

DAV PUBLIC SCHOOL-PARASI, KAKRI PROJECT (NCL), SONEBHADRA, UP**SESSION: 2023-24****SUMMER VACATION ASSIGNMENT****CLASS: X**

S. NO.	SUBJECT	DETAILS OF THE PROJECT	PARTICULARS
1	ENGLISH	Read the following quote by Mahatma Gandhi: "It is the health that is the real wealth, not the pieces of gold and silver." Write an article justifying this quote regarding the mindset of millions of people who focus on possessing more wealth rather than thinking seriously about health. Please include relevant images and data in it too. (Word limit: 250)	Project File containing front side ruled and back side plain pages
2	HINDI	1. पढ़ाए गए पाठों को याद करें। 2. नेताजी सुभाषचंद्र बोस के जीवन चरित्र निम्नलिखित बिन्दुओं पर आधारित एक सचित्र परियोजना कार्य बनाइए :- i-जीवन परिचय ii-शिक्षा दीक्षा iii-उनका स्वतंत्रता संघर्ष और उसके परिणाम iv-प्रेरक मानवीय मूल्य 3. आप एक शिक्षक बनना चाहते हैं। शिक्षक बनने के लिए किसी विद्यालय में विज्ञापित विज्ञापन हेतु स्ववृत्त तैयार कीजिए। 4. अपने जीवन के आदर्श चरित्र के व्यक्तित्व और कृतित्व का सचित्र उल्लेख करते हुए उस पर आधारित एक पोर्टफोलियो बनाइए।	बच्चे अपना ग्रीष्मावकाश का गृहकार्य A4 साइज़ पेपर में फाइल बनाकर करें।
3	SANSKRIT	1:- स्वपाठ्यपुस्तकात् एकतः द्वितीयः पाठः पर्यन्तं (शुचिपर्यावरणं, बुद्धिर्बलवती सदा च) शब्दार्थः, भावार्थः, अभ्यासस्य प्रश्नोत्तरस्य च स्मरणं कुर्वन्तु। 2 :- "बुद्धिर्बलवती सदा" कथायाः भावम् आधृत्य अन्यां कथाम् अन्विष्य सचित्रं निर्माणं कुर्वन्तु। 3:- भारतस्य राष्ट्रीय पशुः, पक्षीः, ध्वजः, पुष्पम्, फलं च नामानि लिखित्वा तेषां सचित्रं वर्णनं कृत्वा उचितैः वर्णैः रञ्जयतु। 4:- संस्कृतव्याकरणस्य अन्तर्गते (संधिः, अव्ययः, प्रत्ययः च) लेखनं, स्मरणं च कुर्वन्तु। 5 :- भवन्तः / भवत्यः ग्रीष्मावकाशे किं- किं कृतम्। स्वविषये संस्कृते पंचदश वाक्यानि लघु अनुच्छेदं लिखन्तु। नोट- सभी बच्चे इस गृहकार्य को प्लास्टिक फ़ाइल में A4 साइज़ के पेज़ पर करें।	बच्चे अपना ग्रीष्मावकाश का गृहकार्य A4 साइज़ पेपर में फाइल बनाकर करें।

