



Loreto Convent Intermediate College

Lucknow

Chemistry Class 10 (2026-2027) HOLIDAY HOMEWORK

1. Complete the Practical Lab Manual and keep it ready for submission when the school reopens in July.

2. Project :

“Acids, Bases and Salts: Understanding Their Strength, Properties and Role in Everyday Life”

The project should answer the following question: How do the strength and properties of acids and bases influence their behaviour in chemical reactions and determine their applications in everyday life?

Students Should Cover:

- * Difference between strong and weak acids/bases
- * Concept of pH scale

Experiments / Activities

- * Testing substances with litmus, turmeric, phenolphthalein
- * pH testing of:
 - * Lemon juice
 - * Soap solution

Real-Life Applications

- * Antacids (neutralisation)
- * Soil treatment in agriculture
- * Tooth decay and toothpaste (basic nature)

Note: The project should not exceed more than 5 sheets. Students must use Interleaved A4 punch sheets.

3. Learn and revise the chapters discussed in the class.

 99, Mahatma Gandhi Marg, Lucknow, Uttar Pradesh - 226001

 0522-2237222, +918009881030  loretocollege@yahoo.com  www.lucknowloreto.com