



Delhi Public School, Barasat

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CBSE Affiliation No. 2430391

Notice No. DPSB/26-27/013 N

Date: 18-04-2026

NOTICE FOR CLASS XII

Dear Parents,

Warm Greetings from Delhi Public School, Barasat!

This is to inform you that Term-I project work for Class XII 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- XII SCIENCE
TOPICS FOR PROJECT WORK
SESSION: 2026-27

Sl.No	Subject	TOPICS	Date of submission
1.	English	TOPIC: "Shattered Childhoods: A Study of Child Labour and Poverty in Urban and Rural India — Through the Lens of Lost Spring by Anees Jung" Objective: Explore the socio-economic conditions that trap children engaged in labour through the literary perspective of Anees Jung's 'Lost Spring', and to study the real-world initiatives, laws, and challenges involved in eliminating child labour from India. ---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 shared as a separate PDF file.	20-07-2026
2.	Maths	To construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner.	18-06-2026
3.	Physics	Investigatory study of the concept of electromagnetic induction and its use in magnetic levitating trains.	30-06-2026
4.	Chemistry	a) Study of the presence of oxalate ions in guava fruit at different stages of ripening. b) Study of quantity of casein present in different samples of milk. c) Preparation of soybean milk and its comparison with the natural milk with respect to curd formation, effect of temperature, etc. d) Study of the effect of Potassium Bisulphate as food preservative under various conditions (temperature, concentration, time, etc.) e) Study of digestion of starch by salivary amylase and effect of pH and temperature on it. f) Comparative study of the rate of fermentation of following materials: wheat flour, gram flour, potato juice, carrot juice, etc.	10-07-2026



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		g) Extraction of essential oils present in Saunf (aniseed), Ajwain (carom), Illaichi (cardamom). h) Study of common food adulterants in fat, oil, butter, sugar, turmeric power, chili powder and pepper. 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. A project is supposed to get highest marks if it is not copied from any one and if it is not copied by others.	
5.	Biology	1.ABO Blood Group Frequency: Survey a population to calculate the distribution frequency of blood groups and Rh factors 2.Pollination Patterns in Local Flora: Study and survey different flowers in your area to identify morphological adaptations for wind, insect, or bird pollination 3.water portability: study and survey the water samples from different places in your area and measure it is potable or not. 4.Juvinile diabetes Type 1 is a very common type: Study and survey the different cases atleast 3 , consult with the doctor, therapy given and the symptoms of the disease and built an investigatory project with your data collected. This will be done in a shoelace file any other means of file submission will not be accepted and it should be totally research based .Any copy pasting from any multi media makes the project cancelled.	29-07-2026
6	Computer Science	Project Title: Library Management System using File Handling Question: Design and develop a Python program to implement a Library Management System that stores book records permanently using files.	



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		The program should be menu-driven and perform the following operations: Functional Requirements: Add New Book Record - Input Book ID, Book Name, Author, and Quantity - Store the data in a file Display All Books - Read data from file and display all records in a proper format Search Book - Search a book using Book ID or Book Name - Display details if found Issue Book - Reduce quantity when a book is issued - Do not allow issuing if quantity is 0 Return Book - Increase quantity when a book is returned Delete Book Record - Remove a book from the file Exit Program Technical Requirements: - Use file handling (text or binary file) - Use functions for modular programming - Use loops and conditional statements - Proper input validation Display output in a tabular format	20-07-2026
7	Physical education	Prepare a file on any one IOA recognized Sports/game of your choice. The file must include following things - * Labelled diagram of the field and equipment * Rules of the game * Skills * Terminologies related to the game * National and International Tournaments * Five Famous Sportsperson related to the game. # The project file must be covered and labelled properly. Only shoe-lace practical files will be used.	07-08-26



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8	Psychology	Topic- Adjustment Title - To measure the adjustment pattern of an individual using a standardized test of adjustment for school students Please note- it's not a project it's a practical.	29.06.2026
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