework to be done in A4 size paper and submit it in a stick file.)

3. Learn Ch 9: Light: Reflection and Refraction.

Chemistry

Do the following questions in chemistry Note book

1. Mention the type of chemical reaction that takes place when

- (i) a magnesium ribbon is burnt in air.
- (ii) limestone is heated.
- (iii) silver bromide is exposed to sunlight.
- (iv) electricity is passed through acidified water.
- (v) ammonia and hydrogen chloride are mixed with each other.

Write the chemical equation for each reaction.

2. (i) Why is respiration considered as an exothermic reaction?

(ii) Write chemical name and the formula of the brown gas produced during thermal decomposition of lead nitrate.

(iii) Why do chips manufacturers flush bags of chips with gas such as nitrogen?

3. You might have noted that when copper powder is heated in a China dish, the reddish brown surface of copper powder becomes coated with a black substance.

(a) Why has this black substance formed?

(b) What is the black substance?

(c) Write the chemical equation of the reaction that takes place.

- (d) How can the black coating on the surface be turned reddish brown?
4. State the type of chemical reactions, represented by the following equations

- (a) $A + BC \rightarrow AC + B$
(b) $A + B \rightarrow C$
(c) $PQ + RS \rightarrow PS + RQ$
(d) $A_2O_3 + 2B \rightarrow B_2O_3 + 2A$

SOCIAL SCIENCE

HISTORY

Analyse the given picture related to Nationalism in Europe and answer the following question:



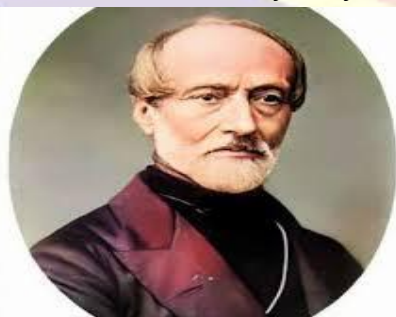
Q1. Who is Represented as a postman in the given image?

- a. Giuseppe Mazzini
b. Napoleon Bonaparte
c. Otto Von Bismarck
d. Louis XVI

Q2. Analyse the image and explain what its represents.



Q3. In what way do you think this print depicts a utopian vision?



Q4. Identify the picture and write a short note on him.

Q5. Describe in brief the process of unification of the following countries :

- Germany
- Italy
- Britain

Note : Kindly complete the Holiday Homework in your History Notebook.

GEOGRAPHY

Chapter : 1 and 2

Topic : RESOURCES AND DEVELOPMENT

: FOREST AND WILDLIFE RESOURCES

Prepare the Answers of following questions in notebook:

1. What are the negative factors that cause such fear full of depletion of flora and fauna?
2. Why conservation projects are now focusing on biodiversity.
3. What is the need for conservation of resources? Elucidate in the light of Gandhi's view.

POLITICAL SCIENCE

Prepare a project on the topic **"Power Sharing in Democracy"**.

Contents:

1. Introduction
2. Importance of Power sharing?
3. Forms of Power sharing?
4. Case Studies
 - a. Belgium
 - b. Sri Lanka
5. Merits and Demerits of Power Sharing.
6. Power Sharing in India.
7. Conclusion
8. Bibliography

ECONOMICS

Prepare a Project on the topic CONSUMER AWARENESS

Content: -

1. Introduction
2. Definition and Consumer Exploitation
3. Importance and Need of Consumer Awareness
4. Consumer Rights and responsibilities
5. Laws and Regulations
6. World Consumer Rights Day
7. Jago Grahak Jago Campaign
8. Redressal Method & National Consumer Helpline
9. conclusion
10. Bibliograph

INFORMATION TECHNOLOGY

1. What do you understand by styles in LibreOffice writer document?
2. Write advantages of using Style over manual formatting, for designing a document.
3. What are the different categories of style in LibreOffice writer document?
4. Write down the steps to update a style.
5. What do you understand by custom styles in LibreOffice writer?
6. Give two examples, where instead of Style, using manual formatting will be beneficial.
7. Write steps to insert an image from the gallery using Drag and Drop method.
8. How is resizing of image different from cropping it?
9. What are the tools available in drawing toolbar? Describe any five tools.
10. Write steps to change properties for drawing objects.
11. What are the benefits and drawbacks of grouping drawing objects?
12. What is a digital image?
13. Define : Anchoring, Text Wrapping,
14. Write the uses of Image Toolbars tools.
15. What is the need of table of contents?
16. What will happen if the 'Protected Against Manual Changes' option is not selected in the Type tab of Table of Contents, Index or Bibliography dialog box?
17. Name the five tabs present in the Table of Contents, Index or Bibliography dialog box.
18. What do you mean by customization of ToC?
19. How headings and sub-headings of a document differentiated in ToC?
20. Define a template. Name any two categories of templates.
21. Give any one advantage of using a template for your document.
22. What is the difference between importing and exporting a template?
23. When is exporting of templates useful? Give any one reason.
24. What is the difference between Accept Track Change and Accept All Tracked Changes buttons?
25. How do we prepare a document for review?

Note: Complete Holiday homework in your notebook.