



Delhi Public School, Barasat

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CBSE Affiliation No. 2430391

Notice No. DPSB/26-27/013 K

Date: 18-04-2026

NOTICE FOR CLASS XI

Dear Parents,

Warm Greetings from Delhi Public School, Barasat!

This is to inform you that Term-I project work for Class XI have commenced for all subjects as per CBSE guidelines. Students are required to prepare and submit projects in all the subjects.

Important Points: Projects should be submitted in a proper file with the student's name, class, section, and roll number.

Project topics and rubrics have been shared by the respective subject teachers. These projects carry weightage in the Internal Assessment and will reflect in the Term-I report card.

Your ward's timely completion and submission of the project work is solicited. Kindly ensure that the work is original and done by the student.

For any clarification, you may contact the subject teacher.

Warm Regards,

PRINCIPAL
DELHI PUBLIC SCHOOL
BARASAT

Ms. Joyeeta Majumder
Principal
Delhi Public School, Barasat



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CLASS- XI SCIENCE
TOPICS FOR PROJECT WORK
SESSION: 2026-27

Sl. No.	Subject	TOPICS	Date of Submission
1.	English	TOPIC: “Nature's Poetic Whisper” : Exploring 'Voice of the Rain' by Walt Whitman OBJECTIVE: Explore and appreciate Walt Whitman's poem "Voice of the Rain" through a multi-dimensional lens — literary, philosophical, and personal. By examining the poem's structure, themes, imagery, and symbolism, this project aims to deepen the understanding of Whitman's unique free verse style and his transcendentalist vision of nature. ---The Project Work is a written assignment for 10 Marks. (INDIVIDUAL ASSIGNMENT) ---Word limit: 800-1000 ---To be submitted in a Shoe-Lace File covered and labelled as "English Project File" ---Students must adhere to the Project Guidelines to be shared as a separate PDF file.	20.07.2026
2.	Maths	To find the values of sine and cosine functions in second, third and fourth quadrants using their given in first quadrant.	15.09.2026
3.	Physics	Investigatory project on “ Rockets and Newton’s Third Law of Motion ”	17.08.2026
4.	Chemistry	a) Checking the bacterial contamination in drinking water by testing sulphide ion b) Study of the methods of purification of water c) Testing the hardness, presence of Iron, Fluoride, Chloride, etc., depending upon the regional variation in drinking water and study of causes of presence of these ions above permissible limit (if any). d) Investigation of the foaming capacity of different washing soaps and the effect of addition of Sodium carbonate on it	30.08.2026



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		NOTE: The students are expected to prepare a project on any 1 of the topic given above. The Project must contain a photo gallery, an index, a certificate page, a cover page, an acknowledgement page and a bibliography. The project should not contain any hand written part. It must be colorful and must be submitted in channel file. The project is supposed to contain 18 to 25 pages.	
5.	Biology	INVESTIGATORY TOPICS: 1. Pollution and Plant growth: AIM: To grow identical set of seeds and water them with different concentration of Acid rain 2. Effect of Light Wavelength AIM: Grow pea or bean plants different colour of light 3. Effect of Growth regulators on Shoot Morphology AIM: To observe how the external factors can alter the morphology of Plants shoot system 1. Title Page 2. Certificate 3. Acknowledgement 4. Index / Table of Contents 5. Introduction / Overview 6. Objective / Aim of the Project 7. Body 8. Research work done/Documentation 9. Survey/Graphs	20.06.2026



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		10. Cases/Studies 11. Conclusion 12. Bibliography	
6.	Computer Science	Project Title: Shopping Billing System Question: Design a menu-driven Python program to implement a Shopping Billing System for a small store. The program should allow the user to perform the following operations: Add Items to Cart - Input item name, quantity, and price. - Store the details of multiple items. Display Cart Details - Show all items added with their quantity, price, and total cost per item. Calculate Total Bill - Compute the total amount for all items. - Apply discount based on the total amount: 10% discount if total > 1000 5% discount if total > 500 - No discount otherwise Generate Final Bill - Display item-wise details - Show total amount, discount, and final payable amount	20.08.2026



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		5. Exit the Program Additional Requirements: • Use lists or dictionaries to store item details. • Implement a loop-based menu system. • Display output in a well-formatted bill style. Bonus (for extra marks): • Add GST calculation (e.g., 5%) • Allow removal of items from cart Handle invalid inputs	
7	Physical education	*Prepare a File on the administration of ' KHELO INDIAN FITNESS TEST ' mentioning the procedure, Aim, Equipment required. Photos must be attached in the file. * The file should be covered and labeled properly mentioning the name, class and roll number.	04.08.2026
8	Painting	1.Fruits Study (Still Life Study with Pencil shading 2.Water Colour Daily life Composition	21.06.2026



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9.	Psychology	Project Topic- Cyberbullying Project Title- Cyberbullying and Emotional Well-being: A Study Among Adolescents 1.COVER PAGE 2.INDEX 3.ACKNOWLEDGEMENT 4.CERTIFICATE 5.INTRODUCTION 6.OBJECTIVES 7. LITERATURE REVIEW 8. METHODOLOGY 9. DATA COLLECTION TOOLS 10. DATA ANALYSIS 11. FINDINGS 12. CASE EXAMPLE 13. DISCUSSION 14. SUGGESTIONS TO PREVENT CYBERBULLYING THROUGH HEALTHY SOCIAL MEDIA USE 15. CONCLUSION 16. LIMITATIONS 17. SUGGESTIONS 18. REFERENCES 19. APPENDIX	29.06.2026
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