

Y11 Science Overview

Unit #	Unit title	Key Concept	Related Concept	Global Context and Explorations	Statement of Inquiry	Skills	Assessment Criteria
1	Genetics and Biotechnology	Change	Relationships	Orientation in Space and Time	Interactions within environments have consequences.	Research – Information literacy - Media literacy	A- Knowing and Understanding B- Inquiring and Designing C- Processing and Evaluating D- Reflecting on the impact of science
2	Rates, Acids, Moles and Electrochemistry	Change	Form Interaction	Scientific and Technical Innovation	Energy changes allow us to make useful predictions.	Thinking – Critical thinking skills - Transfer skills	A- Knowing and Understanding B- Inquiring and Designing C- Processing and Evaluating D- Reflecting on the impact of science
3	Energy, Power and Climate Change	Change	Energy Environment	Globalisation and Sustainability	Human use of energy sources impacts the environment and is linked to climate change.	Thinking – Critical thinking skills - Creative thinking skills	A- Knowing and Understanding B- Inquiring and Designing C- Processing and Evaluating D- Reflecting on the impact of science