

Year 12

Unit 1 Principles and Applications of Biology

This unit explores the key components of biological science. It will examine cells and tissues, their carried structures and functions and the biological components that interact with their existence.

Unit 2 Principles and Applications of Chemistry

Students will explore some of the fundamental concepts which underpin the chemistry and chemical reactions of the world around them.

Unit 3 Principles and Applications of Physics

Students will explore the use of practical and mathematical skills in the study of waves, motion and electricity.

Unit 4 Practical Scientific Procedures and Techniques

This unit introduces standard laboratory equipment and techniques, including titration, colorimetry, calorimetry, chromatography, calibration procedures, microscopy, field studies and laboratory safety.

