



DRAVID OPEN SECONDARY AND HIGHER SECONDARY EDUCATION COUNCIL

Head Office:-RD number 1, mohalla Badh Adilabad, Telangana 504001

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SYLLABUS SCIENCE

Class 10 Science – (Chapter-wise)

Chemistry

1. Chemical Reactions and Equations — Understanding reactions, types of reactions, balancing equations.
2. Acids, Bases and Salts — Properties, pH scale, reactions, common salts.
3. Metals and Non-metals — Properties, reactivity, uses, corrosion.
4. Carbon and Its Compounds — Covalent bonding, hydrocarbons, functional groups.

Biology

5. Life Processes — Nutrition, respiration, circulation, excretion in organisms.
6. Control and Coordination — Nervous system and hormones in plants and animals.
7. How Do Organisms Reproduce? — Sexual and asexual reproduction in plants and animals.
8. Heredity and Evolution — Basics of heredity, variation and evolution.

Physics

9. Light: Reflection and Refraction — Mirrors, lenses and related diagrams.
10. Human Eye and Colourful World — Structure of eye, defects of vision, dispersion of light.
11. Electricity — Ohm's law, current, electric circuits, resistance.
12. Magnetic Effects of Electric Current — Magnetic field, applications, electromagnetic effects.

Environment

13. Our Environment — Ecosystem, natural resources, environmental issues & solutions.