

## Topic-wise Syllabus for UPPSC LT Grade Science Teacher

The Science syllabus includes topics from **Physics, Chemistry, Biology, and Environmental Science**. The level of questions is based on **graduation level** with emphasis on high school teaching standards.

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### ◆ 1. Physics

- Motion, Force, and Laws of Motion
  - Gravitation and Work, Power, Energy
  - Light – Reflection & Refraction
  - Electricity and Magnetism
  - Heat and Thermodynamics
  - Sound and Waves
  - Modern Physics – Atom, Nucleus, Radioactivity
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### ◆ 2. Chemistry

- Matter and Its Nature
  - Atomic Structure
  - Chemical Reactions & Equations
  - Acids, Bases and Salts
  - Periodic Table and Properties
  - Metals and Non-Metals
  - Carbon and Its Compounds
  - Environmental Chemistry
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### ◆ 3. Biology

- Cell Structure and Function
- Human Body Systems – Respiratory, Circulatory, Digestive, Excretory
- Reproduction in Plants and Animals
- Heredity and Evolution
- Nutrition in Plants and Animals
- Control and Coordination
- Microorganisms and Diseases

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#### ◆ 4. Environmental Science

- Ecosystem and Biodiversity
- Natural Resources – Water, Forest, Soil
- Pollution and Its Types
- Sustainable Development
- Environmental Issues and Conservation
- Climate Change and Global Warming

Sarkari Results ERA