



Delhi Public School JHANSI

Bhawna Nain
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HOLIDAY HOMEWORK

Class-XII (Science)

Dear Parents,
Greetings

Summer Vacation for the students will be from 9th May to 30th June. To keep students connected with the studies during this period Holiday homework has been planned. Kindly make sure the completion of the same.



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ENGLISH:

Write down the following essays in about 350-400 words in your grammar notebook.

- 1.Importance of family.
- 2.Life after - Pandemic Break out.
- 3.A Scene in the Examination hall.
- 4.India is a land of Diversity.
- 5.Where there is a will there's a way.

Physics

Learn definitions and derivations of electrostatic.
Do numericals from NCERT.Complete activity & practical file for first term .
Prepare one project .



Chemistry

Chemistry holiday homework.

Complete the full notes of solution and electrochemistry chapter in fair note copy.

Do all question answer exercises including numericals of both chapters in separate notebooks.

All notes and assignments are provided by the school in the previous year Google classroom (in case you need help). Students can also ask for these notes on WhatsApp by sending request on chemistry's teacher WhatsApp (8874723076)

Biology

Student will complete this work in practical file-

1. Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc.
2. Prepare a temporary mount to observe pollen germination.
- 3- Flowers adapted to pollination by different agencies (wind, insects, birds).
- 4- Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshoppers/mice).



5- Meiosis in onion bud cell or grasshopper testis through permanent slides.

6- T.S. of blastula through permanent slides (Mammalian).

7- Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and color blindness.

Make a investigatory project on DNA extraction from Banana.

COMPUTER

Make 5 programs of Series and Dataframes each in python.

Physical Education

1- Chapter 2: Do Question Answer of Sports & Nutrition

2- Make a practical file on sports events & chapter 2 topics with diagrams .