



N. K. PUBLIC SHOOOL

ARYA NAGAR, MURLIPURA

Summer Holiday Homework



CLASS-XI (SCIENCE)

Dear Parents,

Summer holidays are not merely a pause from academic schedules; they are a valuable time for reflection, growth, and meaningful experiences. For our senior students, this period is an opportunity to **discover new interests, develop life skills, and strengthen family bonds.**

At N. K. Public School, we encourage our students to make this vacation **purposeful and screen-free as much as possible.** Instead of spending long hours on mobile phones or gadgets, let this summer be about **learning something new** – a skill, a hobby, a sport, reading books, or engaging in activities that enrich the mind and character.

Dear parents, your role during this time is invaluable. Teenagers may be growing up, but they still deeply need **your time, guidance, and warmth.** Spend meaningful time with them. Talk about their dreams, their concerns, and their ideas. Sometimes a **simple hug, a patient conversation, or a shared laugh** can make them feel secure and understood.



We encourage families to nurture a few simple yet powerful habits this summer:

- **Read and discuss a book together.**
- **Share at least one meal every day as a family, free from screens.**
- **Encourage learning beyond textbooks – from life, people, and experiences.**
- **Support your child in developing a new skill** that builds confidence and independence.

The holiday homework assigned is thoughtfully designed to be **creative, reflective, and skill-oriented**, helping students learn from real-life experiences rather than routine assignments.

Let us work together to make this summer a time where our children grow **not only academically, but also emotionally, socially, and personally.**

Wishing all our students and families a **productive, peaceful, and memorable summer vacation.**

Warm regards,
Principal



SUMMER HOLIDAY HOME WORK:2026-27

CLASS : XI-SCIENCE

Hindi -

- निबन्ध लेखन:- निम्नलिखित निबन्धों में से कोई चार करें—
 - (i) समाचार पत्रों का महत्त्व
 - (ii) वरिष्ठ नागरिकों की समस्याएँ
 - (iii) खुला शौच—मुक्त गाँव
 - (iv) डिजिटल इंडिया
 - (v) लोकतंत्र में मीडिया का उत्तरदायित्व

English-

- Make a file of the life span, struggle and achievements of Indian poetess. (Kamla Das)

Chemistry-

- Solve worksheet of L-1 and L-2

Mathematics-

- Basic fundamental Identities of trigonometric
- All algebraic identities
- All operations of set theory.

Biology-

- Biology practical project work. (Ranthambore National Park)
- NCERT Questions Chapter No. 15 and 16 (Respiration and blood circulatory system)
- Any one Biology working Model-
 - ❖ Blood Circulatory System
 - ❖ Respiratory System
 - ❖ Excretory System
 - ❖ Any other biology working model
 - ❖ Hydroponics, Save environment

Physics-

- Chapter-1 'Units and Dimensions' : The following notes to be written in Class Work Note book and learn the table also.
