

DELHI PUBLIC SCHOOL ALIGARH
CLASS-X
HOLIDAY HOME WORK-2024-25

ENGLISH:

BOARD PROJECT WORK

1. Read The 'Diary of a Young Girl' by Anne Frank.

Do any one of the following projects.

A. INTERDISCIPLINARY PROJECT

Anne Frank experienced World War II's impact firsthand. She could look out her window and see soldiers walking in the street. She was forced from her home by the Nazis because of her race. Anne Frank needed to know about the events leading up to the war in order to understand what was happening to her and why the Holocaust took place.

For this task, you will be required to research the events which led to World War II. You will need to discover the countries, people, and historical events involved in World War II. Create a timeline of your findings. It should have at least ten events.

You may use any references, but here is a helpful link for this task:

www.euronet.nl/users/wilfried/ww2/ww2.htm

OR

B. ART INTEGRATED PROJECT

Wherever Anne Frank went, she tried to keep a scrapbook of pictures. She took her pictures everywhere she went so she could remember her past. The pictures were her most precious belongings when everything else seemed to disappear.

"A picture is worth a thousand words."

Create a scrapbook about events from the Holocaust and WWII. Be sure to include the timeline, the interview, the Venn-Diagram, the factsheet, and pictures or other information you gathered on your journey through this web quest. Make sure that your scrapbook is colorful, neat, and organized. Dedicate this scrapbook to the remembrance of Anne Frank, her hopes, dreams, and others who suffered from the Holocaust. There should be at least five different pages in the scrapbook.

You may use any references, but here is a helpful link for this task:

www.euronet.nl/users/wilfried/ww2/ww2.htm

2. SPEECH SCANNING

You have recently read the Inaugural speech given by Nelson Mandela in Pretoria. Here are the links for world's most famous speeches. Listen to them carefully two to three times. Write your observation mentioning the occasion, purpose, difference in delivery style, particular phrase or sentence you liked, in the form of an essay in about 500 words. You also have to present your views on the speech in front of the whole class. The session will be considered as ASL and recorded.

Prepare yourself thoroughly for the cross questioning by students and examiner.

LINKS: https://www.youtube.com/watch?v=pJiXu4q__VU

https://www.youtube.com/watch?v=fHi_xvrVUm8 <https://www.youtube.com/watch?v=bC4kQ2-kHZE>

NOTE: Submit both the projects in a single file in the first week of July.

3. DIPASHA

We are back with our 2024 edition of DIPASHA, our annual school magazine.

Send your contribution in the form of articles, poems, paintings or illustrations on any theme of your choice. Make sure you take care of the following points before submission:

All work has to be typed in Microsoft Word in Font style: Calibri and Font size: 12. Write your full name, class and Section at the end of your writing. Attach your colored passport size photograph and mail it by June 20, 2024 at smita@dpsaligarh.org

HINDI:

निर्देश: संपूर्ण गृहकार्य परियोजना पुस्तिका (प्रोजेक्ट फाइल)में करना है।

प्रश्न1- मई तक पूर्ण कराया गया समस्त कार्य स्मरण करना है तथा पाठों से संबंधित मुहावरे भी याद करने हैं।

प्रश्न -2-परियोजना कार्य -ग्रीष्मकालीन अवकाश के दिनों में अपने माता-पिता या बुजुर्गों के साथ किसी न किसी प्रकार एक घंटा मदद करिए और प्रतिदिन पांच पंक्तियों में लिखिए कि आपने क्या कार्य किया और क्या अनुभव किया, आवश्यकतानुसार फोटो भी लगाइए।

प्रश्न 3- कबीरदास के आठ दोहे तथा मनुष्यता कविता के पांच पैराग्राफ याद कीजिए तथा सस्वरवाचन के साथ अपना वीडियो बनाइए।

प्रश्न 4-अपने घर में आने वाले किसी भी हिंदी समाचार पत्र को पढ़कर कोई एक राष्ट्रीय समाचार परियोजना पुस्तिका में लगाइए और उस समाचार को अपने 60 शब्दों में लिखिए।

प्रश्न 5- किसी भी हिंदी दैनिक समाचार पत्र से खोया -पाया, जमीन बिकाऊ, कोचिंग सेंटर, मोबाइल फोन, पेय पदार्थ संबंधी चार वर्गीकृत और चार प्रदर्शित विज्ञापन कटिंग करके परियोजना पुस्तिका पर चिपकाकर पुनः उन्हें अपने अनुसार बनाइए।

प्रश्न 6क-राज कपूर और वहीदा रहमान की फिल्म 'तीसरी कसम'

