# XI Standard – Term 1 Syllabus

## Physics (Revised)
1. Refraction of Light
2. Friction in Solids & Liquids
3. Forces
4. Projectile Motion
5. Scalars & Vectors
6. Current Electricity

## Chemistry
1. Mole Concept
2. Structure of atom
3. Periodic Table
4. Chemical Bonding
5. Alkane
6. Alkene
7. S-Block

## Mathematics (Revised)
1. Sequence & Series
2. Complex Numbers
3. Permutation
4. Determinants
5. Matrices

## Biology (Revised)
1. Biochemistry of Cell
2. Animal Kingdom
3. Human Nutrition
4. Diversity in Organisms

## Computer Science
1. Number Systems
2. Program Analysis
3. C++ - Till Functions
4. Logic Gates
5. Multiplexers to Shift Registers

## Information Technology
1. Multimedia
2. HTML
3. MS Suite

## Electrical Maintenance (Revised)
### Paper 1
1. Electrical Circuit
2. Work Power and Energy
3. Effects of Electric Current
4. Types of Wires & Wiring Accessories
5. Wiring System & Wiring Diagrams

### Paper 2
1. Alternating Current
2. DC & AC
3. D.C Generators
4. D.C Motors

## Psychology
1. Introduction to Psychology
2. Methods of Psychological Inquiry
3. Foundation of Human Behavior
4. Human Development

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## English
**Unit – I**
1. (1) CLIMB EVERY MOUNTAIN
2. (2) A TIME TO BUY HORSES

**Unit – II**
3. (3) BIKE RIDE
4. (4) BEST ADVICE I EVER HEARD

**Unit – III**
5. (5) SCHOOLING ON THE STREET
6. (6) MUMBAI'S DABBAWALA

**POETRY**
1. (1) START WHERE YOU STAND
2. (2) WORK

**RAPID READING**
1. (1) THE JOY OF LEARNING