



BGS International Public School
Sector 5, Dwarka, New Delhi

Class XII

2024-25

Summer
Assignment



BGS INTERNATIONAL PUBLIC SCHOOL
SEC-5, DWARKA, NEW DELHI - 110075
HOLIDAY HOMEWORK CLASS XII (2024-25)

S.No.	Name	Topics
1	English	English Project Project Work based on literature chapters given. Students have to prepare the book cover and write a report of 1000 words on the topic given.
2	Physics	<ol style="list-style-type: none"> 1. Complete activity note book, 2. Complete project file (as discussed in the in the class), 3. Prepare first three chapters (i.e electric charges and field, electric potential and capacitance, current electricity,) for PT-1, 4. Make a working model of physics.
3	Chemistry	<ol style="list-style-type: none"> 1. Prepare an Investigatory project on approved topic in form of a power point presentation using photoshop and involve colourful pictures. Headings must be same as in the document shared earlier. 3. Prepare flowcharts for chemical reactions of organic chemistry and learn the chemical equations. 2. Write all practicals in Chemistry Practical file. 4. Practice reaction mechanisms of organic chemistry reactions in writing. <p>NOTE: All information related to written work in practical file will be given in class.</p>

4	Mathematics	<p>Holiday Homework Mathematics</p> <p>1) Activity File: (Individual Activity) Students will write 10 activities on project file as a part of internal assessment.</p> <p>2) Assignments and Previous year questions to be completed for the completed chapters in Assignment Registers. Questions will be shared in subject group.</p> <p>3) Art Integration in Mathematics: Mathematics and its essential role on AI (Group Activity) Students will be divided into groups (5 to 6 students in each group), they will prepare Animated videos/ PPT/ Models based on any one of AI tools.</p> <p>#Class point - Quiz Maker #Symbolab #Geogebra #Wolfram Alpha #Maplesoft #Microsoft Math Solver. #Gamify Math- puzzles/ board games.</p>
5	Biology	<p>Complete the assigned practicals along with diagrams in the Biology Practical file.</p> <p>In a group of five prepare an integrated video by the help of photography, sculpture/clay modeling, story telling, dance performance, song, role play etc.</p>
6	Computer Science	<p>COMPUTER SCIENCE PROJECT : To create something that is tangible and useful using Python file handling/ Python-SQL connectivity. A wide variety of Python libraries can be used to create user friendly applications such as games, software for their school, software for their disabled fellow students, and mobile applications.</p>
7	Physical Education	<p>Practical file work - main game ,600 M Run walk ,50 m – ,sit up push up ,two sitting and two standing yoga Asana.</p>
8	Psychology	<p>Case Study to be completed. Revision of Syllabus for PT1.</p>
9	Accountancy	<p>Investigatory Project</p>
10	Business Studies	<p>(1) Project Work: Any one from the following: (i) Elements of Business Environment (ii) Principles of Management (iii) Stock Exchange (iv) Marketing (2) Complete all assignments and N.C.E.R.T. questions of chapter: 1,2 & 11 (3) Revise chapter: 1 ,2 & 11</p>
11	Economics	<p>Project Work, revision for PT-1, Worksheet of chapters</p>

12	Informatics Practices	Project in IP to be developed . Identify a real-world problem , take data stored in csv or database file and analyze using Python libraries and generate appropriate charts to visualize.
13	Political Science	Project File , Assignment on all the chapters of world politics
14	Sociology	1. Complete the research project file as per CBSE norms. 2. Revise book 1 ch 1-4 thoroughly. 3. Complete the sample question paper for book 1 given in class.
15	Entrepreneurship	ENTREPRENEURSHIP SUMMER ASSIGNMENT PROJECT WORK: * Market survey (any product of their choice) * Business plan (any product of their choice)
16	Applied Mathematics	Holiday Homework Applied Mathematics 1) project file;(Individual project)Students will have to make a project on either one of the following topics project file as a part of internal assessment. (i) Visit Kirana Shops near your home and collect the data regarding the sales of certain commodities over a month. Try to figure out the stock of a particular commodity which should be in the store in order to maximize the profit. (ii) Each day newspaper tells us about the maximum temperature, minimum temperature, and humidity. Collect the data for the period of 30 days and represent it graphically. Compare it with the data available for the same time period for the previous year 2) Do practice worksheets for completed chapters in Assignment Registers. Questions will be shared in subject group. 3)Art Integration in Applied Mathematics (Group Activity): Real life Application of Applied Mathematics and it's essential role on (Use of Spread Sheets) (for example - Stock Market data sheet on Excel, Collect data from newspapers on traffic, sports activities and market trends and use Excel to study future trends). Students will be divided into groups (5 to 6 students in each group), they will prepare # Animated videos/ PPT/ Models

Note : As per CBSE, Internships are mandatory for students from class 9 to 12.

Students are required to do internship as much as possible.

Internships will enhance their resume for further studies in foreign and some Indian universities where th