

Syllabus

Grades 3 - 4 (Primary 3 - 4)

- Diversity of living and non-living things
- Diversity of Materials
- Cycles in plants and animals
- Cycles in matter and water
- Plant system
- Human system
- Solar system
- Interaction of forces
- Energy forms and uses

Grades 5 - 6 (Primary 5 - 6)

- Diversity of living and non-living things
- Diversity of Materials
- Cycles in plants and animals
- Cycles in matter and water Plant system
- Human system
- Cell system
- Electrical system
- Solar System
- Interaction of forces
- Interaction within the environment
- Energy forms and uses
- Energy conversion

Syllabus

Grades 7 - 8 (Secondary 1 - 2)

- Exploring Diversity of Matter by their Physical Properties
- Exploring Diversity of Matter by its Chemical Composition
- Exploring Diversity of Matter Using Separation Techniques
- Understanding Diversity of Living Things
- Model of Cells – the Basic Units of Life
- Model of Matter – The Particulate Nature of Matter
- Model of Matter - Atoms and Molecules
- Ray Model of Light
- Transport System in Living Things
- Human Digestive System
- Human Sexual Reproductive System
- Electrical Systems
- Interactions through the application of forces Energy and Work Done
- Transfer of Sound Energy through Vibrations
- Effects of Heat & its Transmission
- Chemical Changes
- Interactions within Ecosystems

Grades 9 (Secondary 3)

- Experimental Chemistry
- The Particulate Nature of Matter
- Formulae, Stoichiometry and the Mole
- Electrolysis
- Energy from Chemicals
- Chemical Reactions
- Cells Structure and Organisation
- Movement of Substances
- Biological Molecules
- Nutrition in Humans
- Nutrition in Plants
- Transport in Flowering Plants
- Transport in Humans

Syllabus

Grades 10/11 (Secondary 4)

- Acids, Bases and Salts
- The Periodic Table
- Metals
- Air
- Organic Chemistry
- Excretion in Humans
- Homeostasis
- Co-ordination and Response in Humans
- Reproduction
- Cell Division
- Molecular Genetics
- Inheritance
- Organisms and their Environment