



DAV POLICE PUBLIC SCHOOL, PANCHKULA



SUMMER HOLIDAYS HOMEWORK 2023-24 OF CLASS – XI SCIENCE

SUMMER HOLIDAYS

'Let all your worries and stress go away this summer and enjoy every minute of it.'

Dear children,

With summer heat on, it's time for much awaited summer vacation. It is time for you to unwind, relax and find time to do things you enjoy the most. You can utilize the leisure time to enhance your existing skills or learning new ones and develop new and interesting hobbies as well. It is also an excellent opportunity to become friends with books.

You are full of potential and promise to gear up and spread your imagination and use these holidays to further enhance your skills and personality.

The holidays work has been planned to help you to not only revise the concepts already learnt but also to explore and stretch your knowledge.

Here are some tips for summer break.

1. Follow a routine. Avoid sleeping at irregular times.
2. Enjoy summer fruits, nutritious food and drink lots of water.
3. Stay safe indoors.
4. Observe things around the environment.
5. Help your parents with household chores.

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 chapters 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 2022-23 subject wise. The completed work must be submitted on the following dates:

SUBJECT	SUBMISSION DATE
ENGLISH	3.7.2023
MATHS/BIOLOGY	4.7.2023
PHYSICAL EDUCATION/FINE ARTS/MUSIC/IP	5.7.2023
PHYSICS	6.7.2023
CHEMISTRY	7.7.2023

ENGLISH

- **LEARNING WORK –**
Memorise chapter –We’re not afraid to die...if we can be together and Poem – The Laburnum Top
Practice Speech Writing for the upcoming Unit Test- II.
- Draft a **Debate speech** on A4 sheets to be presented in the class after summer holidays on the motion:
‘Lockdowns and Social Distancing Are the Only Effective Means of Checking Viral Pandemics like COVID-19’. (Refer to BBC Compacta Writing Module-II-page no.221)
- Make a A3 size Chart of **POETIC/LITERARY DEVICES** used in Literature with examples.
- Make a Scrap File by cutting and pasting **Classified Advertisements** from English Newspaper from **11 June 2023 to 30 June 2023**.
- **ART INTEGRATION:** Make a **Poster** for **Literary Fest** in Manipur (speakers and special events must include local authors and poets)

PHYSICS

ACADEMIC PROJECT/WORKING MODEL:

- Hologram Box
- Microwave
- Wind Mill
- Dam working model
- Geostationary satellite model
- Nuclear Power Plant Model
- Modern City Project
- Space station Model
- DAVPPS model
- Mini Robot

LEARNING WORK

- Learn and Revise Chapter-2,3,4,5.
- Practice NCERT Questions and Previous year Questions of Chapter-2,3,4,5. in class notebook.

WORKSHEETS:

- Do worksheets of Chapter-2,3,4,5. in your class notebook.
NOTE: Pdf of worksheets will be provided in class group.

FINE ARTS

Size half imperial

- 4 composition watercolor
- 4 object study with pencil colour, pencil shading and watercolor
- 2 nature study with any medium

CHEMISTRY

ACADEMIC PROJECTS-MODELS:

- Structure of Atom - Roll No.: 1-2
- Periodic table – Roll No. : 3-4
- Renewable energy - Roll No.- 5-6
- Future city– Roll No. – 7-8
- Golden rain Roll No. 9

LEARNING WORK

- Learn and revise chapter-1,2
- Learn NCERT Questions and solve Previous year Questions of chapter-1,2 in class notebook.

WORKSHEETS:

- Do worksheets of chapter-1,2 in your class notebook.

NOTE: Pdf of worksheets will be provided in class group.

BIOLOGY

ACADEMIC PROJECT

- Prepare Model
 - 1) Structure of virus (3D Model)
 - 2) Neuron cell (3D Model)
 - 3) Plant Cell (3D Model)

ART INTEGRATION PROJECT

- Make sketches of the five plants from the flora of the Manipur and Haryana. Also write biological classification of each plant.

LEARNING WORK

- Learn and revise chapter-3, Plant Kingdom and chapter -3 Animal Kingdom for Unit Test-2.

WORKSHEETS:

- Do worksheets of chapter-3, chapter-4 in your class notebook .

NOTE: Pdf of worksheets will be provided in class group.

MATHEMATICS

1. Do complete the notes of given chapters: Chapters 1. Sets. 2 Relation and Functions, 5. Complex Numbers, 6. Linear Inequalities.

2. Do complete the same topic activities in mathematics Lab. Manual.

NOTE: Pdf of worksheets will be provided in class group.

PYSICAL EDUCATION

CHART WORK

- To make a chart of some asana Halasana, paschimottanasana, Dhanurasana, Tadasana, pavanmuktasana, bhujangasana, Vajrasana.

ART INTEGRATED PROJECT:

- Prepare a collage showing Olympic and Paralympic participants of Haryana v Manipur.

LEARNING WORK:

- Learn and revise Unit 2 L-2 Olympism L-3 Yoga L-4 Physical education and sports for cwsn.

WORKSHEETS:

Do worksheet 1 and 2 in your class notebook

INFORMATION PRACTICE

- Make a presentation explaining the following trends “big data” and “Computing (cloud and grid)”.
- Practice daily at least two syntax of python. Write them and paste their output also.
- Make a poster (digitally) on any one festival of Haryana and Manipur (write school name on top of poster) and make its link for it to post on school website and take its print out.

MUSIC

1. learn the definition of Naad, Shruti, Swar, Saptak
2. Make a Chart with Full Discription of Raag Bihaag with notation of bandish with sthaai antra
3. Make A PPT the famous Vocalists of indian classical music..
4. Make a PPT on famous Instruments players of Indian classical music
5. Make a chart of Taali khaali of Teen taal with full Discription And ekgun dogun Chaugun..
6. learn Deshi Margi Sangeet
7. Write in your note book about the historical development of Dhruvad.

HAPPY HOLIDAYS