



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

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***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 enrichment activity for the First Term, bearing 5 marks in each subject.**

**Hope to see you soon**

**Happy summer!**

### **ENGLISH**

#### **(SECTION - A)**

Do complete the given worksheets of practice paper from page no.11 to 60 (Unseen passage).

#### **(SECTION - B)**

Complete the assignment 1 to 12 (Page no 81-92).

### **SCIENCE**

1. Make a project file on the given topics

\* Laws of motion in everyday life Roll no. 1\_11

\* Working and uses of the electron microscope Roll no.12 onwards

2. Perform the process of osmosis by using potatoes. Write the procedure and observations in the class work copy.

3. Write the experiments conducted in the practical record.

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.

## **SOCIAL SCIENCE**

Make a project file on the given topics

Roll no 1 to 5- India size and location

Roll no. 6 to 10 - Physical features of India

Roll no -11 to 16 What is democracy, and why is democracy

Roll no 17 to 22- Electoral politics

Kindly note the following guidelines:

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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. निम्नलिखित दिए गए कवियों के नाम उनकी जीवनी और कविताओं पर एक पुस्तक पत्रिका तैयार करें।

वर्ग -अ

कवि	अनुक्रमांक।
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1. प्रेमचंद	1 - 8
2. सूरदास।	9-17
3. हरिवंश राय बच्चन।	18-27

वर्ग- ब

कवि	अनुक्रमांक।
1. माखनलाल चतुर्वेदी।	1-8
2. सरोजिनी कोकिला ।	9-17
3. नागार्जुन।	18- 26

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 ।

## MATHEMATICS

Complete the given lab activities in the lab manual.

1.1. Square root spiral:- To locate the square root of natural numbers and obtain the square root spiral using graduated strips.

1.2. To verify the identity  $(a + b)^2 = a^2 + 2ab + b^2$  experimentally.

1.3. To verify the identity  $a^3 - b^3 = (a - b)(a^2 + ab + b^2)$  using unit cubes.

- 1.4. To obtain the mirror image of a given geometrical figure with respect to x-axis and y-axis.
- 1.5. To obtain a linear equation and draw a graph that represents the linear equation.
- 1.6. To verify the mid-point theorem for a triangle, experimentally.
- 1.7. To show that the area of a triangle is half the product of the base and the height using paper cutting and pasting.
- 1.8. To show that the figure obtained by joining the midpoints of consecutive sides of a quadrilateral is a parallelogram.
- 1.9. To make two right circular cylinders using two rectangular sheets of the same dimensions and compare their volumes.
- 1.10. To draw histograms for classes of equal widths and varying widths

### **INFORMATION TECHNOLOGY**

1. Create A Word Document On “Self management “Create the Document by following the given styles as Instructed:

- Headings: Font Name: Times New Roman, Size: 24, Colour: Red
- Paragraph: Apply Style Text Body From The Style Gallery
- Quotes: Font Name: Broadway, Size: 16, Colour: Black, Alignment: Center
- Add Images Wherever Needed.

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 is done till date in the class.