

12th science holidays home work

ENGLISH

Q1. Prepare notes on the following chapters with the correct format ,indentation and use of abbreviations. Also write a summary based on the notes in 80 words:-

- Indigo
- Going Places

2. Prepare beautiful and attractive posters on the following topics:

- Importance of Reading
- Creating awareness on earthquake
- Communal Harmony
- Benefits of Regular Exercise

3. Write a review of any one of the following books in not more than 200 words:

- Things fall apart by Chinua Achebe.
- India since 1947 by Atul Kumar Thakur.

4. Watch any one of the following movies and write its review in not more than 200 words:

- **Dead Poets Society**
- **The Pursuit of Happiness.**

5. Revise all the prose & poetries done in the class very thoroughly.

MATHS

Revise chapter 2 chapter 3 chapter 4 , chapter 5 and chapter 6

Make at least 5 test papers from th above chapters and Evaluate it

Do the Assignment in the seprate Register

Do all the Exercises in the Register

Do all MCQ in the seprate register

PHYSICS

1. Revise chapter 1 to chapter 4.

2. Do the assignment in separate register.

3. Finalise your topic for the project, and discuss it with me.

CHEMISTRY

CLASS: XII

CHEMISTRY HOLIDAY HOMEWORK

1. Read NCERT Chapter- 1,2,3,4,5,13 and 15 thoroughly.
2. Learn and Revise notes.
3. Make flowcharts of the above given chapters.
4. Make short notes of the above given chapters.
5. Learn all the formulae and topics with examples.
6. Do practice numericals of Ch- 2,3,4 which have been sent to you in your notebook.
7. Do the needful assignments been provided to you in your notebook.
8. Do all the intext as well as back exercise NCERT question answers which already have been sent to you in your notebook.

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BIOLOGY

Revise chp 1,2 ,3and4 .

Do all the back exercise question ans and complete all the assignments .

Prepare a topic for project work.

COMPUTER SCIENCE

Python Programming

- Recursively find the factorial of a natural number.
- Write a recursive code to find the sum of all elements of a list.
- Write a recursive code to compute the nth Fibonacci number.
- Read a text file line by line and display each word separated by a #.
- Read a text file and display the number of vowels/ consonants/
uppercase/ lowercase characters in the file.
- Create a binary file with name and roll number. Search for a given roll
number and display the name, if not found display appropriate
message.
- Create a binary file with roll number, name and marks. Input a roll
number and update the marks.
- Remove all the lines that contain the character `a' in a file and write it
to another file.

- Write a random number generator that generates random numbers

between 1 and 6 (simulates a dice).

- Write a Python program to implement a stack and queue using a list

data-structure.

- Take a sample of ten phishing e-mails (or any text file) and find most

commonly occurring word(s)

These all programs you all will do on the pydroid app and take the printout of all the programs and put in a separate files. and submit me on the opening of school and if any query or problem you will face while doing the programs anyone can ask in the whatsapp group for the prob