

# SCIENCE YEAR-VI



## Life Science

- Classify living things into broad groups based on observable characteristics.
- Identify and name the main parts of the human circulatory system and their functions.
- Recognize the impact of diet, exercise, drugs, and lifestyle on the human body.
- Describe how nutrients and water are transported within animals.
- Understand the basics of cells and genetics.

## Chemistry and Matter

- Compare and group materials based on their properties.
- Understand the formation of substances from atoms.
- Explore chemical reactions and the consequences of thermal energy.
- Investigate how light is affected by different materials

## Force, Motion, and Electricity

- Understand the basics of force and motion, including Newton's Third Law.
- Explore electrical, magnetic, and gravitational forces.
- Investigate the properties and uses of electricity.
- Recognize the relationship between forces and energy.

## Earth Science and Astronomy

- Understand Earth's resources and conservation methods.
- Study the water cycle and the role of water in Earth's processes.
- Explore the Earth, Sun, and Moon system.
- Learn about weather and climate patterns.

## Ecosystems

- Explore the cycles and dynamics of ecosystems.
- Understand interdependent relationships within ecosystems.
- Study the development and growth of living organisms.