



DAV SR. SEC. PUBLIC SCHOOL, ANPARA, SONBHADRA
SUMMER VACATION ASSIGNMENT
Session-2026-27

CLASS: XII A SCIENCE

CLASS TEACHER: WASEEM AKHTAR KHAN

S.No.	SUBJECTS	Assignment	Learning Objective	Learning Outcome
1	ENGLISH	<i>“The impact of social media on the language and communication skills of teenagers.” (in project file A4 size ruled paper)</i>	<i>To develop research & analytical skill, enhance vocabulary and writing ability. Strengthen report writing & presentation skill.</i>	<i>Students will be able to analyze positive & negative effects of social media on communication. Build confidence in public speaking. Use formal language.</i>
2	PHYSICS	<i>To complete the activity file. (6 activities) & project file along-with project assigned in AISSCE-2026-27. *Activities will be completed in practical classmate copy of 100 pages. * Projects to be done in project (stick file) with biology sheets.</i>	<i>Students will learn different activities & projects which will enhance their thinking, reasoning & analytical skill.</i>	<i>Students will come up with more improved concepts & thoughtful process.</i>

3	CHEMISTRY	<p>1 write the equations for the name reactions from chapter 6 and 7.</p> <p>2 intext 6.2, exercise 6.12</p> <p>Investigatory project for aissce-2027.</p>	<p>To correlate the structures of haloalkanes and haloarenes with various types of reactions; ·</p> <p>To understand the underlying reasons.</p> <p>To understand the concept involved in the project.</p>	<p>Students will be able to convert organic compounds from one functional group to others.</p> <p>Students will be able to analyse the reasons Behind these reactions.</p> <p>Students will be able to understand the involved concept.</p>
4	MATHEMATICS	<p>Complete the following activities in maths activity file.</p> <p>1. To verify that rel. R in set L of all lines in plane defined as $\{(l_1, l_2) : l_1+l_2 \text{ and } l_1, l_2 \in L\}$ is symm. But neither reflexive nor transitive.</p> <p>2. To demonstrate a fun which is not one but onto.</p> <p>3. To demonstrate a function which is neither one-one nor onto.</p>	<p>Students will be able to identify and diff. between reflexive, symm. and transitive.</p> <p>Students will be able to understand the concepts of one-one and onto functions.</p>	<p>After copletion of the activity students will be able to – define reflexive, symm. & transitive.</p> <p>Verify whether a function is injective or surjective.</p>
5	BIOLOGY	<p>To complete the activity file along-with investigatory project as assigned in AISSCE-2026-27.</p> <p>Investigatory project should be completed in transparent project file and activities should be written in practical record file.</p>	<p>Students will learn different activities and concepts which will enhance their knowledge, creativity and critical thinking.</p>	<p>Students become well acquainted with the activities and explain the concepts with clarity and confidence.</p>

6	COMPUTER SCIENCE (CS)	<p>Prepare report file which contains 15 python programs. It may include the chapters- File Handling and Stock using list.</p>	<p>By the end of this chapter, students will be able to:</p> <ol style="list-style-type: none"> 1. Understand the concept of File-Handling in python. 2. Diff. between text files and binary files. 	<p>After the completion of the chapter and report file , students will be able to explain the role of File-Handling.</p>
7	PHYSICAL EDUCATION	<ol style="list-style-type: none"> 1. Fitness tests administration SAI KHELO INDIA TEST. 2. Procedure for Asanas benefits and contraindication for any two Asanas each life style diseases. 3. Any one IOA recognised sport/game of choice. Labeled diagram of the field equipment. Also, mention its rules, terminologies and skills. 	<p>To make students understand and conduct SAI Khelo India fitness test.</p> <p>To make students understand about the main lifestyle, diabetes, hypertension, obesity, back-pain etc...</p>	<p>Students will be able to conduct and participate in SAI Khelo India Test in school.</p> <p>Students will be able to recognise importance of various Asanas for preventive measures of lifestyle diseases.</p>
8	PAINTING	<p>Topic: -Folk art of Rajasthan and Kolkata.</p> <ul style="list-style-type: none"> -Study anyone folk art of Rajasthan and Kolkata. -Write short information about. (I)origin (II)cultural information. -Draw or paint. <p>. One painting Rajasthan and one painting Kolkata.</p>	<ul style="list-style-type: none"> • Identify different folk-art styles of Rajasthan and Kolkata. 	<p>Explain the characteristic of folk art of Rajasthan and Kolkata.</p>

9	MUSIC	Write Raag Bageshwari, Raag Malkauns and Raag Bhairav with Aaroh ,avaroh, pakad swar, Aalap, Chhota khyal with Taans.	<ul style="list-style-type: none">• To develop understanding about the ragas and their singing a pattern.	Students can do better in theory and practical examinations.
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