



DELHI PUBLIC SCHOOL
GREATER FARIDABAD, SEC-81
(Under the aegis of The DPS Society)

Dream • Persevere • Succeed

The Complete Schooling

Happy Holiday Tasks

2025-26

Relax, Recharge & Learn

Class - XI

Dear Dipsites

These holidays, we invite you to journey inward and outward not just to finish assignments but to discover ideas, express your voice, and engage with the world in new, meaningful ways.

This holiday homework isn't a checklist, it's a canvas. A space where art meets science, imagination meets logic and curiosity leads the way. Designed in the spirit of the National Education Policy 2020, these tasks aim to develop not just your mind, but your heart and hands too.

The real purpose of education is not confined to exams or grades. It's about learning how to learn, how to wonder, how to live thoughtfully and joyfully. Through each reflection, model, sketch or research, you're not just doing homework, you're becoming a lifelong learner.

In addition to the given Holiday Homework, we would like to apprise you that the Ministry of Education, Government of India, has launched SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) platform to provide access to quality online education to students. The National Council of Educational Research and Training (NCERT) is offering Massive Open Online Courses (MOOCs), for students of Class XI through SWAYAM portal and mobile app from 16 April 2025 to 15 September 2025. The link to the Swayam Portal is given below. You can browse the portal for the courses available for students and pursue the ones that align with your goals.

Link to Swayam: <https://swayam.gov.in/explorer>

So read with wonder. Create with courage. Question with confidence. This is your time to explore, to dream, and to grow into the most thoughtful version of yourself.

Regards

Delhi Public School Greater Faridabad

SUBJECTS	HOLIDAY HOMEWORK
ENGLISH	Read the following chapters carefully and create a visual presentation (handmade or digital) on any one of the following themes: 1. Silk Road – Nick Middleton 2. Discovering Tut: The Saga Continues – A. R. Williams 3. We're Not Afraid to Die... if We Can All Be Together – Gordon Cook & Alan East 1. Trace the Route of the Silk Road: Illustrate the historic journey along the Silk Road by mapping out its significant trade routes, connecting the East and the West. Highlight key cities, cultural exchanges, and the impact of this ancient network on global history. 2. Chronicle the Discovery of Tutankhamun's Tomb: Create a detailed timeline beginning with the discovery of King Tut's tomb by Howard Carter in 1922 and extending through the various stages of exploration, preservation, and scientific investigations, including the CT scan conducted in 2005. Optionally, include recent developments or studies up to the year 2025. 3. Bring the Adventure to Life – Storyboard Activity: Design a comic strip or storyboard that depicts a significant moment from the story "We're Not Afraid to Die... if We Can All Be Together". Capture the characters' emotions, challenges, and perseverance through creative visuals and dialogue. 4. Discover the Mystique of the Valley of the Kings – Travel Brochure Activity: Create an informative and visually appealing travel brochure for the Valley of the Kings. Emphasize its historical, cultural, and archaeological significance as the final resting place of pharaohs and a treasure trove for Egyptologists and tourists alike. Note: The students preparing the presentation digitally should submit the same on the GCL and submit a printed hard copy of the same.
PHYSICS	• The students are expected to complete practical file for experiment given below except observation

	Experiment 1. To measure the diameter of a spherical/cylindrical body using vernier calipers. Experiment 2. To measure the diameter of a given wire using a screw gauge and to find its volume. Link for both the experiments is given below: • https://www.olabs.edu.in/?pg=topMenu&id=40 • Complete worksheet given till Kinematic.
CHEMISTRY	• Prepare a Formula Sheet on an A4 coloured pastel sheet for the Chapter: Some Basic Concepts Of Chemistry . • HANDS ON ACTIVITY: Note down at least ten common chemical compounds present as ingredients in daily utility items around you like soap, cosmetics, food products etc and try to explore them by finding and writing their formulas on an A4 coloured pastel sheet. • Suggested Online Chemistry Course: • With the vast array of educational resources available online, you can access study materials, video lectures, and interactive tutorials that cater to your learning style. By leveraging these resources, you can deepen your understanding of complex chemistry topics, get certified ,stay up-to-date • With the latest developments, and develop a more nuanced appreciation for the subject. Below are few suggestions: Chemistry XI Part-1 https://onlinecourses.swayam2.ac.in/nce25_sc07/preview https://cursa.app/en/free-course/organic-chemistry-eafh https://pll.harvard.edu/subject/chemistry-0 https://nta.ac.in/lecturesContent • Educational Apps : The National Testing Agency (NTA) offers a free app called NTA Abhyas for JEE Main and NEET preparation, providing mock tests and personalized feedback. Additionally, the Ministry of Education, in collaboration with IIT Kanpur, has launched SATHEE (Self Assessment Test and Help for Entrance Exams), a free platform with interactive coaching, study materials, and mentorship for JEE and NEET aspirants. Students can download from playstore and can avail the guidance. This aims in guiding students towards wise use of digital services available for educational purposes.
BIOLOGY	A. Project allocated to students about the tagging of trees of school and QR coding to be done (Group activity)

