

DAV PUBLIC SCHOOL, SECL, BISHRAMPUR
SUMMER VACATION HOME WORK (2024-25)
CLASS-IX

SUBJECT	HOME WORK
1.ENGLISH	<p>ART INTEGRATED PROJECT (Hard Copy to be submitted) Prepare a Project file on Kerala consisting of the following points: a. General Introduction b. History of the state c. Literacy rate d. Agriculture e. Scientific achievement f. Employment g. Population & Sex Ratio h. Art & Culture i. Famous personalities</p> <p>(i) The cover of Project file must comprise of- a. School's name: b. CBSE Art integrated project c. Name of student: d. Class /Section: e. Session: 2024-25</p> <p>(ii) The first page of the Project file - Index, (iii) The Second page- Acknowledgement, (iv) The Third page –Certificate, followed by the main content pages of the Project (v) Bibliography</p> <p>2. Write a page about your daily activities of 15 days during Summer Vacation in Grammar Copy.</p>
2.HINDI	<p>[A] अनुच्छेद लेखन 150 शब्दों में [i] समय अमूल्य धन है [ii] वृक्षारोपण- एक आवश्यकता</p> <p>[B] पत्र लेखन वाद विवाद प्रतियोगिता में प्रथम आने पर अपने मित्र को एक बधाई पत्र लिखिए।</p> <p>[C] संवाद लेखन पानी की बर्बादी रोकने के लिए मालिक और नौकर के मध्य हुई बातचीत को संवाद के रूप में लिखिए।</p> <p>[D] सूचना लेखन विद्यालय में हिंदी दिवस के आयोजन संबंधी सूचना लिखिए।</p>
3. SANSKRIT	फाइल में मणिका 1 से कोई भी दस श्लोक व अन्वय भावार्थ लिखिए।
4.MATHS	<p>1.Represent the following on number line a) $\sqrt{5.7}$ b) $\sqrt{3}$ c) $\sqrt{2} + 1$ d) $-\sqrt{3} + 1$</p> <p>2. If $a = 3 - \sqrt{7}$ and $b = \frac{1}{a}$, find $a^2 - b^2$</p> <p>3. Do all the examples of the chapters taught in the class.</p>
5.PHYSICS	<p>1. Do learn and revise the chapter – motion</p> <p>2. Do the numerical based on the topic – distance, displacement, speed and velocity in your notes copy. (From NCERT)</p>
6.CHEMISTRY	<p>1) Syllabus for revision test :- Revise syllabus covered till date:-chapter1 Matter in our surroundings thoroughly.</p> <p>2) Notebook completion:- Complete your notebook of syllabus covered till date and write the answers of following questions in</p>

	<p>your Notebook.</p> <p>Question 1. Which of the following are matter? Chair, air, love, smell, hate, almonds, thought, cold, cold-drink, smell of perfume.</p> <p>Question 2. Give reasons for the following observation: The smell of hot sizzling food reaches you several meters away, but to get the smell from cold food you have to go close.</p> <p>Question 3. A diver is able to cut through water in a swimming pool. Which property of matter does this observation show?</p> <p>Question 4. What are the characteristics of the particles of matter? Also solve the NCERT exemplar questions(MCQs, Case Based and Assertion Reason) from the syllabus covered till date.</p> <p>Activity</p> <p>a) To study diffusion in our day- to- day life. b) To study the effect of temperature on the rate of diffusion.</p> <p>* You have to explore, observe, discover and perform activities related to diffusion. Then categorize your observations into the following: - Solid in liquid diffusion, Liquid in liquid diffusion, Gas in liquid diffusion, Solid in gas diffusion, Gas in gas diffusion.</p> <p>* Also study the effect of temperature on the rate of diffusion while performing the activities.</p> <p>*After observing and performing the activities, write down your observations in a scrapbook and also paste pictures while performing the activities.</p> <p>* Your work will be assessed on the basis of handwriting, presentation, neatness, indexing, and completion of activity and so on. "Creativity and innovative ideas are Welcomed"</p>
7.BIOLOGY	<p>1. Write 30 objective questions from Ch-1 'The fundamental unit of Life'. 2. Make a model of Plant and animal cell.</p>
8.SOCIAL SCIENCE	<p><u>HISTORY:</u></p> <p>1) Define Subsistence Crisis 2) Write short notes about the following : Livre, Manor, Clergy, Tithe, Taille 3) Write about the importance of the following dates in the history of France: 5th May, 20th June, 14th July, 4th August</p> <p><u>GEOGRAPHY:</u></p> <p>Locate the following on the outline map of India</p> <p>1) Smallest state . 2) Largest state. 3) Latitudinal and Longitudinal degree of India. 4) Tropic of Cancer. 5) Our neighbouring countries.</p> <p><u>ECONOMICS:</u></p> <p>Answer question 1 and question 2 in notebook.</p> <p>1. Enlist various facilities available in Palampur 2. Enlist the main activities (occupation) of people</p> <p><u>PROJECT:</u></p> <p>Compile all the given topics in a well organised file by using photos / charts / diagrams appropriately.</p> <p>Topics: a)Introduction to Palampur b) Economic activities c) Factors of production d) Challenges in agriculture</p>