

Year 10 Physical Sciences

In this unit students will investigate:

- The physics of motion, including the analysis of position, velocity and acceleration.
- Newton's laws are applied to theoretical and real life situations including car collisions and the building, launching and flight analysis of rockets.

This unit examines a wide range of chemical concepts including:

- Atomic theory, the periodic table of elements, chemical language and formula.
- Study the physical and chemical properties of elements, compounds and solutions of ions by experimental observation
- Compare various types of chemical reactions
- Investigate the factors that affect reaction rate.

Assessment Tasks include:

- Practical work portfolio
- Activities & class exercises
- Tests