



P.N NATIONAL PUBLIC SCHOOL
JUNGLE DHUSHAN, PIPRAICH ROAD, GORAKHPUR-273001
SUMMER VACATION ASSIGNMENT (2026-2027)
CLASS-XII MATHS / BIO

PHYSICS

1- Solve Given DPP questions.

CHEMISTRY

1- Solve given DPP questions.

MATHS

1- Solve given DPP questions.

BIOLOGY

1. Draw and label the structure of a mature embryo sac.
2. Explain the process of double fertilization in flowering plants.
3. Differentiate between self-pollination and cross-pollination.
4. Draw a neat labelled diagram of human male reproductive system.
5. Explain the menstrual cycle briefly.
6. Write the functions of placenta during pregnancy.
7. Differentiate between spermatogenesis and oogenesis.
8. Explain various methods of contraception.
9. What is IVF? Explain its importance in reproductive health.
- 10 Prepare an awareness poster on “Small Family – Happy Family”.

ARTIFICIAL INTELLIGENCE

- 1- How many type of censor are there AI automation.
- 2- Explain four types Motors

FINE ART

- 1- Object drawing (still life) pencil shading.
 - 2- Nature scene with pencil colour.
 - 3- Memory drawing (Composition) Tea Stall.
- ❖ All art work is done on Cartilage or handmade paper.
 - ❖ Paper Size A2 (Half imperial), 22x14 inches.

ENGLISH

Read all the chapters thoroughly from the English textbook.

- The Last Lesson
- Lost Spring
- Deep Water
- The Rattrap
- Indigo
- Poets and Pancakes
- The Interview
- Going Places

3. Write the central idea and poetic devices of the following poems:

- My Mother at Sixty-Six

- Keeping Quiet
- A Thing of Beauty
- Aunt Jennifer's Tigers

Section B: Project Work

1. Prepare a project file from the book Vistas on any one chapter:

- The Third Level
- The Tiger King
- Journey to the End of the Earth
- The Enemy
- On the Face of It
- Memories of Childhood

2. The project file should include the summary, character sketch, themes, important questions and answers, vocabulary, and relevant pictures/charts related to the chapter.

Note:

- Holiday homework must be neat and handwritten.
- Submit the work on the reopening day of the school.