

SCIENCE YEAR-VII



Living Systems

- Understand the characteristics and classification of living things.
- Explore the interactions between living organisms within ecosystems.
- Study the processes of nutrition in plants and animals.

Cell Biology

- Study the structure and function of cells.
- Understand cell processes and their importance in the life of an organism.
- Explore the microscopic world and the chemistry and physical connections in cells.

Genetics

- Understand the basics of heredity and the code of life.
- Explore the process of reproduction and genetic variation.
- Discuss the implications of genetics in evolution and human health.

Evolution and Change

- Explore the concepts of evolution and natural selection.
- Understand the history of life on Earth and the evidence supporting evolutionary theory.
- Discuss the impact of evolutionary changes on current biodiversity.

Earth Sciences

- Study matter and energy in Earth systems.
- Understand surface features and processes in the geosphere.
- Explore the atmosphere, weather, and natural disasters like floods.

Human Body Systems

- Understand the structure and function of major body systems.
- Explore the principles of cell biology as they apply to the human body.
- Discuss the role of nutrition and lifestyle in maintaining body systems.