



LIONS PUBLIC SCHOOL
I BLOCK PHASE- 1 ASHOK
VIHAR DELHI: 110052
(SESSION: 2025-2026)

Holiday's Homework
Class-XI- A (SCIENCE)

English

Instructions:

Complete all tasks neatly in your English Project File. Ensure all work is well-presented and follows the discussed formats. Paste relevant pictures wherever required.

1. Read any English newspaper every day. Paste two classified advertisement clippings under each of the following headings:

* (a) Situation Wanted

* (b) Situation Vacant

2. Conduct a study on sailing terminology and identify the parts of a boat

* Read about one of the voyages of Captain James Cook and write it in a brief description in around 150 words.

* Paste relevant images related to boats, sailing, and Captain Cook's voyage.

3. Ancient Civilizations

Research the Egyptian civilization with special focus on King Tutankhamun's mummy and the story of its discovery

* Write a short informative note.

* Paste pictures related to King Tut, his tomb, and artifacts.

4. Make a list of various poetic devices (figures of speech).

* Provide two examples for each device to demonstrate their use.

5. Choose and write down ten inspirational quotes.

* Present those creatively and artistically using colors, calligraphy, or decorative designs.

6. Interview your grandparents or parents about their school life

Write a short paragraph highlighting the key differences between their school experience and your own.

Physics

1. Revise all the chapters done in class.

2. Write practical's in Physics practical file.

3. Make a project on any ONE of the following topics –

- Gravitation
- Friction
- Laws of motion
- Rotational motion
- Elasticity

Chemistry

1. Complete the given worksheets in Fair Chemistry notebook.
2. Write the given Chemistry practicals in Chemistry practical file.
3. Prepare a detailed written project (5-6 pages) on the allotted topic.
 - Use newspaper clippings, images, latest discoveries and inventions relevant to the topic.
 - Use A4 size white sheets.
 - Write on both sides of paper.

Mathematics

1. Revise all the chapters done in class.
2. Complete all the activities of Mathematics in Math file as discussed in class.
3. Prepare a working model on any of the mathematics topic of your choice of senior secondary level.

Computer Science

A-Do the following questions in your register:-

1. Find truth table of $X + Y = Y + X$
2. Prepare a truth table of $XY = YX$
3. Prepare a truth table $X(X + Y) = X$
4. Prepare a truth table of $X + XZ' = X$
5. Convert 1111 0110 from base 2 to base 10
6. Convert 0111 1111 from binary to decimal
7. Convert 27 from base 10 to base 2
8. Convert 62cd from hexadecimal to base 2
9. Convert 0111 1000 1111 1100 from binary to base 16
10. Convert 0111 1110 1010 0111 from base 2 to hexadecimal
11. Convert 223 from base 10 to binary
12. Differentiate compiler and interpreter.
13. What is dynamic typing in python?
14. Differentiate keyword and identifier.
15. What are tokens in Python?
16. What will be the output of following python code? `a,b=3,4 c,a=b*4,a+4 print(a,b,c).`
17. Write a Python program to find out the simple interest.

B- Prepare a beautiful poster on A3 sheet on topic- Trending Technologies.

C- Revise all the work done in class.