



Curriculum

Science

Grade 1

- **Chapters**

My Body; My Family and Relatives; Food We Eat; Housing and Clothing; Good Habits, Safety Rules and First Aid; Living and Non-living Things; Animals with their Babies and Homes; Plants; Sun, Moon and Earth; Air, Water and Weather

- **Competency Enhancement**

As chapters mentioned in the OGO Science Prepbook.

- **Logical Reasoning**

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Grade 2

- **Chapters**

My Body Parts; Family, Society and Festivals; Food, Housing and Clothing; Transport and Communication; Good Habits, Safety Rules and First Aid; Living and Non-living Things; Plants; Animals; Earth, Universe and Rocks; Air, Water and Weather

- **Competency Enhancement**

As chapters mentioned in the OGO Science Prepbook.

- **Logical Reasoning**

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Grade 3

- **Chapters**

Plants; Animals and Birds; Human Body; Food and Food Chain; House and Occupation; Transport and Communication; Matter, Material and Motion; Earth and Universe; Air, Water and Weather; Light and Sound

- **Competency Enhancement**

As chapters mentioned in the OGO Science Prepbook.

- **Logical Reasoning**

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Grade 4

- **Chapters**

Human Body; Food, Health and Hygiene; Plants; Animals and Birds; Ecosystem, Habitat and Adaptation; Matter and Materials; Weather and Air; Rocks to Soil; Solar System; Work, Energy and Force; Protecting the Environment

- **Competency Enhancement**

As chapters mentioned in the OGO Science Prepbook.

- **Logical Reasoning**

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Grade 5

- **Chapters**

Plants; Animals and Birds; Human Body; Food, Health and Shelter; Matter and Materials; Air, Water and Weather; Space Science; Soil, Rock and Minerals; Environment and Natural Resources; Work, Force and Energy

- **Competency Enhancement**

As chapters mentioned in the OGO Science Prepbook.

- **Logical Reasoning**

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Grade 6

- **Chapters**

Food and its Components; Fibre to Fabric; Sorting Materials into Groups; Separation of Substances; Changes Around Us; Getting to Know Plants; Body Movements; The Living Organisms and Their Surroundings; Motion and Measurement of Distances; Light, Shadows and Reflections; Electricity and Circuits; Fun with Magnets; Water and Air; Garbage In, Garbage Out

- **Competency Enhancement**

As chapters mentioned in the OGO Science Prepbook.

- **Logical Reasoning**

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Grade 7

- **Chapters**

Nutrition in Plants; Nutrition in Animals; Fibre to Fabric; Heat; Acid, Base and Salts; Physical and Chemical Changes; Weather, Climate and Adaptations of Animals to Climate; Winds, Storms and Cyclones; Respiration in Organisms; Transportation in Animals and Plants; Reproduction in Plants; Motion and Time; Electric Current and its Effects; Light; Water: A Precious Resource; Forests: Our Lifeline

- **Competency Enhancement**

As chapters mentioned in the OGO Science Prepbook.

- **Logical Reasoning**

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Grade 8

- **Chapters**

Crop Production and Management; Microorganisms: Friend and Foe; Synthetic Fibres and Plastics; Materials: Metals and Non-Metals; Coal and Petroleum; Combustion and Flame; Conservation of Plants

and Animals; Cell - Structure and Functions; Reproduction; Force and Pressure; Friction; Sound and Light; Chemical Effects of Electric Current; Some Natural Phenomena; Stars and the Solar System; Pollution of Air and Water

- **Competency Enhancement**

As chapters mentioned in the OGO Science Prepbook.

- **Logical Reasoning**

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Grade 9

- **Chapters**

Matter in Our Surroundings; Is Matter Around Us Pure?; Atoms and Molecules; Structure of the Atom; The Fundamental Unit of Life; Tissues; Motion; Force and Laws of Motion; Gravitation; Work and Energy; Sound; Improvement in Food Resources

- **Competency Enhancement**

As chapters mentioned in the OGO Science Prepbook.

- **Logical Reasoning**

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Grade 10

- **Chapters**

Chemical Reactions and Equations; Acids, Bases and Salts; Metals and Non-metals; Carbon and its Compounds; Life Processes; Control and Coordination; How do Organisms Reproduce?; Heredity; Light - Reflection and Refraction; The Human Eye and the Colourful World; Electricity; Magnetic Effects of Electric Current; Our Environment;

- **Competency Enhancement**

As chapters mentioned in the OGO Science Prepbook.

- **Logical Reasoning**

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial