



DAV SR. SEC. PUBLIC SCHOOL, ANPARA, SONBHADRA

SUMMER VACATION ASSIGNMENT

Session-2026-27

CLASS: XI-A

CLASS TEACHER: S.,K. SHUKLA & SHUBHRA KUMARI

S.No	SUBJECTS	Assignment	Learning Objective	Learning Outcome
1	ENGLISH	Design a poster on “Say no to plastic” on A4 size sheet. Read the chapter “The portrait of a lady”, Do the following activity in a project file: Summary, character sketch and important themes, personal response. 5 important questions on ruled paper	To enhance formal writing and visual communication skills To encourage literary appreciation and analytical thinking	1. Students will learn concise expression and creative presentation 2. Students will develop interpretation and critical analysis skill.
2	PHYSICS	To learn and write dimensional formulae of different physical quantities in cw copy NCERT appendix – A9 Table Page-155-159	Students will learn to calculate dimensional formulae of different physical quantities	Students will be able to recall and write formulas of different physical quantities.
3	CHEMISTRY	1) Write symbols of elements from atomic number 1-30 2) Write formula for 30 common compounds which are frequently used in reactions. 3) NCERT Questions – 1.3, 1.4, 1.5, 1.6, 1.11, 1.12	Recall the symbols of common elements Remembering the formulas of compounds To develop calculation skills	Students will write correctly the symbols of elements write correct formula of compounds ,solve numerical problems on mole concept & stoichiometry
4	MATHEMATICS	Perform and write the following activities in practical file 1) To find the number of subsets of a given set and verify that if a set has n elements, then the total number of subsets is 2^n 2) To verify that for two sets A & B . $n_{A \times B} = pq$ &	Students will be able to - 1. Understand the concept of subsets of a set 2. Verify the formula for the number of subsets experimentally 3. Understand the cartesian product of sets	After completing the activity student will be able to - 1. Define subset, power sets correctly. 2. Determine the number of subsets of finite set.

		total number of relations from a to b is 2^{pq} where $n(A)=p$ and $n(B)=q$	4. Represent relations visually using mapping diagram	3. Calculate the number of ordered pairs in cartesian product of two sets.
5	BIOLOGY	1) To make flash cards for at least two Phyla of animal kingdom on A4 size sheet mentioning their diagrams and features 2) Solve at least 25 MCQ and one line questions related to biological classification	Students will be able to identify and explain different Phyla in detail.	Students identify illustrate and explain the different concepts of biological classification with much clarity and confidence
6	COMPUTER SCIENCE	Draw the block diagram of computer system. briefly write about the functionality of each component in your class work copy . Also write commonly used shortcut keys and full forms.	Students will be able to Understand the concept of computer system and about shortcut keys and full forms.	Students are now well known about the computer system and its functions and different full forms and shortcut keys.
7	MUSIC	Write the definition of alankar, naad, shruti, swar, saptak, thaat, jaati, laya, matra, taal, raag lakshan geet, swar malika, dhrupad, khayal, tarana with example.	Students will be able to express these terms with example and can understand these terms properly which are most important to know	After writing and learning these terms the student can express with examples
8.	FINE ARTS (PAINTING)	Topic- Folk Art of UP and MP <ul style="list-style-type: none"> • Study any one folk art of UP and one folk art of MP. • Write short information about <ol style="list-style-type: none"> 1- Origin 2- Cultural importance Draw and paint (one painting of UP and one painting of MP)	<ul style="list-style-type: none"> • Identify different folk arts style of UP and MP 	Students will be able to explain the characteristics of folk art of UP. and MP.
9.	PHYSICAL EDUCATION	Record file Practical 1- Fitness test Administration (SAI KHELO INDIA test) 2- Procedure for aasanas, benefits and contraindications for any two aasanas for each lifestyle disease 3- Anyone IOA recognized sport /game of choice, labelled diagram of field and equipment.	<ul style="list-style-type: none"> • to make students understand and conduct SAI KHELO INDIA fitness test. • to make students understand about the main lifestyle disease like obesity, hypertension, diabetes, back pain and asthma. 	<ul style="list-style-type: none"> • Students will be able to perform SAI KHELO INDIA fitness test in school. • Student will be able to recognise importance of various asan for primitive measures of lifestyle disease