	Three groups made for survey, data collections and description of plants, QR tagging. B. Practical file to be completed(instructions are given in the class) and the list of the same is given below: 1.Study of osmosis by potato osmometer. 2.Study of plasmolysis in epidermal peels 3.Separation of plant pigments through paper chromatography.
MATHS	Activities number 1,8,9,10 and 13 from NCERT MATHS LAB MANUAL to be completed in practical file with all the observations. Links for the experiments are given below: 1) https://youtu.be/_YlhPTEvk?si=NzA9p7iAFDWuVdwz 2) https://youtu.be/DoY8zTS1Aog?si=JbWp4lAyQ001Y5ZR
ECONOMICS	(A) Do the following questions in the notebook: 1) A consumer consumes only two goods X and Y. At a consumption level of these two goods, he finds that the ratio of marginal utility of price in case of X is higher than in case of Y. Explain the reaction of the consumer. 2) Suppose a consumer can afford to buy 6 units of good 1 and 8 units of good 2 if she spends her entire income. The prices of the two goods are Rs 6 and Rs 8 respectively. How much is the consumer's income? 3) A consumer wants to consume two goods X & Y. The prices of X and Y goods are Rs 4 and Rs 5 respectively. The consumer's income is Rs 20. (i) Write down the equation of the budget line. (ii) How much of good X can the consumer purchase if she spends her entire income on that good? (iii) How much of good Y can she consume if she spends her entire income on that good? (iv) What is the slope of the budget line? (B) Read two Editorials per week related to dynamics of Indian Economy including its functioning and policy framework for domains like the Business World, Banking Sector, Stock Market etc or Economics of International World like Brexit, Eurozone, Trump's Policy from. Economics Daily like (The Economic times, Live Mint, The Business Standard, The Economist etc) and submit synopsis of the same in your own words along with the original articles.
BUSINESS STUDIES	1. Create BUSINESS -TOON or write an article on any current corporate issue. 2. Formulate a creative BUSINESS IDEA suitable for the school's commerce magazine. 3. Complete the assignment shared on GCR in Fair notebooks.
ACCOUNTANCY	Comprehensive project of any sole proprietorship business. This may state with journal entries and their ledgering, preparation of Trial balance. Project Guidelines: • The students are allowed to select any business of their choice or develop the transaction of imaginary business. The project is to run through the

	chapters and make the project an interesting process. The amounts should emerge as more realistic and closer to reality. • After selection, the students are required to visit a shop in the locality (this will help them to settle on a realistic amount of different items. The students would be able to see the things as they need to invest in furniture, decor, lights, machines, computers etc. and record various expenses and incomes like wages, rent, purchases, sales etc. • Students are expected to pass 20-25 journal entries and accordingly proceed.
SOCIOLOGY	Exploring Sociological Concepts through Literature Read George Orwell's Classic <i>Animal Farm</i> during the Summer Vacation. You may purchase it online or read the PDF available on Internet. With animal allegory, it's an engrossing lightweight read running over just 90 pages. However, the story has a powerful sociological connection. After you have completed the reading, reflect upon how the story is linked with the following concepts that have been done in the class- a. Sociological Imagination b. Social Groups c. Social Stratification d. Social Control e. Status and Role -Reflection must be typed under each of the above heads drawing particular examples from the story. -Total Word limit- 450-500 words in MS-Word -Work must be original with no AI based inputs -Each reflection will be scanned for plagiarism/AI assistance. -The above carries 5 marks towards Internal Assessment with the following break up- Originality of thought- 2M Sociological Connect and Understanding- 2M Timeliness of submission- 1M
GEOGRAPHY	A presentation has to be made on any one of the following topics- World Climate and Climate Change OR Biodiversity and Conservation Project work on Natural Hazards and Disasters- Study any one disaster under the heads- Type, Causes, Consequences and Management. Online courses to be completed to support and enhance learning. Geography XI Part-I https://onlinecourses.swayam2.ac.in/nce25_sc13/preview Geography XI Part-II https://onlinecourses.swayam2.ac.in/nce25_sc14/preview
POLITICAL SCIENCE	1.PPT- 5-10 slides on Fundamental Rights and Directive Principles of State Policy.

