

NEO CONVENT SR. SEC. SCHOOL
SUMMER HOLIDAY HOMEWORK 2025-26

Out of difficulties grow miracles. Tough time don't last.

Dear Students

The beginning of new session might not have been with pomp and show, but the spirit of teaching learning continues in the school. The summer vacations this time would not be ice creams, candies and cool pool, but time can be utilized in knowing skills and interests.

It is easy to bloom, then to be a bud, but you are responsible young members of the nation and its our duty to follow rules.

Here are some holiday activities designed for creative utilization of time. Give a flight to your imagination and spend time purposely.

Some points to be remember

- a) Drink plenty of juice and water to avoid dehydration.
- b) Make hand washing and hygiene a part of your routine.
- c) Holiday Homework is a part of subject enrichment and will be assessed on the basis of creativity and efforts of the students.
- d) It's the perfect time to enhance your speaking skills and vocabulary
- e) By conversing in English with your family and siblings.
- f) Reading is essential for those who seek to rise above the ordinary.
- g) Spend your quality time reading purposeful books.
- h) Schedule your time for activities so that there is no piling up.
- i) Holiday homework should be your authentic creative work.

1. Make a file with minimum 25-30 coloured sheets on the topic Poetic devices (Write 25 Poetic devices). Write their definition with 5 examples of each with pictures.
2. Write 8-10 diary entries about the important events that happened during summer vacation. (Include your school picnic as well in one of the diary entry)

MATHS

CLASS – IX

- Q1. Write and learn all the algebraic identities from the chapter polynomial.
- Q2. Do written practice of all the chapters coming in the unit test - 1.
- Q3. Write activity one (square root of natural numbers) of maths lab manual in a presentable way on A3 size sheet.
- Q4. Make a portfolio (with minimum 10 sheets) on the given topics assigned to your Roll no.

R.NOS. TOPICS

- 1-4. NUMBER SYSTEM
- 5-8. HISTORY OF ZERO
- 9-12. PROJECT ON COORDINATE GEOMETRY
- 13-16. GOLDEN RATIO
- 17-20. REMAINDER THEOREM AND FACTOR THEOREM
- 21-24. INDIAN MATHEMATICIANS AND THEIR CONTRIBUTION TO MATHEMATICS.
- 25-28. HISTORY OF ALGEBRA.
- 29-32. MAKE PROJECT ON LINES AND ANGLES
- 33-36. LINEAR EQUATIONS IN TWO VARIABLES AND THEIR REPRESENTATION ON GRAPHS
- 37 ONWARDS. IRRATIONAL NUMBERS AS REAL NUMBERS
- Q5. Practice 5 case study questions from each chapter.

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निर्देश— प्रश्न 1 से प्रश्न 3 तक के कार्य के लिए एक अभ्यास कॉपी बनाइए।

प्र0 1 प्रथम इकाई परीक्षा के संपूर्ण पाठ्यक्रम को याद कीजिए एवं लिखिए।

प्र0 2 अनौपचारिक पत्र का प्रारूप लिखिए एवं प्रारूप का अनुसरण करते हुए निम्न पत्र लिखिए—

आपका नाम राहुल/रश्मि है। आप देहरादून में छात्रावास में रहते हैं। आप गलत संगति से बचने का प्रयास लगातार कर रहे हैं इसकी जानकारी अपने पिता जी को देते हुए लगभग 120 शब्दों में पत्र लिखिए।

प्र0 3 अनुच्छेद लेखन— भारत एक लोकतांत्रिक देश एवं शुद्ध वातावरण की आवश्यकता विषय पर अनुच्छेद लिखिए।

प्र0 4 'हमारे राष्ट्रीय चिह्न'— भारत के सभी राष्ट्रीय चिह्नों के खूबसूरत चित्र बनाकर या चिपकाकर उनके विषय में सही जानकारी लिखते हुए एक आकर्षक फाइल तैयार कीजिए।

प्र0 5 स्पैक्ट्रम के लिए स्वरचित कहानी, लेख, कविता लिखें। (कोई एक)

प्र0 6 परियोजना कार्य **Art Integration State Pair** के आधार पर दिया जाएगा।
उस पर एक आकर्षक फाइल बनानी होगी।

CLASS IX (SCIENCE)

HOLIDAYS HOMEWORK

Q1. Make Short Notes of the following chapters in a separate holidays homework notebook:

- Chapter – Matter in our surroundings
- Chapter – Is matter around us pure
- Chapter – Cell- Fundamental unit of Life
- [Chapter – Tissues](#)
- Chapter – Motion
- Chapter – Force and laws of Motion

Q2. Make a portfolio containing the following :

- Write **all formulas** of physics chapters (Motion , Force and laws of Motion , Gravitation , Work and Energy and Sound) on A4 SHEETS
- Chemical formulas** of all compounds of Chemistry Chapter **Atoms and Molecules** of NCERT textbook on A4 SHEETS.
- Colorful diagram of Cell, Tissues on A4 SHEETS.

Q3. Prepare your own PowerPoint presentations (DO NOT DOWNLOAD FROM GOOGLE) on the following topic:

- Impulsive and Non Impulsive forces
- Comparison between Natural Resources of Delhi and Lakshadweep.

Q1. Make a well-crafted portfolio showcasing your best work on the following topics –

Roll no. (1-20)

A1. Focus on any specific type of disaster (e.g., floods, earthquakes, cyclones)

Analyze a specific disaster event, its causes, impacts, and response. Explore and evaluate different mitigation measures for that specific disaster.

Research the effectiveness of early warning systems for that type of disaster.

Roll No. (21- 40)

A2. Focus on various Social issues (eg- poverty, inequality, gender discrimination)

- How they impact society and individual well-being.
- Various complex challenges that require societal changes to address

Q2. Revise the syllabus covered

Q3. Solve map work of the chapters as per CBSE Curriculum in a separate notebook.
