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PALLADIUM SCHOOL, HISAR
SESSION 2024-25
HOLIDAYS HOMEWORK
GRADE 10

SUBJECT	HOMEWORK
ENGLISH	Do the English homework given below on Coloured A4 Sheets and prepare a file/folder of it:- (1)Reading Skills:-(1) With reference to the Learning of the Ch-Nelson Mandela - A Long to Freedom, Read a few Books of India's Freedom Fighters & their struggle for Freedom against the British Colonial Rule. (Books- Sardar Vallabhbhai Patel-India's Iron Man; Life and Times of Chandra Shekhar Azad; Biography of Lala Lajpat Rai; Bose - The Untold Story of Inconvenient Nationalist; The Lokmanya-Bal Gangadhar Tilak, or any other book of your choice). Based on your Reading of the Book, answer the following questions:- A) How do Freedom Fighters Inspire Us? B) What were the Common Traits & Ideology of our Freedom Fighters? C) Draw/paste the pictures of any 2 Freedom Fighters. Write their Role, Contribution, Struggle & Famous Slogans/movements and the Overview of the book. D) Justify the Statement of Mr. Nelson Mandela - "Depths of Oppression, Create Heights of Character" with reference to the Indian Freedom Fighters. [Note- Make a Project File on the above given topic]. Do any One Topic of your choice from the below given options: (2) Writing Skills:- Write any one Poem in a beautiful Handwriting and write its Critical Analysis & the Moral/message of the Poem: 'Dust of Snow' OR 'Fire and Ice'. (3) Report Writing:- Write any one Article or Report from a newspaper and present your views based on your Comprehension, Analysis & Inference of the Article/Report.

HINDI	- हिंदी साहित्य का इतिहास- 'चार युग' आदिकाल, भक्तिकाल, रीतिकाल, और आधुनिक काल में से किसी एक काल के दो कवियों की कविताओं का संग्रह विस्तार पूर्वक चित्रों के माध्यम से करके एक प्रोजेक्ट फाइल तैयार कीजिए। - कक्षा में करवाए गए संपूर्ण कार्य की दोहराई कीजिए।
MATHEMATICS	Do the given worksheet. Roll no. 1 to 5: Make a model on Pythagorean Theorem. Roll no. 6 to 10: Make a model representing angle subtended by an arc at centre is double of angle subtended at any other point. Roll no. 11 to 15: Model to represent Basic Proportionality theorem. Roll no. 16 to 20: Model on application of trigonometry. Roll no. 21 to 25: Geometric Solids: Build models of geometric solids, such as cubes, pyramids, or prisms, using materials like clay, toothpicks, or straws. Calculate the surface area and volume of each solid and compare them.
SCIENCE	- Biology: Write the below practicals in your Science Practical file. (a) binary fission in Amoeba and (b) budding in yeast and Hydra with the help of prepared slides. - Identification of the different parts of an embryo of a dicot seed (Peas, gram or red kidney bean) Physics: Write the practicals given below in your Science Practical file. - Dependence of Potential Difference Across a Resistor on Current with Graph. - To Determine the Equivalent Resistance of Resistors When Connected in Series and in Parallel. - Tracing Path of a Ray of Light Passing Through a Glass Slab - To Find Image Distance for Varying Object Distances of a Convex Lens with Ray Diagrams Chemistry: Write the practicals given below in your Science Practical file. - pH of samples - Properties of acids and bases - Reactivity series experiment

SOCIAL SCIENCE	● All students are required to compile a record of current affairs from April to June. This will be followed by a quiz competition based on the gathered information. ● Additionally, students are tasked with maintaining a record of election results and processes occurring in May and June. 1. Voter registration process 2. Campaigning 3. Setting up polling station 4. Security measures 5. Vote counting 6. Resolution of dispute 7. Roles and responsibility of elected officials ● Furthermore, students must create a project of Economics according to CBSE guidelines. Sample data and a PDF of the sample project will be shared in the class group for assistance. ● Geography Documentary: Create a documentary film exploring the environmental challenges facing a specific region, such as deforestation, pollution, or climate change. Include interviews, footage, and informative narration. ● Civics Policy Proposal: Draft a policy proposal addressing a contemporary issue, such as immigration reform, healthcare access, or education funding. Outline the problem, propose solutions, and justify your recommendations with evidence and research.
IT	Prepare a Practical File for Openoffice .org Writer 1. Explain the styles given in the Styles and Formatting Window for the writer and paste the screenshot of the window also. 2. Create a list of students by inserting a table in Open Office Writer with the following fields. a. Sr no. b. Students name c. Fathers name d. City 3. Design a poster on “Sale in Big Bazaar” by using image and drawing tools. 4. Create a poster for air pollution in Open Office Writer with the following features: a. Font face b. Font size c. Font color d. Header and footer e. Images 5. Create an article on “Digital India” using maximum features of open office – writer software.