देखकर अपने पाठ ' तीसरी कसम के शिल्पकार शैलेंद्र 'के आधार पर फिल्म की समीक्षा 100 शब्दों में लिखिए।

ख-भारत चीन युद्ध पर आधारित फिल्म 'हकीकत' देखकर गीत 'कर चले हम फिदा' सुनिए तथा देश की रक्षा के प्रतिअपने विचारों को 100 शब्दों में लिखिए।

दिपाशा पत्रिका- विद्यालय पत्रिका दिपाशा के लिए स्वरचित कविता, कहानी, यात्रा-वृत्तांत या समसामयिक किसी एक विषय पर लेख लिखिए। लेख स्वरचित होने चाहिए।(अपना फोटो भी लगाइए।)

SANSKRIT:

नोट— संकेत 1, 2, 3, 4 अपनी अभ्यास पुस्तिका में करना है तथा संकेत 5 निम्नलिखित मेल पर भेजना है।

1- कोई भी दो संवाद छोटकर मंजूषा की सहायता से रिक्त स्थान भरकर लिखिए।

2- ग्रीष्मावकाश में जहाँ भी भ्रमण हेतु आप जाएँ उसका वर्णन करते हुए पाँच संस्कृत में लिखिए।

3- हिन्दी समाचार पत्र या किसी घटना से सम्बन्धित कोई भी दो चित्र छोटकर, उस पर पाँच संस्कृत में लिखिए।

4- रमणीया हि सृष्टिरेषा व आज्ञा गुरुणाम् हि अविचारणीया पाठ से दस दस कठिन शब्दों को छोटकर उसका अर्थ लिखिए व प्रश्न निर्माण भी कीजिए।

5- कथा, कहानी, लेख, श्लोकार्थ या अर्थसहित सूक्तियाँ, इन में से किसी भी विषय पर संस्कृत भाषा में लिखिए। नीचे अपना नाम, कक्षा वर्ग व फोटो लगाकर sateeshjain56@gmail.com मेल पर भेज दीजिए।

URDU:

Select any one contemporary topic of Social or Educational importance. Collect pictures related to that topic from Urdu/English/Hindi newspaper and from Urdu Magazine also (Mahnama Umang, Bachcho ki Duniya- latest issue) and prepare a **Scrap Book**. And also prepare a report on the same topic. (500wordslimit)

OR

Prepare a two Chart Paper which will be decorated and write ISM (Noun) aur uskiqismien, Sifat (Adjective) aur uskiqismien in first chart and in second chart prepare with Fael (Verb) aauruskiqismien. With good examples and design both the sheets beautifully.

OR

Art Integrated Project: Draw anything of your choice and find a quote / thought / few urdu poem lines / sher /any very short story from the internet which compliments the drawing an ivory or A4 drawing sheet. Consult with your urdu subject teacher before finalizing your writing material.

MATHEMATICS :

Activity 1: Math Puzzle Creation

1. Create a Math Puzzle or Brain Teaser that involves concepts like number patterns, logic or geometry.
2. Write down the puzzle along with the solution and instructions for solving it.

Activity 2: Maths in Nature

1. Go on a nature expedition and capture photographs or sketches of patterns, shapes and structures that demonstrate mathematical principles.
2. Create a photo album or a collection of drawings, labeling each image with the relevant mathematical concept it represents.
3. Write a reflection on the prevalence of mathematics in nature and its significance.

Activity 3: Maths Power Point Presentation

1. Design a ppt on a specific topic from class X Mathematics syllabus.
2. Present the topic in an engaging and interactive manner, explaining concepts, providing examples and solving problems.
3. Incorporate visuals, animations or props to enhance the presentation.
4. Mail your presentation to the following id's:

XA : binodsharma@dpsaligarh.org

XB : seema@dpsaligarh.org

Check your Progress:

Do the assignment shared on entab.

Note: Compile all your completed tasks into a creative portfolio (in your activity file), including photograph, report, presentation etc. Write a brief reflection on what you enjoyed most about the assignment and how it enhanced your understanding and appreciation of mathematics.

