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# CORE PROGRAM

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## Science

### DURATION OF SUBJECT

Full year

### COURSE DESCRIPTION

Students undertake a series of units of study throughout the year. These include Biology, Chemistry, Physics and Earth Sciences. In Biology, students investigate further the interrelationship of human body systems, concentrating on how they respond to changes in their environment. Chemistry requires students to interpret the Periodic Table, model the structure of an atom and write balanced chemical equations. The Physics unit explores how energy transfer through different mediums can be explained using wave and particle models. Earth Sciences involves the study of plate tectonics and continental movement on a global and local scale.

Students further develop practical skills and understand their importance in the conceptual understanding of scientific principles. A focus on accurate and appropriate scientific reporting is undertaken.

### ASSESSMENT

Students are required to complete a variety of assessment pieces including class work, school assessed coursework, practical reports, project work and examinations.