



DAV POLICE PUBLIC SCHOOL, PANCHKULA



SUMMER HOLIDAYS HOMEWORK 2024-2025

CLASS – XI SCIENCE

Dear Students,

Please note the following points:

1. Ensure that Practical files/Projects as per CBSE norms should be completed as assigned subject wise.
2. Regular revision and practice of Theory/Numericals should be a part of daily schedule.
3. Use the items which are easily available at home (wherever required).

Below is the summer holidays homework for the session 2024-25 subject wise. The completed work must be submitted on the following dates:

SUBJECT	SUBMISSION DATE
MATHS/BIOLOGY	2.7.2023
P.E/FINE ARTS/IP	3.7.2023
PHYSICS	4.7.2023
CHEMISTRY	5.7.2023
ENGLISH	6.7.2023

ENGLISH

I: READING TASK:

Read English newspaper daily and listen to English news, programmes and interesting talk shows.

II: MEMORISATION TASK:

a. Memorise, practice and revise all the content completed till May 2024 month thoroughly along with the preparation of upcoming Unit Test- II:

- The portrait of a lady
- We're not afraid to die
- A photograph
- The laburnum top
- The summer of beautiful white horse

b. UNSEEN PASSAGE (TYPE I)

c. Poster , Advertisement and Speech writing

III: WRITING TASK:

a. Download **English worksheets PDF**, solve/do and paste it in the English fair Register.

b. Practice, solve and Complete all the exercises of the chapters, writing skills and reading skills that is done in the class till May 2024 in the space provided in BBC Compacta.

c. Holidays are the best time to know and learn more . So make a file of classified advertisement From any English newspaper from 10 June to 25 June

A) The content of Project file :

Project file should include

- Cover page, with the title of the project, school details and details of the student
- Certificate of Completion under the guidance of the teacher
- Objectives of the topic
- Essay/report should be written in 800-1000 words.

- Student reflections (the new learning experience/outcome achieved after completing the project)
- List of Resources/Bibliography (Last page of the project file)

B) Instructions :

- Chose different types of advertisement
- Do a thorough research on the topic assigned.
- Prepare a speech in about 800-1000 words describing the topic/issue/ giving your own opinion/ suggestions/measures/ viewpoints/its impact on people/your learning experience.
- The project should be neat, legible, with an emphasis on quality of content, accuracy of information, creative expression, proper sequencing and relevance as per the assigned topic.
- Use coloured practical sheets.
- Plagiarism is strictly prohibited.

IV: ART INTEGRATION:

Make a poster on a chart paper on the topic – “How agriculture shapes our lives: Exploring Haryana ‘s rich Heritage Through Art”

- Use your own idea to draw .

PHYSICS

I: MEMORISATION WORK:

- Write and Learn NCERT EXEMPLER Q/Ans of Chapters:
 - Units and Dimensions
 - Motion in a Straight Line
 - Motion in a plane
 - Laws of Motion
- Do solve PYQ’s Numericals of discussed chapters in Physics notebook.

II: ART INTEGRATION PROJECT WORK:

- Make a PPT on Haryana and Manipur Sci-fi Museums(Roll No’s – 5-8)

III: WORKSHEETS:

- Do worksheets of Ch-1,2,3 &4 in Physics notebook.
Note: PDF of worksheets will be shared in class groups along with the holidays work.

IV: WORKING MODELS:

ROLL NO.	MODEL NAME
1	SMART SPEED BRAKER
2	ARDUINO CAR BARRIER TOLL GATE
3	HYDROLIC BRAKES/LIFT
4	ARDUINO SOLAR TRACKER

CHEMISTRY

I: LEARNING WORK:

- Learn and write the NCERT Question Answers of Chapters-
 - Some Basic concepts of Chemistry.
 - Structure of Atom
 - Classification of Elements
- Do solve PYQ's (2019-2023) Numericals of discussed chapters in Chemistry notebook.

II: ART INTEGRATION PROJECT WORK:

- Make a brochure showing minerals and ores in Haryana and Manipur (Rollno's- 1-4)

III: WORKSHEETS:

PDF of worksheets will be shared in class groups along with the holidays work. Do solve in Chemistry notebook.

IV: WORKING MODELS:

ROLL NO.	MODEL NAME
5	ELECTROPLATING MACHINE WORKING MODEL
6	HYDROELECTRICITY WORKING MODEL
7	ATOMIC SPECTRA MODEL
8	ORBITAL SHAPES MODEL

MATHEMATICS

I: PRACTICE WORK

Do the attached worksheet of chapter 1, 2, 3 and 4 in maths notebook

II: Project Work

Roll No (1-5): Make Mathematics dictionary on mathematical terms, symbols and facts.

Roll No (6-8): Prepare a model on Trigonometry.

III: Lab. Manual:

Do complete activities of Chapter 1, 3, 4 and 5

PHYSICAL EDUCATION

I: PROJECT WORK:

Make model of Football & Volleyball Ground

II: LEARNING WORK:

Learn and prepare the following chapters –

A. Chapter 1 Changing trends & carrier in physical education.

B. Chapter 2 Olympic value education

C. Chapter 3 Yoga

III: WORKSHEET:

Do solve worksheets in notebook. PDF of worksheets will be shared in groups.

MUSIC

I: LEARNING TOPICS :

- Jati
- Laya & Tala
- Saptak
- Swar
- Nada
- Shruti
- Prepare Raga Bihag Practically With Alap, Tana & Notation
- Margi - Desi Raga
- Khyaal

II: PRACTICAL WORK:

Complete Practical File

III: PROJECT WORK:

Make any Model of Music Instrument (Size not less than 2ft)

IV: WORKSHEETS:

PDF of worksheets will be shared in class groups. Do solve in Music notebook.

FINE ARTS

I: ART INTEGRATION WORK – Students will draw and colour two still life on POTTERY of Manipur and Haryana . Students have to design their pottery and use different motifs, floral, and geometrical patterns on the drawing on A3 size cartridge sheet and colour it with any medium.

II: PORTFOLIO PROJECT WORK – Prepare front page of portfolio aesthetically.

III: WORKSHEETS- PDF of painting theory will be shared in class group. Do solve in notebook.

CLASS TEACHER: MR. VIKAS BHARDWAJ