

**Chemistry Syllabus for Class 11 (2018- 2019)****Term 1:**

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity in Properties
4. The s-Block Elements
5. The p-Block Elements
6. Chemical Bonding and Molecular Structure

**Term 2:**

1. Redox Reactions
2. Equilibrium
3. Organic Chemistry- Some Basic Principles and Techniques
4. Hydrocarbons
5. States of Matter
6. Thermodynamics
7. Hydrogen
8. Environmental Chemistry

**Practical syllabus**

1. Determination of melting point.
2. Determination of boiling point.
3. Purification of copper sulphate by crystallization.
4. Experiments based on pH change.
5. Effect of change of concentration on chemical equilibrium.
6. Preparation of standard solution (a) oxalic acid solution (b) sodium carbonate solution
7. Titration – hydrochloric acid vs. sodium carbonate
8. Titration – sodium hydroxide vs. oxalic acid
9. Inorganic salt analysis

Date of Release 15/03/2018	Rev No: 00	Prepared by Ms. Reshmi Subject Educator (NSD)	Verified by Ms. Veronica Wing Head (NSD)	Approved by: Mr. Abhay Mathur / Mr. Deepak Khaitan Principal / Director (NSD)
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