

Holiday Homework
Class—XI
Chemistry (2025—26)

1) What are you doing in the First two weeks of June? Fill in the calendar with the activities or plans you have for these weeks. Do any events occur periodically? Explain.

2) To inculcate Scientific temperament and for understanding the conceptual knowledge of chemistry, students have to prepare a “**GLOSSARY OF CHEMISTRY**”. Add relevant pictures, diagrams and related to these discoveries. Use A-4 size sheets and write in neat handwriting. Glossary must comprise of 10 Chemistry terms (with their definition) of each alphabet including Laws, formulas, principles and microscale chemistry apparatus.

3) Experiments provide insight into “ Cause and Effect “ by demonstrating what outcomes occurs when a particular factor is manipulated. **Prepare a chemistry Investigatory Project on any one topic listed below:-**

(a) **Waste to Chemicals:-** Transforming wastes and residues to energy, fuels and other useful chemicals.

(b) **Endangered Elements:-** Managing and extraction , use, reuse and alternative development for elements in the chemical enterprise that are facing critical supply risks.

(c) Chemistry in medicine

(d) Importance of metals in country's defence and economy.

Use A4 size sheets for the project including various newspaper clippings, images, latest discoveries and inventions relevant to the topic. Follow the given headings in the project:

- | | | |
|--------------------------|------------------|-----------------------|
| (i) INTRODUCTORY PAGE | (ii) CERTIFICATE | (iii) ACKNOWLEDGEMENT |
| (iv) INDEX / CONTENTS | (v) INTRODUCTION | (vi) AIM |
| (vii) CHEMICALS REQUIRED | (viii) PROCEDURE | (ix) OBSERVATIONS |
| (x) RESULT | (xi) CONCLUSION | (xii) BIBLIOGRAPHY |