## Science

A high-quality science education provides the foundations for understanding the world through the specific disciplines of biology, chemistry and physics. Science has changed our lives and is Vitadite the world's future province if y, and all pupils 0 lihe (the high (the high) 10 (e- (I) 1) 135. Spe a) 2 (I) West 1 pupil) 2.9 () 2 (nd i 2 (nd i 2 73. Spe a p

Working Scientifically						
Scientific attitudes						
Experimental skills and investigations						
Analysis and evaluation						
Measurement						
Subject Content: Biology	Year 7	Year 8	Year 9	١	Year 10	Year 11
Structure and function of living organisms: Cells and organisation						
The skeletal and muscular systems						
Nutrition and digestion						
Gas exchange systems						
Reproduction						
Health						
Material Cycles & Energy: Photosynthesis						
Cellular respiration						
Interactions and interdependencies: Relationships in an ecosystem						

Genetics & Evolution: Inheritance, Chromosomes, DNA & Genes															
Subject Content: Chemistry	Year 7		Year 8		Year 9		Year 10		Year 11						
The particulate nature of matter															
Atoms, elements and compounds															
Pure and impure substances															
Chemical reactions															
Energetics															
The Periodic Table															
Materials															
Earth and atmosphere															
Subject Content: Physics	Year 7		Year 8		Year 9		Year 10		Year 11						
Energy: Calculation of fuel uses and costs in the domestic context															
Energy changes and transfers															
Changes in systems															
Motion and forces: Describing Motion															
Forces															
Pressure in fluids															