4	MATHEMATICS	<p>1. To find the condition for consistency and inconsistency for system of linear equations in two variables by graphical method. For that consider a pair of linear equations (a) $2x - 3y - 6 = 0$, $x - 2y - 5 = 0$ (b) $3x + 2y - 12 = 0$, $3x + 2y - 2 = 0$ (c) $x + y = 7$, $3x + 3y = 21$</p> <p>2. Draw a concept map on Real Numbers on a chart paper explain , Fundamental Theorem of Arithmetic, Rational Numbers, Irrational Numbers , LCM and HCF.</p> <p>3. Solve Pair of linear equations by substitution method and verify your answer by Elimination methods only two questions</p> <p>4. Make a concept note on the topic Quadratic equations</p>	Chart , A-4 size file paper work, Model
5	SCIENCE	<p>PHYSICS</p> <p>1- Prepare the tabular display of all the cases of image formation by concave and convex mirror along with proper neat ray diagrams of the same.</p> <p>2- Prepare the tabular display of all the cases of image formation by convex and concave lens along with neat and clear ray diagram of all the cases.</p> <p>3- Make a systematic chart of all the important formulae and sign convention for mirrors and lens.</p> <p>4- Make a list of atleast ten uses of concave and convex mirrors in our daily life around us.</p> <p>5- Read chapter Light and prepare 20 Questions (10 from reflection & 10 from refraction) which are frequently asked in board examination.</p> <p>CHEMISTRY</p> <p>Q 1. Write and learn all the questions of chapter- 1. Chemical reactions and equations.</p> <p>Q-2. Write at least twenty balanced equations are given in chapter -1.</p> <p>3. Make a write up to highlight the effect of combustion on global warming.</p> <p>BIOLOGY</p> <p>1. Write and draw the diagrams of following activities in HW copies:</p> <ol style="list-style-type: none"> Carbon dioxide gas is necessary for Photosynthesis. Chlorophyll is necessary for Photosynthesis. Sunlight is necessary for photosynthesis. How do stomata get opened during the daytime and closed during the night time? <p>2. Prepare the Clay model for-</p> <ol style="list-style-type: none"> Nutrition in Amoeba (Girls) Human alimentary canal. (Boys) <p>3. Prepare a flow-chart for breakdown of glucose by various pathways. (Boys and Girls) from the topic respiration.</p>	<p>1. Chart paper for assignment 1 and</p> <p>2. File for assignment Bio. HW Copy Chem. HW copy Bio. Full size chart paper, Clay model: A3 size on cardboard (boys & girls)</p>

6	<p style="text-align: center;">SOCIAL SCIENCE</p>	<p>Prepare a project file catering to various topics related to Consumer exploitation, rights and awareness.</p> <p>Objective: To create awareness among the students about one's rights and duties as a consumer. The project also aims at familiarising them about the legal measures available to protect from being exploited in market.</p> <p>General Instructions:</p> <ol style="list-style-type: none"> 1) The project should be handmade. 2) It should be well presented and pictorial. 3) The project file should include: <ul style="list-style-type: none"> <input type="checkbox"/> Who is a consumer? <input type="checkbox"/> Duties of consumer. <input type="checkbox"/> How consumers are exploited? <input type="checkbox"/> Factors causing exploitation of consumers. <input type="checkbox"/> Consumer movements <input type="checkbox"/> Need of consumer movement <input type="checkbox"/> Consumer movement in India. (JAGO GRAHAK JAGO) <input type="checkbox"/> Consumer Protection Act (COPRA) 1986. <input type="checkbox"/> Important days. <input type="checkbox"/> Right to be heard. <input type="checkbox"/> Right to information. <input type="checkbox"/> Right to choose. <input type="checkbox"/> Right to safety. <input type="checkbox"/> Right to seek redressal. <input type="checkbox"/> Right to consumer education. <input type="checkbox"/> Where should consumer go to get justice <input type="checkbox"/> Important logos and other certification. 	<ul style="list-style-type: none"> ● USE A-4 size file paper (one side ruled) ● Use blue or black ink to write your project. ● Design the cover page in such a way that it reflects your topic. ● Write the Topic of the project, Name, Class, and Sec, and Roll no. on the cover page in bold letters. ● Use the bottom space for your Name, Class, and sec, Roll no. ● The project work should not be less than 15 pages (including the cover page) ● Be ready for Viva or written assignments based on your project. ● Utilise summer vacation. <p>Lastly, do not use plastic covers.</p>
7	<p style="text-align: center;">INFORMATION TECHNOLOGY</p>	<p>Create a portfolio of yourself and describe your learning on the following topics:</p> <ul style="list-style-type: none"> ● Impact of Artificial Intelligence on daily life. ● Role of Information Technology in pandemic (e.g., Covid-19) 	<ul style="list-style-type: none"> ● USE A-4 size file paper ● Design the cover page in such a way that it reflects your topic. ● Write the Topic of the project, Name, Class, and Sec, and Roll no. on the cover page in bold letters. <p>Do not use plastic covers.</p>

Note: Last day of submission is 27/06/2023.