SCIENCE:

CHEMISTRY:

- 1) To prepare a project on the topic "Types of chemical reactions" (Combination, Decomposition, Displacement and Double Displacement Reaction)
- 2) Balance the following equations:
 - a) $\text{NH}_3 + \text{CuO} \rightarrow \text{Cu} + \text{N}_2 + \text{H}_2\text{O}$
 - b) $\text{Al}(\text{OH})_3 \rightarrow \text{Al}_2\text{O}_3 + \text{H}_2\text{O}$
 - c) $\text{Mg}(\text{OH})_2 + \text{HCl} \rightarrow \text{MgCl}_2 + \text{H}_2\text{O}$
 - d) $\text{AlCl}_3 + \text{NH}_4\text{OH} \rightarrow \text{Al}(\text{OH})_3 + \text{NH}_4\text{Cl}$
 - e) $\text{NH}_4\text{NO}_2 \rightarrow \text{N}_2 + \text{H}_2\text{O}$
 - f) $\text{PbS} + \text{H}_2\text{O}_2 \rightarrow \text{PbSO}_4 + \text{H}_2\text{O}$
 - g) $\text{CuSO}_4 + \text{NaOH} \rightarrow \text{Cu}(\text{OH})_2 + \text{Na}_2\text{SO}_4$
 - h) $\text{MnO}_2 + \text{HCl} \rightarrow \text{MnCl}_2 + \text{H}_2\text{O} + \text{Cl}_2$
- 3) What type of chemical reactions take place when:
 - a) A magnesium wire is burnt in air.
 - b) Lime stone is heated.
 - c) Silver bromide is exposed to sunlight.
 - d) Electricity is passed through water.
 - f) Ammonia and hydrogen chloride is mixed.
- 4) Revise SYMBOLS, CHARGE AND NAMES of different cations and anions.

PHYSICS:

1. Make a chart of symbols of some commonly used components in circuit diagrams.
2. Make an electric circuit with LED bulbs, connecting wires, small battery (DC).
3. Draw a closed & open circuit diagrams on chart.

BIOLOGY:

Q 1- Prepare a working model of the heart showing its internal structure.

Q 2- Visit the doctor to learn the working of a sphygmomanometer to measure blood pressure and explain its functioning.

Q 3- Visit a pathology to see how a slide of blood smear is prepared to see blood cells and prepare a chart of cells.

Q 4- Prepare a diet chart showing different kinds of food items and amount of calories they provide. Also write the amount of calories required by a child, an adult and an old person as a balanced diet.

SOCIAL SCIENCE:

History: Make a detailed project on "MAKING OF A GLOBAL WORLD".

Subtopics to be highlighted in the project:

- 1- Implication of globalization for local economies
- 2- Globalisation is experienced differently by different social groups
- 3- How the transportation works as a life line of economy

OR

Political Science: Political parties

The recent Lok Sabha elections held in 2024. Many parties were in the fray and the results have been declared. Analyze this election and submit a Project report by answering the questions mentioned below.

- 1- Analyze the importance of elections in a democratic country.
- 2- Name of the parties contesting and their alliances along with their symbols.
- 3- Slogans used and highlights of their campaigns.
- 4- The controversial issues that have been a part of the election.
- 5- Analysis of result with the help of pie diagram.

Note: Collect and paste at least 5 newspaper articles on this topic and questions for your report.

ECONOMICS: 1-Make a project on the topic "Sustainable development" (minimum 6-7 pages). Do the research work, collect the information related to the following areas and arrange them in the same order in your file. To support your topic and make it impressive use some pictures/images/cut outs/articles.

- 1-Acknowledgement
- 2-Title with a background image
- 3-Introduction
- 4-Features and examples
- 5-Importance/Significance
- 6-Goals (national and global)
- 7-How can we make it happen?
- 8-What prevent it from happening?
- 9-Three pillars (Economic/Social/Environmental)
- 10-Principles
- 11-Conclusion
- 12-Bibliography

OR

2-Make a project on the topic "Public facilities" (minimum 6-7 pages). Do the research work, collect the information related to the following areas and arrange them in the same order in your file. To support your topic and make it impressive use some pictures/images/cut outs/articles.

- 1-Acknowledgement
- 2-Title with a background image
- 3-Introduction: What is a public facility?
- 4-Need
- 5-Importance/Significance in our life
- 6-Characteristics

- 7-What will happen in its absence?
- 8-Growth of public facilities since independence
- 9-Conclusion
- 10-Bibliography

COMPUTER:

PORTFOLIO/ PRACTICAL FILE:

Portfolio should contain printouts of the practical done using Writer and Calc with minimum 5 problems of each.

ART:

As part of your holiday homework, you will be creating a poster on the topic “Environmental Conservation”.

- * This project aims to increase your awareness of important environmental issues and encourage you to think creatively about how we can protect our planet.
- *Here are the guidelines for your poster:
- *Poster Size: Use an A3 size sheet for your poster.
- *Content: Your poster should highlight key aspects of environmental conservation. This can include topics such as recycling, water conservation, energy efficiency, reducing pollution, protecting wildlife, or sustainable practices.
- *Creativity: Be creative with your design! Use colours, drawings, and text to convey your message effectively.
- *Submit your completed poster within the first week of reopening.
- *We look forward to seeing your unique and thoughtful creations.
