



# Yearly Overview Grade 6 Adv. Science

2018-2019

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## Semester 1

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### Term 1

- Lab Safety
  - Physical Properties & Changes
  - Density
  - Chemical Properties & Changes
  - Periodic Table
  - Atomic Structure – Bohr Models
  - Elements & Compounds
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### Term 2

- Potential & Kinetic Energy
  - Balanced & Unbalanced Forces
  - Calculate Speed & Graph Changes in Motion
  - Newton's Laws
  - Inclined Planes
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## Semester 2

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### 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 – Plant v. Animal
  - Taxonomy
  - Ecosystems
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