



Semester 1

Term 1

- Lab Safety
 - Physical Properties & Changes
 - Density
 - Chemical Properties & Changes
 - Periodic Table
 - Elements & Compounds
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Term 2

- Potential & Kinetic Energy
 - Balanced & Unbalanced Forces
 - Calculate Speed
 - Graph Changes in Motion
 - Inclined Planes
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Semester 2

Term 3

- Energy Transformations
 - Thermal Energy Transfer
 - Energy Sources & Resources
 - Gravity & Celestial Bodies
 - Layers of the Earth
 - Plate Tectonics – Plate Identification & Plate Boundaries
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Term 4

- Plate Tectonics –Geological Events
 - Mineral Properties
 - Rock Cycle – Classifying Rocks
 - Microscopes
 - Cells
 - Taxonomy
 - Ecosystems
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