	Slides should contain the Fundamental Rights and DPSP differences also. 2. Preamble to be written on an A 4 size coloured sheet with a creative border.
HISTORY	Students are required to write a Research Synopsis (Synopsis is to be considered as a detailed summary of the Research work) on any one of the following topics: 1. Rome's transition from Republic to Empire 2. Roman Art and Architecture 3. Slavery in Roman Empire 4. Roman Empire- Life of the People 5. Mesopotamian Civilisation- Life of the People. <u>PAGE WISE DESCRIPTION</u> PAGE 1: Cover Page with the following details: • Name of the institution • HISTORY PROJECT- SESSION 2024-25 • Title of Research Synopsis. • Name of Student • Class and Section • Admission number PAGE 2: Aims & Objective • Aims & Objective inform the reader of the synopsis clearly what the researcher plans to do in his/her work. • Students will mention the areas of study under the chosen topic. • The synopsis must have max 3 aims & objectives. PAGE 3-6: Introduction: • The introduction should describe the historical research questions that you posed in your aims and objectives. • Give a brief summary of the research finds covering all aims and objectives that you set out for. • This should also include a description of the historical context of your topic. • Should contain brief background of the selected topic PAGE 7: Research Methodology / References and Bibliography • Mention the sources of your research. • Students can use Google Scholar for research papers. • Students are required to read at least 4 research papers to find information on the chosen objectives of research PAGE 8: Conclusion • On the basis of the research findings, the student will present a deduction or inference based on those facts. • The conclusion restates the research problem, summarizes your arguments or findings, and discusses the implications. PAGE 9: Bibliography
PSYCHOLOGY	Submission of Holidays Homework has two parts, namely: -

	1. PSYCHO-FOLIO : Students are required to make a hand made folder and add to it: (a) Psy-Fi: Writing a review of a psychologically based film. (<i>One movie-one from Bollywood and one from Hollywood</i>). You may include pictures and beautify it in any way that you like. (b) Psy-Life: Reviewing the life, career, achievements and published works of any one famous psychologist. Also add why you selected this psychologist and what inspires you from this psychologist's life. NOTE: For more details, look up to the document added in Google Classroom.
LEGAL STUDIES	1.The student is required to select any 2 decided cases where in one case is of criminal nature, one is of civil nature, 2. The research on the cases must include the following points: - Name of the case - Parties to the case - Nature of the case (Civil or Criminal) - Facts of the case and issues involved - Decision of the case - Citation of the case It should be made on A 4 size paper, readable font size and legible writing. Neat presentation is expected.
COMPUTER SCIENCE	1. Project work - Create a menu driven program to show any 10 programs done based on user input. or Create a game in Python using learnt concepts and your own skills. 2. Do all assigned practical file questions (Total 8 questions as given in class) Submission details: - Project work submission will be on the GCR by 25th June . Hardcopy of the same (with proper documentation) needs to be submitted by 10th July. - Practical file work submission will be on the GCR by 30th June. Single Python file containing all questions with proper Docstrings needs to be submitted.
INFORMATICS PRACTICES	Practical File - Create a game Rock Paper Scissor using conditional statements in Python. - Create a Number Guessing Game using conditional statements in

	Python. 3. Create a program named Quiz-o- Mania for any four categories eg Science , Literature , Entertainment etc having four questions in each category using nested conditional statements. Submission Details : An assignment will be created in Google Classroom , the softcopy of all python programs need to be uploaded by 25th June.
ARTIFICIAL INTELLIGENCE	1. Practical / Project Work 1. Title: Basic Chatbot for Educational Institute using Dialogflow Description: Develop a simple chatbot using Dialogflow to assist students and parents with school-related queries such as admission details, timings, and holiday schedules 2. Certification: IBM SkillsBuild / Equivalent Industry Certification Link: https://skillsbuild.org/students/course-catalog/artificial-intelligence
PAINTING	Prepare 3 perspective drawing (including First view, 2nd view and 3rd view perspective on A2 Size paper)
SCULPTURE	Prepare a relief sculpture of size 10 inches X10 inches on any topic of your choice. Date of Submission : 5 July 2025
ENTREPRENEURSHIP	Prepare a simple business plan covering: • Business name and logo • Product/service details • Target customers • Marketing plan • Budget/finance overview • Sustainability or social impact (if any) Design a neat and creative project file with visuals, charts, or diagrams.
PHYSICAL EDUCATION	Prepare a Record File Practical 1:- Fitness tests Administration (SAI Khelo India Test) Practical 2:- Anyone IOA recognized sports/Game of choice. Labelled diagram of Field & Equipment. Also mention its Rules, Terminologies & Skill Note :- Both the practicals need to be maintained in the Lab Manual of Physical education. https://pubhtml5.com/maka/sliv/Physical_Education_LAB_MANUAL_XI/

	https://www.scribd.com/document/578830375/Class-11th-Practical-File-ALL-ABOUT-PHYSICAL-EDUCATION Date of Submission :- 10th July 2025
KATHAK	The students are required to complete their Practical file based on the instructions given in the class on the following topic: 1. Topic is history of Indian Classical Dance

Live
Learn
and Prosper



DPS GREATER FARIDABAD

Sector-81, Faridabad-121004 (Haryana) India
(0129) 2555 555 | info@dpsgfaridabad.com
www.dpsgfaridabad.com

Follow us on:      [@dpsgreaterfaridabad](https://www.instagram.com/dpsgreaterfaridabad)
[@dpssurajkund](https://www.instagram.com/dpssurajkund)

DPS SURAJKUND

Charmwood Village, Surajkund,
Sector-39, Faridabad-121009 (Haryana) India
(0129) 2555 650 | info@dpssurajkund.com
www.dpssurajkund.com

