

SCIENCE CURRICULUM GRADE 6

First Nine Weeks

THE NATURE OF SCIENCE

- The Scientific Method
- Lab Safety
- Metric System
- Measurement Tools
- The Microscope
- Tools used in exploring the Universe
- Tools used in exploring the Earth
- Writing Lab Reports

UNIT C THE LIVING PLANET

- Ecosystems – Characteristics and Cycles
- Interactions in Ecosystems
- Earth's Oceans
- Weather Changes

Second Nine Weeks

UNIT D CYCLES IN Earth and Space

- Movement of Earth's Crust
- Rocks and the Rock Cycle
- Cycles in the Solar System
- Exploring the Universe

UNIT E MATTER AND ENERGY

- Atoms, Elements, and Compounds
- Matter – Properties and Changes
- Energy
- Sound and Light

Third Nine Weeks

UNIT F FORCES AND MACHINES

- Forces and Motion
- Machines and Work

UNIT A UNDERSTANDING LIVING THINGS

- Cells, Genetics and Heredity
- Classification

Fourth Nine Weeks

UNIT B LIVING THINGS GROW AND RESPOND

- Plant Growth and Responses
- Types of Plants
- Invertebrates
- Vertebrates

FORENSIC SCIENCE UNIT

- The History
- Fingerprints/Lip prints
- Chromatography
- Handwriting Analysis
- Hair Samples
- Blood Splatters (not real blood)
- Applications