



L.K.INTERNATIONAL SCHOOL  
AFFILIATED TO CBSE  
HOLIDAY HOMEWORK (2025-26)  
CLASS X

***Holidays are about experiences and people, and turning into what you feel like doing at that moment.***

***It's time to relax, reflect, and recharge!***

Dear Parents/Students,

Kindly Note—

1. Summer Break is scheduled from 1st JUNE 2025 to 30th JUNE 2025.
2. Regular classes will commence on 1st July 2025 at the Usual Time.

Plan out and complete the holiday homework in time. **In addition, revise the syllabus already completed.** Please complete the work and submit it to the subject teachers in the first week of opening the school. Holiday's homework has been designed with the following objectives: To keep children connected with the syllabus. To engage children constructively. To help students prepare projects in consultation with the subject teacher. ·

**NOTE-- Holiday homework will be part of the subject-enriched activity for the First Term, bearing 5 marks in each subject.**

Hope to see you soon

Happy summer!

## ENGLISH

Section A - Reading Comprehension

Complete the Unseen Passages (Assignments 1 to 3) from pages 13 to 18 of the Practice Paper book.

\* Section B- Part 1 (writing)

Complete assignment 1, which includes writing a letter and an analytical paragraph from pages 87 and 88 of the Practice Paper Book

## MATHEMATICS

Do the given activities in the lab manual

- 1.1. To draw the shape of the curve when the coefficient of  $x^2$  is positive.
- 1.2. To obtain the conditions for consistency or inconsistency of a system of linear equations in two variables by the graphical method from three different pairs.
- 1.3. To find the sum of the first  $n$  odd natural numbers.
- 1.4. To verify the section formula using the graphical method.

- 1.5. To verify experimentally that the ratio of the areas of two similar triangles is equal to the square of the ratio of corresponding sides.
- 1.6. To verify that the lengths of tangents drawn from an external point to a circle are equal using the method of paper folding.
- 1.7. To verify the trigonometric identity  $\sin^2 + \cos^2 = 1$ .
- 1.8. To verify that the sum of areas of three sectors of the same radius 'r' formed at the vertices of any triangle is  $\frac{r^2}{2}$  by the paper cutting and pasting method.
- 1.9. To obtain the formula for the volume of a right circular cylinder in terms of its height and radius of the circular base.
- 1.10. To find the median marks obtained by students of your class in a Career Aptitude Test graphically.

## SCIENCE

Make a project file on the given topics

1. Carbon compounds in a day-to-day life (Roll no 1-8)
2. Effect of preservatives and food colour and their impact on our health. (Roll no 9-17)
- 3 Respiratory diseases impose an immense worldwide health burden ( Roll no.17 onwards)

Kindly note the following guidelines:

1. Project Word limit - 800 words
2. Cover page (can be collage/artwork)
3. Acknowledgment
4. Certificate
5. Index
6. Objective
7. Content related to the topic (Written material supported by new graphs, original case studies, and surveys)
8. Bibliography
9. The projects prepared should be made from eco-friendly products.
10. The Project Report should be handwritten.
11. Use A4 size white/light coloured interleaf sheets and maintain the folder.

हिंदी

1 अरुणाचल प्रदेश (वर्ग -अ)

और

2 मेघालय (वर्ग-ब)

पर कला एकीकृत परियोजना तैयार कीजिए।

कृपया निम्नलिखित दिशा निर्देशों का ध्यान दें।

१-प्रोजेक्ट शब्द सीमा ५००से६००

२-कवर पेज (कोलाज/ कलाकृति हो सकती है।

३-आभार

४-प्रमाण पत्र

५-सूचकांक

६-उद्देश्य

७-विषय से संबंधित लिखित सामग्री

८-ग्रंथ सूची

९-तैयार की जाने वाली परियोजना पर्यावरण से बनाई जानी चाहिए जिससे अधिक व्यय ना हो ।

१०-A4 आकार की सफेद/हल्के रंग की इंटरलीफ शीट का प्रयोग करें और फोल्डर को बनाएं ।

## **SOCIAL SCIENCE**

Make a project on the given topics

Roll no 1-5 Consumer Rights

Roll no 6-10 Child Labour

Roll no 11-15 Girl Education

Roll no 15 onwards Sustainable development

Lab Manual

Geo=9-12 page

History=32-36 page

Civics=54-57 page

Economic=72-74 page

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3. Acknowledgment
4. Certificate
5. Index
6. Objective
7. Content related to the topic (Written material supported by new graphs, original case studies, and surveys)
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## INFORMATION TECHNOLOGY

Create A Presentation With Animation On “Entrepreneurship”

- A. Headings: Font Name: Times New Roman, Size: 24, Color: Red
- B. Paragraph: Apply Style Text Body From The Style Gallery
- C. Quote: Font Name: Broadway, Size: 16, Color: Black, Alignment: Center

**NOTE** — Frame five long type questions including answer (Roll no 1-7), ten short answer type questions(Roll no 8-14), ten MCQs (Roll no 15 onwards) of [S.St.](#) and Science that have been done till date in the class.