



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XI
ACADEMIC SESSION 2023-24
HOLIDAY HOMEWORK



1. English

1. Make an album of the snapshots of your grandparents. Write down few lines of the different stages of your life how they become pivot of your life during your life journey. (Any form Poetry/Prose/Diary) Show the work done by you in a Power Point presentation.

(Related Chapter Hornbill Portrait of a Lady)

2. Enact a drama based on the story “Summer of the Beautiful White Horse.” (Snapshot). You can take help of your classmates who live nearby. Shoot a video of 3 to 5 min.

OR

Make a PPT of some of the scenes at a beach or river/ pond/ lake side you visited during your holidays. Write down a poem showing your nostalgic mood for the past event and show it on a PPT.

2. Hindi

रचनात्मक लेखन

1. स्वरोजगार: आत्मनिर्भरता की सीढ़ी
2. क्यों प्रिय है मुझे मेरा देश
3. बोर्ड परीक्षा का पहला दिन

3. Mathematics

Select any three popular news papers A, B and C in your surroundings and do the survey of 50 families to collect the information about the news paper which they read. Collect data and analyze it. Draw a Venn diagram to illustrate the information and find the number of people who read:

- (i) Only news paper A
- (ii) Only news paper B

- (iii) Only news paper C
- (iv) News paper A and B but not C
- (v) News paper B and C but not A
- (vi) News paper A and C but not B
- (vii) Only one of the news paper
- (viii) At least one of the three news paper
- (ix) None of the three news paper
- (x) All three news papers

4. Physics

Prepare an investigatory project report on any one topic including the following points:

1. The Comparison of Thermal Conductivity for Different Metals
2. To research and calculate the density of solid
3. To generate electricity by waste material.
4. The comparison of thermal conductivity for different metals

1. Introduction to the topic
2. Research and Analysis
3. Theory
4. Data collection
5. Conclusion

5. Chemistry

PROJECT 1

To test the contamination of water by bacteria by checking the sulphide ion concentration and find out the cause of contamination.

PROJECT -2

Testing the hardness, presence of iron, fluoride, chloride etc. in drinking water obtained from different regions and a study of the cause of presence of these ions above permissible limits.(Any One)

6. Biology

1. Study and use of various media and techniques to the extent of their availability and conduct a survey to any botanical garden or zoological park to observe the biodiversity and answer the following questions:
 - a. What is biodiversity ?
 - b. Briefly describe the hierarchy of taxonomy with an example.
2. Study of visual resources and means of creative expression and collect data for the phylum Arthropoda and mollusca.

7. Accountancy

Visit to your nearby stores (any five) and collect the data of their monthly sales, purchases, sales return , purchases return and expenses. Write your observations on how the store owners are managing their work to minimize cost and expenses.

8. Business Studies

Prepare a brief report on 'Vocal for Local' Campaign , Make in India and Skill India projects of Govt. of India

9. Economics

Activity 1

Prepare a sample questionnaire of Consumer Eating Preferences/Consumer Awareness Amongst Household Articles/Mobile Phone Network Service Providers with at least 10 questions in it. Perform this survey with 10 different people and record the differences of preferences using statistical tools. Also add conclusion at the end of report. Prepare and record your own video of 2 mins sharing your own experience of conducting survey.

Activity 2

During summer break the student will visit to any Mall in the city with their parents and make a project report/observation report (consisting 10-12 pages) which must include :

- Number of floors, shops occupied and unoccupied
- Nature of shops, their ownership status
- Nature of goods dealt in; local brands, International brands
- Rented spaces, owned spaces
- Different types of promotional schemes
- Most visited shops
- Special attraction of the mall- Food court, gaming zone or cinema etc.
- Innovative facilities
- Parking faculties etc.

Student may add any other relevant information to their report. Use Pictures or own video of visiting Mall.

10. History

1. Explore any five wonders on "My City" under the following headings:
 - (i) History and Culture
 - (ii) Food and Drinks
 - (iii) Arts and Entertainment
 - (iv) Shopping and Local Businesses
 - (v) My City- An Ever-evolving Beauty

2. Collect some pictures of Mesopotamian civilization like "It's Geography, Ruins of Cities, Life of people, Occupation, Art of writing, Uses of writing, Trade and Commerce etc. and prepare a collage on it. (Use internet for collecting pictures.)

11. Political Science

1. For deepening the understanding of the context in which the Indian Constitution was made and also to learn about the life and times of Indian National Leaders, watch and discuss the Rajya Sabha TV Series, *Samvidhan: The making of Constitution of India and films such as Gandhi, Sardar, and Dr. Babasahem Ambedkar.*
2. On a chart, calligraphically mention provisions which Indian Constitution makers adapted from constitutions of different countries. (Mention any five countries' Provisions)

12. Physical Education

Collect and compare your data of Physical Fitness Test: SAI Khelo India Test (1st: First week of summer vacation & 2nd: Last week of summer vacation).

- 1) BMI
- 2) 50mt Speed test
- 3) 600mt Run/Walk
- 4) Sit & Reach flexibility test
- 5) Strength Test (Abdominal Partial Curl Up)
- 6) Push-Ups for boys, Modified Push-Ups for girls.

13. Painting

- 1) 10 Object drawings draw on sketch book
- 2) 10 figure drawings draw and colour on sketch book.

14. Psychology

1. Conduct a nature walk and observe the impact of nature on mental health. Note down your observations and reflect on the experience. Write a report on the benefits of spending time in nature on mental health.
2. Visit a museum and art gallery and observe the effect of art on mind. Conduct an interview for 5 people on the same. Write a report on the benefits of engaging in art on mental health.

15. National Cadet Corps

Make a poster on any one given topics (size - half drawing sheet)

1. Health and Hygiene
2. Save Environments
3. Water Conservation
4. You have to display the poster in a public area and make a short video of your creation with people reactions.